

EUROTROL®

WATER TREATMENT COMPONENTS



Distribution of water
treatment
components and solutions

PRODUCT CATALOG

AN ITALIAN STORY

It comes from us, it grows with you.

It comes from us, it grows with you.

EUROTROL® is not just a logo: is a life and entrepreneurship philosophy.

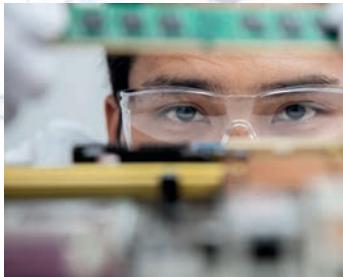
2000: Rino Leoni's idea of selling water treatment components and solutions becomes a reality.
A family reality.

The strength of his project is reflected in the values he believes in: courtesy, respect and passion.

Customers are at the heart of everything.
Their needs and requirements are always met through standard and customized solutions.

EUROTROL® focuses on listening and paying attention to each customer request.

Thanks to its experience, research and quick responses, **EUROTROL®** is now an **international leader in the distribution of water treatment components, for residential, business and industrial applications.**



OUR PRODUCTS

Our products tell our story and our philosophy.
The products distributed by **EUROTROL®** represent what we truly are.

Our family values. Our corporate value.
Every product we make available to our customers is the result of our know-how that gets better every year and of our strong expertise.
Every product we offer is the result of our research and innovation.

EXCELLENCE, IN EVERY FIELD

In all primary water treatment sectors and applications, **EUROTROL®** offers a wide range of products that interpret our customers' needs and meet their requirements.



RESIDENTIAL



COMMERCIAL



INDUSTRIAL



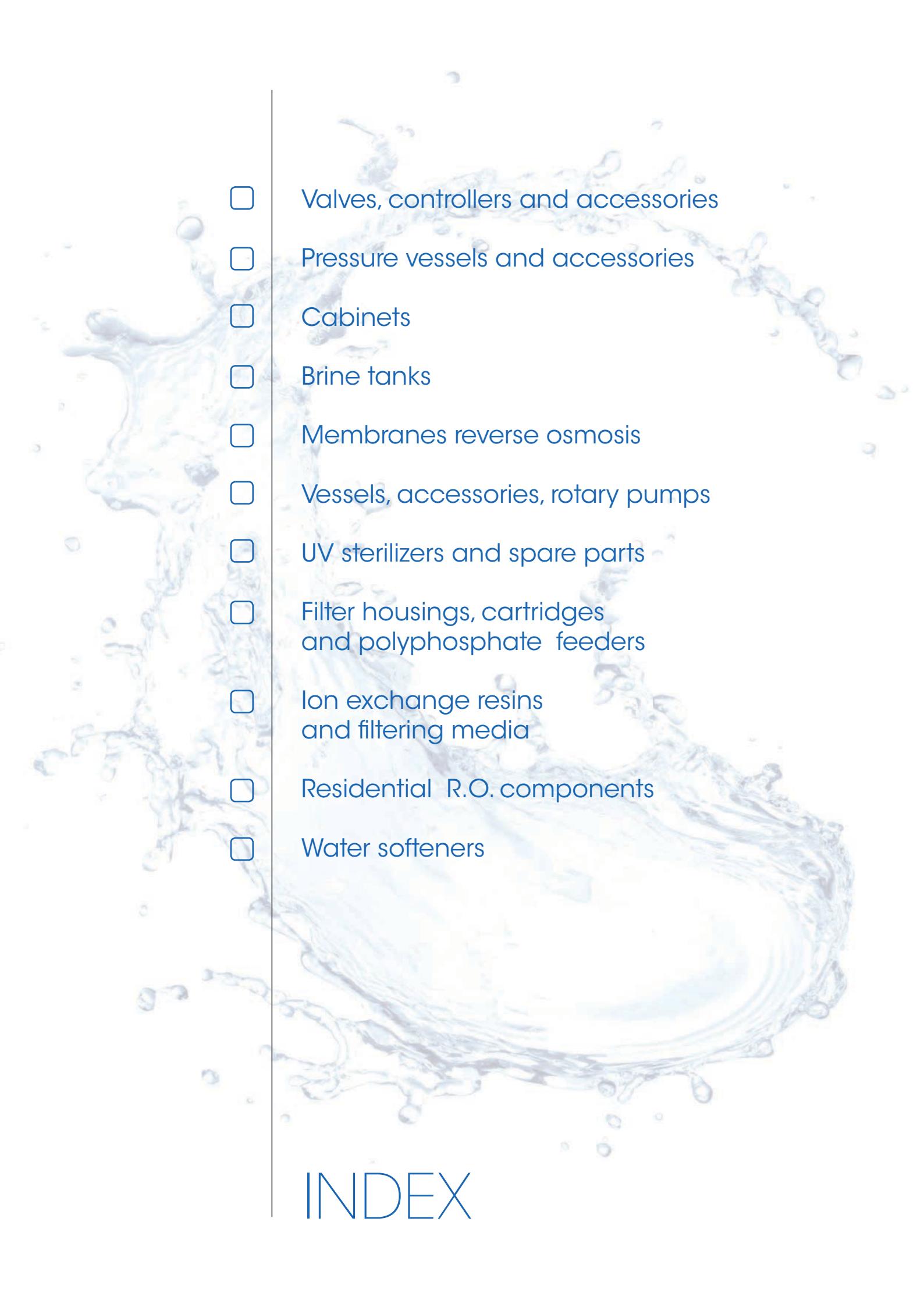
In just a few years, Eurotrol developed over 18 European design patents and distributed 1/3 of its products under the MWG brand.



Innovation and initiative, along with our core values: here at EUROTROL®, we reflect them every single day.

Thanks to our focus on products, we can boast countless certifications.

- ASME
- Attestation de Conformité Sanitaire per la Francia
- CSA (=normativa elettrica per il Canada)
- Decreto Ministeriale n.174 del 2004
- Decreto Ministeriale n.25 del 2012
- Direttiva Europea 2002/95/CE (Direttiva ROHS)
- Direttiva Europea 2011/65/UE (Direttiva ROHS II)
- Direttiva Europea 2015/863/UE (Direttiva ROHS III)
- Direttiva Europea 2012/19/UE (RAEE)
- Direttiva Europea 2006/42/CE (Direttiva Macchine)
- Direttiva Europea 2014/35/UE (Bassa Tensione)
- Direttiva Europea 2014/30/UE (Elettromagnetismo)
- Direttiva Europea 2014/68/UE (PED)
- EAC per la Russia
- FDA per gli USA
- KTW per la Germania
- NSF internazionale
- Regolamento CE 1272-2008 (CLP)
- Regolamento CE 1907-2006 (REACH) e successive modifiche e integrazioni
- Standard EN 1208: 2005 "Prodotti utilizzati per il trattamento delle acque destinate al consumo umano - Polifosfato di sodio e di calcio"
- Standard europeo EN 15029: 2006 "Prodotti utilizzati per il trattamento delle acque destinate al consumo umano - Ossido - Idrossido di Ferro (III)"
- Standard europeo UNI ISO EN 12904: 2005 "Prodotti utilizzati per il trattamento delle acque destinate al consumo umano – Sabbia e ghiaia di quarzo"
- Standard europeo EN 12909: 2005 "Prodotti utilizzati per il trattamento delle acque destinate al consumo umano – Antracite"
- Standard europeo UNI ISO EN 12915-1: 2004 "Prodotti utilizzati per il trattamento delle acque destinate al consumo umano – Carbone attivo granulare"
- Standard europeo UNI ISO EN 13752: 2003 "Prodotti utilizzati per il trattamento delle acque destinate al consumo umano – Biossido di Manganese"
- UL (=normativa elettrica per gli USA)
- WRAS per il Regno Unito.

- 
- Valves, controllers and accessories
 - Pressure vessels and accessories
 - Cabinets
 - Brine tanks
 - Membranes reverse osmosis
 - Vessels, accessories, rotary pumps
 - UV sterilizers and spare parts
 - Filter housings, cartridges and polyphosphate feeders
 - Ion exchange resins and filtering media
 - Residential R.O. components
 - Water softeners

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GENERAL SALE'S CONDITIONS

1) Validity of the present general conditions

The present conditions of sale (hereinafter "GCS") are effective for any contract and/or supply offer and/or sale offer signed between Eurotrol Spa (hereinafter the "Seller") and their customers (hereinafter the "Buyer").

The GCS shall prevail over all Buyer's terms of purchase.

These GCS are available on WEB Link <https://www.eurotrol.it/en/gsc/> and represents the contractual source of obligations for the Seller and the Buyer who explicitly accepts them with the acceptance of the Seller's Order Confirmation.

The Seller reserves the right to modify, complete or change the GCS, attaching these variations to the sale offers and/or supply or to any other mail sent in writing to the Buyer.

2) Supply and closing of the sale

The Seller will formulate the offer according to the request/sales proposal and/or supply formulated by the Buyer and will send the offer by e-mail to the Buyer. A recall of these GCS is insert on every Offer and every Order Confirmation sent by the Seller.

The information contained in the offers supplied by the Seller may differ from the information contained in the Seller's list and/or catalogue that be understood merely indicative and changeable unilaterally by the Seller.

The offer supplied by the Seller is not binding and does not in any way commit the Buyer until the formulation and sending of the purchase order by the Buyer.

Unless otherwise specified in writing, the Seller's offers shall be valid for 30 days from the sending of the document to the Buyer and the prices shall mean EXW Eurotrol Spa warehouse, and include, if required, the packaging.

The sale is consider binding at the moment and in the place in which Eurotrol Spa receive the Buyer's purchase order and/or the supply offer and/or Order Confirmation countersigned for acceptance by the Buyer, together with the GCS, who explicitly are accepted with the acceptance of the Seller's Order Confirmation.

Once the abovementioned order has been received, the terms and conditions stated in the offer shall be legally binding even with reference to the amount, prices and delivery terms.

3) Minimum Order Quantities

The orders formulated by the Buyer should have a minimum value of 250€. The Seller reserves the right to accept orders of less than a 250€ value. In any case of orders for a lower value, their acceptance by the Seller shall be subject to an extra cost of 35€ in addition to the charge for processing the order. The abovementioned agreement is applicable also in additional case orders compared with other orders already requested by the Buyer.

4) Payment Terms:

The payment terms are those indicated in the Seller offer granted to the purchaser. Under no circumstances can any other payment modalities such as letters of credit and/or any other means of payment differing from the bank transfer and the bank order receipt (Ri.Ba.) be accepted.

5) Product description

The Product description presented in the offers supplied by the Seller will be binding offer to the Seller. However, the product data sheets, and the information included in the catalogue are not binding as they may be unilaterally modified by the Seller. The Buyer, before signing and/or accepting the offer or sending any order to Eurotrol Spa, will rely entirely on the description present in the offer.

6) Orders for products made according to customer's specific request

The sale and/or the supply of specific products that – based on Buyer requests – are not available in the Eurotrol Spa catalogue are governed by individual contracts and/or agreements that complete or modify the present GCS.

7) Additions or changes to orders already issued

The Seller reserves the right to realize any additions and/or modifications required by the Buyer with reference to the open orders already issued to the Seller. In any case, additions and modifications requested by the Buyer would be considered as new and independent orders that will be processed in the manner prescribed by the present GCS.

It is understood that the order request of additions and modifications cannot be accepted by the Seller during period:

- a) In any year, from the 1st of July until the closing of summer period already communicated in the Order Confirmation sent by Seller;
- b) In any year, from the 1st of December until the closing of winter period already communicated in the Order Confirmation sent by Seller.

8) Cancellation of the order and/or withdrawal by the Buyer

The cancellation of the order received by the Seller in the manner described in article 2 will be possible only in the case of written permission by the Seller.

It is in any case understood that the cancellation cannot be requested by the Buyer if more than three working days have passed from the date of the receipt of the order by the Seller.

Once the Seller has received authorization in writing, the cancellation of the order necessitates that the buyer must reimburse any costs sustained by the Seller for the partial execution of any applicable order and the related lost profits determined in a flat rate as quantified below:

- a) 30% of the order value for the cabin cruiser (with or without tank and accessories) if the cancellation occurs not more than [3 days] after the sending of the order;
- b) 20% of the order value on the material not included in the above point a). if the cancellation occurs not more than [3 days] after the sending of the order.

The order related to "Special and/or "not on Stock" materials and/or to materials that are not included in the catalogue Eurotrol Spa may be cancelled by the Seller at the latest within 3 working days from the receipt of the purchase order of the Buyer by Eurotrol Spa and/or the supply offer and/or the sale offer countersigned and stamped by the Buyer.

After the abovementioned deadline if no communication of cancellation of the order has been received in time, the Buyer shall be strictly obliged to pay 100% of the order value.

9) Prices and taxes

Where not otherwise specified:

- a) The products prices do not include VAT, which should be paid at the time of delivery or in accordance with what is indicated in the sales invoice;
- b) Taxes, delivery costs not negotiated with the Seller, insurance, installation costs and the Buyer and/or end-user staff training are not included and not provided for in the prices indicated in the purchase offer of the products.

10) Delivery terms

Unless otherwise agreed in writing, any delivery terms included in the offer are not binding for the Seller and are only indicative.

The Seller reserves the right to make partial deliveries.

The Seller reserves the right to refuse orders that have compulsory/binding delivery terms specified by the Buyer also in writing at the time the order was sent.

11) Delivery

The goods travel at the Buyer's exclusive risk even if sent to a free port. The Buyer should verify the quantity and the conditions of the goods at the moment of receipt; any claims shall be notified in writing to the Seller no later than 8 working days from the receipt of the goods (taken into account in any case of the schedule of closing of the Seller).

It is understood that:

- a) Even if the Seller delivers the goods in the interest of the Buyer, the Buyer is responsible for the delivery of the goods even in the event of damages and/or loss of the goods during transportation.
- b) The duty of inspection and acceptance of the goods are always entirely borne by the Buyer who, at the moment of receiving the Products in his warehouse/factory, shall immediately check the amount and the packaging of the Products and register any objection in the delivery note, rejecting the goods or accepting them under reserve, by making the related claims to the Seller in respect of the abovementioned terms within 8 working days.

12) Delay in the collection of the goods stored in the Seller's warehouse

The date of collection of the goods mentioned in the purchase order received by the Seller shall be considered compulsory and may be waived and/or modified without prior written consent by the Seller. From the 5th (fifth) working day of delay in relation to the date of collection of the goods as mentioned in the purchase order – or as modified according to prior written consent of the Seller -, the Seller, without any further notice, shall apply a penalty fee for the management of the physical location where the Buyer's goods are stored, equal to 5€/pallet per day (or portion of pallet if the volume is smaller) without prejudice to the right of the Seller for compensation for any further damages.

After 30th (thirty) days of delay from the original date of collection of the goods the Seller shall have the right to declare cancelled the order and shall apply accordingly the provisions of what is included in the above article 8, without prejudice to the right of the Seller for any further damages.

13) Return of goods

At the request of the Buyer, the Seller shall agree in writing to the return and/or the restitution by the Buyer of all or part of the goods of a specific purchase order. The request of complete or partial restitution of the goods by the Buyer shall reach the Seller no later than 60 days from the date on which the goods were delivered to the Buyer's warehouse/factory. In any case it remains understood that:

- a) Shipping is paid by the Buyer;
- b) The following cost of restitution shall be applied to the Buyer:
 - i. 30% of the order value for the cabinets (with or without tank and accessories);
 - ii. 20% of the order value on the material not included in the above point a);
 - iii. 100% of order value for special materials not on stock.

If, when returned, the goods are incomplete and/or damaged and not useful for resale, the Seller shall release a goods return note to the client for any goods not satisfactory reserving the right to any claims for compensation and/or any other claim towards the client. Furthermore, in the case non-compliant return refers to the special and/or "not on Stock" material, the Buyer will be charged another 50% of the selling price as mentioned in the purchase order.

14) Warranties

The defective goods, previously authorized in writing by the Seller, may be released in free port by the Buyer with relevant information notes about defects.

The purchase products are guaranteed, to be free from defect, for 1 year from the date of production (if missing or unavailable, from the delivery date), excluding:

- a) 10 years: fibreglass cylinder, brand name MWG from the size 5x13 until the size 13x54;
- b) 5 years: other fibreglass cylinders with other sizes and/or brands.

In case of warranties requests for damages during the delivery undertaken by the Seller, the Buyer:

- a) Must provide a copy of the transport document indicating "goods provisionally accepted". In case of lack of this documentation the warranties claim will not be able to be started;
- b) May not file any objection with reference to Product's amount, quality, typology and packaging except by means of the communication attached to the delivery note as indicated in the previous point a).

With reference to any warranty request sent in writing to the Seller, the Buyer must:

- a) consent to provide the problem products for the Seller to inspect; this inspection will be made by the Seller or by an expert appointed by the Seller or by the producer of the goods;
- b) deliver to the Seller any ancillary documentation essential for the analysis of the warranties request. Any product for which the documentation, compliant to the procedure and the terms indicated herein by the Seller, haven't been delivered will not be considered approved and accepted.

When validity/efficacy for the warranty has been confirmed, the analysis results performed on defective products cannot be noted in a technical report as these operations are considered industrial secrets.

15) Default or delayed payments

In case of default or delayed payments, also partially, with respect to the agreed term as mentioned in the invoice, the Seller, shall, without prior notice, interrupt the commercial activities of each order and/or, may interrupt the deliveries until the payment is made to the Buyer.

In case of delayed payment on the agreed date, interests in favour of the Seller are accrued and are calculated as the sum of the BCE official interest rate plus 4%.

It is understood that the property of the goods of each order shall be of the Seller unless the payment is made by the Buyer in full.

The delay of the payments shall cause the interruption of the Seller's warranty of the goods.

In case of default or delayed payments (also partially) of the Buyer, the Seller has the right to interrupt the deliveries to be performed and to terminate the agreement pursuant to art. 1456 of the Italian Civil Code, prior to written notice to the Buyer.

16) Force majeure

Force Majeure events means the occurrence of circumstances which are fully unexpected and/or unforeseen with respect to materials, people and/or entities/Countries/companies directly or indirectly involved which may cause the impossibility to manage and satisfy the order by the Seller. By way of non-exhaustive example, Force Majeure events means, without limitation to but including, strikes, riots, public administration disposition, lockouts, blocks of import/export, embargos, acts of war, various hindrances from third parties, technical complications occurred in the production of the product, acts of God or natural disasters, etc.

17) Compliance with third parties' commercial rules

The Buyer undertakes not to sell products which are made in USA and/or Europe in those Countries where an USA/EU embargo is ongoing. It is understood that the Seller shall not ship the goods to the Countries which are part of the USA and/or EU Black List, which the Buyer hereby represents to be aware of, as furtherly amended and/or integrated.

18) Processing of personal data

Buyer's personal data shall be processed in accordance with European and national data protection applicable laws (D.Lgs. 101/2018, GDPR). The Seller hereby notifies the Buyer that the Seller is the data controller and that Buyer's personal data shall be collected and processed for the sole purpose of the performance of this agreement. The Buyer has the right to request from the Seller the update, the corrigendum, the integration, the cancellation and the transformation in an anonymous manner of the data.

19) Governing law and jurisdiction

Any dispute arising from the interpretation, validity, applicability and resolution of this GCS, the agreements, and/or the supply offers and/or sale shall be subject exclusively to the courts of Milan. The governing laws of this GCS and supply/sale agreement shall governed by the Italian law.

20) Final provision

The total or partial invalidity of single provisions of the present GCS shall not affect the validity of the remaining provisions. The present GCS are drafted both in Italian and English language. In case of doubt regarding the interpretation between the two versions, the Italian version will prevail.

As per the articles 1341 and 1342 of the Italian Civil Code, the Buyer approve specifically the provisions recalled hereafter:

- Art. 1 - Validity of the present general conditions;
- Art. 2 - Supply and closing of the sale;
- Art. 8 - Cancellation of the order and/or withdrawal by the Buyer;
- Art. 10 - Delivery terms;
- Art. 11 - Delivery;
- Art. 13 - Return of goods;
- Art. 15 - Default or delayed payments;
- Art. 19 - Governing law and jurisdiction;
- Art. 20 - Final provision.



WATER TREATMENT COMPONENTS



AUTOTROL, CLACK,
FLECK, RUNXIN
Valves, controllers
and accessories



Autotrol Residential Valves Series 368



- For automatic and residential water softening systems;
- Valve body in NSF listed Noryl plastic material;
- Valve rubber compounded for cold water, NSF listed material;
- Operating flow rate Kv = 3,68;
- Backwash flow rate = 10 lpm @ Δp 1,72 bar;
- Resin volume range = 5 ÷ 25 litres;
- Available with the following controllers:
 - 604 electronic chronometric; 606 electronic volumetric;
 - With European transformer 12/230V - 50Hz;
 - Accessories (e.g. upper screen, etc.) not included;
 - Programmable chronometric regeneration (calendar override) and consumption statistical data memory.



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| AB300 | VAL.368/604 3/4" M REFILL.14 INJ E DLFC 0.9 GPM 12/230V 50HZ EURO PLUG | 10 | 26 | • | |
| AB301 | VAL.368/604 3/4" M REFILL.14 INJ F DLFC 1.20 GPM 12/230V 50HZ EURO PLUG | 10 | 26 | • | |
| AB302 | VAL.368/604 3/4" M REFILL.14 INJ G DLFC 1.60 GPM 12/230V 50HZ EURO PLUG | 10 | 26 | • | |
| AB303 | VAL.368/604 3/4" M REFILL.14 INJ H DLFC 2.00 GPM 12/230V 50HZ EURO PLUG | 10 | 26 | • | |
| AB400 | VAL.368/606 3/4" M REFILL.14 INJ E DLFC 0.9 GPM 12/230V 50HZ EURO PLUG | 10 | 27 | • | |
| AB401 | VAL.368/606 3/4" M REFILL.14 INJ F DLFC 1.20 GPM 12/230V 50HZ EURO PLUG | 10 | 27 | • | |
| AB402 | VAL.368/606 3/4" M REFILL.14 INJ G DLFC 1.60 GPM 12/230V 50HZ EURO PLUG | 10 | 27 | • | |
| AB403 | VAL.368/606 3/4" M REFILL.14 INJ H DLFC 2.00 GPM 12/230V 50HZ EURO PLUG | 10 | 27 | • | |
| AB500 | VAL.368/606 3/4" M REF.14 INJ E DLFC 0.9 GPM 12/230V 50HZ EUR P+ BYPASS | 10 | 28 | • | |
| AB501 | VAL.368/606 3/4" M REF.14 INJ F DLFC 1.20 GPM 12/230V 50HZ EUR P+ BYPASS | 10 | 28 | • | |
| AB502 | VAL.368/606 3/4" M REF.14 INJ G DLFC 1.60 GPM 12/230V 50HZ EUR P+ BYPASS | 10 | 28 | • | |
| AB503 | VAL.368/606 3/4" M REF.14 INJ H DLFC 2.00 GPM 12/230V 50HZ EUR P+ BYPASS | 10 | 28 | • | |

| Characteristics: | |
|---|-------------------------|
| Pressure vessel connection | Threaded 2 ½" 8 UN male |
| Brine line connection | Threaded ¾" BSPT male |
| Distributor tube O. D. diameter | 1,05" (= 27 mm) |
| Distributor tube length above pressure vessel | ± ½" (= ± 13 mm) |
| Weight (valve + controller) | 1,7 kg |
| Operating pressure | 1,38 ÷ 8,27 bar |
| Water temperature | 2°C ÷ 38°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| 28x80x35 | 4 | 11,4 | 120x80x225 | 96 | 29,0 |

| Certificates | Manufacturer | Sectors |
|------------------------|--------------|----------------------|
| DM174-2004 ACS CE, EAC | Pentair | Domestic, Commercial |



Autotrol Residential Valves Series 255 with 460 tc Controller



- For automatic and residential water softening systems;
- valve body in NSF listed Noryl plastic material;
- valve rubber compounded for cold water, NSF listed material;
- operating flow rate Kv = 3,4;
- backwash flow rate = 22,7 lpm @ Δp 1,72 bar;
- resin volume range = 5 ÷ 75 litres;
- available with series 400 controller;
- 460tc electronic chronometric;
- with European transformer 12/230V - 50Hz;
- adapters and manifold kit not included, to order separately;
- accessories (e.g. upper screen, etc.) not included.



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| AA310 | VALV. 255/460tc 59' A-A 07 12/220V 50HZ SYM | 10 | 5 | • | |
| AA311 | VALV. 255/460tc 59' A-A 08 12/220V 50HZ SYM | 10 | 5 | • | |
| AA313 | VALV. 255/460tc 118' A-A 08 12/220V 50HZ SYM | 10 | 5 | • | |
| AA315 | VALV. 255/460tc 118' B-B 10 12/220V 50HZ SYM | 10 | 5 | • | |



Characteristics :

| | |
|---|-------------------------|
| Pressure vessel connection | Threaded 2 ½" 8 UN male |
| Brine line connection | Threaded ¼" NPT male |
| Distributor tube O. D. diameter | 1,05" (= 27 mm) |
| Distributor tube length above pressure vessel | 29 ± 3 mm |
| Weight (valve + controller) | 1,8 kg |
| Operating pressure | 1,38 ÷ 8,27 bar |
| Water temperature | 2°C ÷ 38°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | 4 | | | | |

Certificates

| Certificates | Manufacturer | Sectors |
|------------------------|--------------|----------|
| DM174-2004 ACS CE, EAC | Pentair | Domestic |



Autotrol Residential Valves Series 255 with Series Logix Controller



- For automatic and residential water softening systems;
- valve body in NSF listed Noryl plastic material;
- valve rubber compounded for cold water, NSF listed material; operating flow rate Kv = 3,4;
- backwash flow rate = 22,7 lpm @ Δp 1,72 bar;
- resin volume range = 5 + 75 litres;
- available with series LOGIX controller:
- 740 C electronic chronometric;
- 760 C electronic volumetric;
- 742 C electronic chronometric programmable;
- 762 C electronic volumetric programmable;
- with European transformer 12/230V - 50Hz;
- adapters and manifold kit not included, to order sep arately;
- accessories (e.g. upper screen, etc.) not included.



| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|---------|--|------|--------------|----------------|--|
| AA203E | VALV. 255/740C BW 07 INJ F SYMBOL 12/230V 50HZ EURO PLUG | 10 | 6 | • | |
| AA212E | VALV. 255/740C BW 10 INJ J SYMBOL 12/230V 50HZ EURO PLUG | 10 | 6 | • | |
| AA212EE | VALV. 255/740C BW 10 INJ J SYMBOL 12/230V 50HZ ENG. PLUG | 10 | 6 | • | |
| AA101E | VALV. 255/742C .33 F 07 SYMBOL 12/230V 50HZ EURO PLUG | 10 | 7 | • | |
| AA104E | VALV. 255/742C .33 J 10 SYMBOL 12/230V 50HZ EURO PLUG | 10 | 7 | • | |
| AC203E | VALV. 255/760C BW 07 INJ F SYMBOL 12/230V 50HZ EURO PLUG | 10 | 16 | • | |
| AC206E | VALV. 255/760C BW 08 INJ G SYMBOL 12/230V 50HZ EURO PLUG | 10 | 16 | • | |
| AC209E | VALV. 255/760C BW 09 INJ H SYMBOL 12/230V 50HZ EURO PLUG | 10 | 16 | • | |
| AC212E | VALV. 255/760C BW 10 INJ J SYMBOL 12/230V 50HZ EURO PLUG | 10 | 16 | • | |
| AC212EE | VALV. 255/760C BW 10 INJ J SYMBOL 12/230V 50HZ ENG. PLUG | 10 | 16 | • | |
| AC215E | VALV. 255/760C BW 12 INJ K SYMBOL 12/230V 50HZ EURO PLUG | 10 | 16 | • | |
| AC218E | VALV. 255/760C BW 13 INJ L SYMBOL 12/230V 50HZ EURO PLUG | 10 | 16 | • | |
| AC221E | VALV. 255/760C BW 14 INJ L SYMBOL 12/230V 50HZ EURO PLUG | 10 | 16 | • | |
| AC101E | VALV. 255/762C .33 F 07 SYMBOL 12/230V 50HZ EURO PLUG | 10 | 17 | • | |
| AC102E | VALV. 255/762C .33 G 08 SYMBOL 12/230V 50HZ EURO PLUG | 10 | 17 | • | |
| AC104E | VALV. 255/762C .33 J 10 SYMBOL 12/230V 50HZ EURO PLUG | 10 | 17 | • | |
| AC105E | VALV. 255/762C .33 K 12 SYMBOL 12/230V 50HZ EURO PLUG | 10 | 17 | • | |
| AC106E | VALV. 255/762C .33 L 13 SYMBOL 12/230V 50HZ EURO PLUG | 10 | 17 | • | |

| Characteristics : | |
|---|-------------------------|
| Pressure vessel connection | Threaded 2 ½" 8 UN male |
| Brine line connection | Threaded ¼" NPT male |
| Distributor tube O. D. diameter | 1,05" (= 27 mm) |
| Distributor tube length above pressure vessel | 29 ± 3 mm |
| Weight (valve + controller) | 1,8 kg |
| Operating pressure | 1,38 ÷ 8,27 bar |
| Water temperature | 2°C ÷ 38°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| 40x55x50 | 4 | 14,3 | 120x80x210 | 64 | 245 |

| Certificates | Manufacturer | Sectors |
|--------------------------|--------------|----------|
| DM174-2004, ACS, CE, EAC | Pentair | Domestic |



Residential Duplex Systems with Autotrol Valves Series 255 Twin and 764 Controller



- For automatic and residential / commercial water softening systems;
- For twin alternating and twin parallel systems;
- consisting of n.2 valves (one "main" and another one "secondary") with 764 electronic volumetric;
- with European transformer 12/230V - 50Hz;
- valve body in NSF listed Noryl plastic material;
- valve rubber compounded for cold water, NSF listed material;
- operating flow rate for each tank Kv = 3,4;
- backwash flow rate for each tank = 22,7 lpm @ Δp 1,72 bar;
- resin volume range for each tank = 5 ÷ 75 litres;
- interconnection kit (REF. AV119) and accessories (e.g. upper screen, etc.) not included, to order separately.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| AF054E | VALV. 255/764 TWIN BW 10 INJ J SYMBOL 12/230V 50HZ EURO PLUG | 10 | 30 | • | |
| AF056E | VALV. 255/764 TWIN BW 13 INJ L SYMBOL 12/230V 50HZ EURO PLUG | 10 | 30 | • | |

| Characteristics: | |
|---|---|
| Pressure vessel connection | Threaded 2 ½" 8 UN male |
| Drain line connection | Threaded ½" male, included in interconnection kit |
| Brine line connection | Threaded ¼" NPT male |
| Distributor tube O. D. diameter | 1,05" (= 27 mm) |
| Distributor tube length above pressure vessel | 29 ± 3 mm |
| Weight (valve + controller) | 1,8 kg |
| Operating pressure | 1,38 ÷ 8,27 bar |
| Water temperature | 2°C ÷ 38°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | 2 | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------------|--------------|----------|
| DM174-2004, ACS, CE, EAC | Pentair | Domestic |



Autotrol Residential Valves Series 263 with 460tc Controller



- For automatic and residential water filtration systems;
- with 460tc electronic chronometric controller;
- valve body in NSF listed Noryl plastic material;
- valve rubber compounded for cold water, NSF listed material;
- operating flow rate Kv = 5,6;
- backwash flow rate = 75,7 lpm @ Δp 1,72 bar;
- with European transformer 12/230V - 50Hz;
- adapters and manifold kit not included, to order separately;
- accessories (ex. upper screen, etc.) not included.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|--|------|--------------|----------------|--|
| AL060 | VALV. 263/460tc 118' BW 12 - 12V.50 HZ SYM | 10 | 45 | • | |

| Characteristics : | |
|---|-------------------------|
| Pressure vessel connection | Threaded 2 ½" 8 UN male |
| Drain line connection | Threaded ¾" NPT, male |
| Brine line connection | Threaded ⅜" NPT, male |
| Distributor tube O. D. diameter | 1,05" (= 27 mm) |
| Distributor tube length above pressure vessel | 29 ± 3 mm |
| Weight (valve + controller) | 2,00 kg |
| Operating pressure | 1,38 ÷ 8,27 bar |
| Water temperature | 2°C ÷ 38°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | 4 | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------------|--------------|----------|
| DM174-2004, ACS, CE, EAC | Pentair | Domestic |





Autotrol Residential Valves Series 268 with Series Logix Controller



- For automatic and residential water softening systems;
- valve body in NSF listed Noryl plastic material;
- valve rubber compounded for cold water, NSF listed material;
- operating flow rate Kv = 5,6;
- backwash flow rate = 75,7 lpm @ Δp 1,72 bar;
- resin volume range = 30 ÷ 125 litres;
- available with series LOGIX controller:
- 740 C electronic chronometric;
- 760 C electronic volumetric;
- 742 C electronic chronometric programmable;
- 762 C electronic volumetric programmable;
- with European transformer 12/230V - 50Hz;
- adapters and manifold kit not included, to order separately;
- accessories (e.g. upper screen, etc.) not included.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| AM218E | VALV. 268/740C BW 13 INJ L SYMBOL 12/230V 50HZ EURO PLUG | 10 | 47 | • | |
| AM061E | VALV. 268/742C .33 J 10 SYMBOL 12/230V 50HZ EURO PLUG | 10 | 46 | • | |
| AM062E | VALV. 268/742C .33 K 12 SYMBOL 12/230V 50HZ EURO PLUG | 10 | 46 | • | |
| AP221E | VALV. 268/760C BW 14 INJ L SYMBOL 12/230V 50HZ EURO PLUG | 10 | 49 | • | |
| AP042E | VALV. 268/762C .33 K 12 SYMBOL 12/230V 50HZ EURO PLUG | 10 | 51 | • | |
| AP044E | VALV. 268/762C .33 L 14 SYMBOL 12/230V 50HZ EURO PLUG | 10 | 51 | • | |

| Characteristics: | |
|---|-------------------------|
| Pressure vessel connection | Threaded 2 ½" 8 UN male |
| Drain line connection | Threaded ¾" NPT, male |
| Brine line connection | Threaded ⅜" NPT, male |
| Distributor tube O. D. diameter | 1,05" (= 27 mm) |
| Distributor tube length above pressure vessel | ½" ± ½" (= 13 ± 13 mm) |
| Weight (valve + controller) | 2,42 kg |
| Operating pressure | 1,38 ÷ 8,27 bar |
| Water temperature | 2°C ÷ 38°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | 4 | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------------|--------------|----------|
| DM174-2004, ACS, CE, EAC | Pentair | Domestic |



Autotrol Residential Valves Series 263 with Series Logix Controller



- For automatic and residential water filtration systems;
- valve body in NSF listed Noryl plastic material;
- valve rubber compounded for cold water, NSF listed material;
- operating flow rate Kv = 5,6;
- backwash flow rate = 75,7 lpm @ Δp 1,72 bar;
- available with series LOGIX controller:
- 740 F electronic chronometric;
- 760 F electronic volumetric;
- 742 F electronic chronometric programmable;
- 762 F electronic volumetric programmable;
- with European transformer 12/230V - 50Hz;
- adapters and manifold kit not included, to order separately;
- accessories (e.g. upper screen, etc.) not included.



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|--|------|----------|-------------|--|
| AL209E | VALV. 263/740F BW 13 INJ H SYMBOL 12/230V 50HZ EURO PLUG | 10 | 43 | • | |
| AL215E-00 | VALV.263/740F NO BW INJ K SYMBOL 12/230V 50HZ EURO PLUG | 10 | 43 | • | |
| AL073E | VALV. 263/742F BW 14 INJ L SYMBOL 12/230V 50HZ EURO PLUG | 10 | 41 | • | |
| AL075E-00 | VALV.263/742F NO BW INJ L SYMBOL 12/230V 50HZ EURO PLUG | 10 | 41 | • | |



| Characteristics: | |
|---|-------------------------|
| Pressure vessel connection | Threaded 2 ½" 8 UN male |
| Drain line connection | Threaded ¾" NPT, male |
| Brine line connection | Threaded ⅜" NPT, male |
| Distributor tube O. D. diameter | 1,05" (= 27 mm) |
| Distributor tube length above pressure vessel | ½" ± ¼" (= 13 ± 13 mm) |
| Weight (valve + controller) | 2,42 kg |
| Operating pressure | 1,38 ÷ 8,27 bar |
| Water temperature | 2°C ÷ 38°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | 4 | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------------|--------------|----------|
| DM174-2004, ACS, CE, EAC | Pentair | Domestic |



Autotrol Residential Valves Series 268FA with Series Logix Controller



- For automatic and residential water 5 cycles iron removal systems;
- valve body in NSF listed Noryl plastic material;
- valve rubber compounded for cold water, NSF listed material;
- operating flow rate Kv = 5,6;
- backwash flow rate = 75,7 lpm @ Δp 1,72 bar;
- available with series LOGIX controller:
- 742 F electronic chronometric programmable;
- 762 F electronic volumetric programmable;
- with European transformer 12/230V - 50Hz;
- adapters and manifold kit not included, to order separately;
- accessories (e.g. upper screen, etc.) not included.



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| AQ066E | VALV. 268FA/742 BW 10 GPM (13") INJ L SYMBOL 12/230V 50HZ EURO PLUG | 10 | 48 | • | |

| Characteristics : | |
|---|----------------------------|
| Pressure vessel connection | Threaded 2 1/2" 8 UN male |
| Drain line connection | Threaded 3/4" NPT, male |
| Brine line connection | Threaded 3/8" NPT, male |
| Distributor tube O. D. diameter | 1,05" (= 27 mm) |
| Distributor tube length above pressure vessel | 1/2" ± 1/2" (= 13 ± 13 mm) |
| Weight (valve + controller) | 2,42 kg |
| Operating pressure | 1,38 ÷ 8,27 bar |
| Water temperature | 2°C ÷ 38°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | 4 | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------------|--------------|----------|
| DM174-2004, ACS, CE, EAC | Pentair | Domestic |



Autotrol Residential Valves Series 278 with Series Logix Controller



- For automatic water softening systems with high resin volume;
- valve body in NSF listed Noryl plastic material;
- valve rubber compounded for cold water, NSF listed material;
- operating flow rate Kv = 5,6;
- backwash flow rate = 75,7 lpm @ Δp 1,72 bar;
- resin volume range = 45 ÷ 225 litres;
- available with series LOGIX controller:
- 742 C electronic chronometric programmable;
- 762 C electronic volumetric programmable;
- with European transformer 12/230V - 50Hz;
- adapters and manifold kit not included, to order separately;
- accessories (e.g. upper screen, etc.) not included



| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------|--|------|--------------|----------------|--|
| AR104E | VALV. 278/742C 1.3 M 14 SYMBOL 12/230V 50HZ EURO PLUG | 10 | 60 | • | |
| AR105E | VALV. 278/742C 1.3 N 16 (7 GPM) SYMBOL 12/230V 50HZ EURO PLUG | 10 | 60 | • | |
| AR106E | VALV. 278/742C 1.3 Q 18 (9 GPM) SYMBOL 12/230V 50HZ EURO PLUG | 10 | 60 | • | |
| AR114E | VALV. 278/762C 1.3 M 14 SYMBOL 12/230V 50HZ EURO PLUG | 10 | 60 | • | |
| AR115E | VALV. 278/762C 1.3 N 16 (7 GPM) SYMBOL 12/230V 50HZ EURO PLUG | 10 | 60 | • | |
| AR116E | VALV. 278/762C 1.3 Q 18 (9 GPM) SYMBOL 12/230V 50HZ EURO PLUG | 10 | 60 | • | |
| AR117E | VALV. 278/762C 1.3 R 21 (12 GPM) SYMBOL 12/230V 50HZ EURO PLUG | 10 | 60 | • | |

| Characteristics : | |
|---|-------------------------|
| Pressure vessel connection | Threaded 2 ½" 8 UN male |
| Drain line connection | Threaded ¾" NPT, male |
| Brine line connection | Threaded ⅜" NPT, male |
| Distributor tube O. D. diameter | 1,05" (= 27 mm) |
| Distributor tube length above pressure vessel | ½" ± ¼" (= 13 ± 13 mm) |
| Weight (valve + controller) | 2,42 kg |
| Operating pressure | 1,38 ÷ 8,27 bar |
| Water temperature | 2°C ÷ 38°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | 4 | | | | |

| Certificates | Manufacturer | Sectors |
|-------------------------|--------------|------------------------|
| DM174-2004, CS, CE, EAC | Pentair | Commercial, Industrial |





Residential Duplex Systems with Autotrol Residential Valves Series 278 Twin and 764 Controller



- For automatic and residential / commercial water softening systems;
- for twin alternating and twin parallel systems;
- consisting of n.2 valves (one "main" and another one "secondary") with 764 electronic volumetric;
- with European transformer 12/230V - 50Hz;
- valve body in NSF listed Noryl plastic material;
- valve rubber compounded for cold water, NSF listed material;
- operating flow rate for each tank Kv = 5,6;
- backwash flow rate for each tank = 75,7 lpm @ Δp 1,72 bar;
- resin volume range for each tank = 45 ÷ 225 litres;
- interconnection kit and accessories (e.g. upper screen, etc.) not included, to order separately

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------|--|------|--------------|----------------|--|
| AN083E | VALV. 278/764 TWIN 1.3 M 14 SYMBOL 12/230V 50HZ EURO PLUG | 10 | 53 | • | |
| AN084E | VALV. 278/764 TWIN 1.3 N 16 (7 GPM) SYMBOL 12/230V 50HZ EURO PLUG | 10 | 53 | • | |
| AN085E | VALV. 278/764 TWIN 1.3 Q 18 (9 GPM) SYMBOL 12/230V 50HZ EURO PLUG | 10 | 53 | • | |
| AN086E | VALV. 278/764 TWIN 1.3 R 21 (12 GPM) SYMBOL 12/230V 50HZ EURO PLUG | 10 | 53 | • | |

| Characteristics : | |
|---|-------------------------|
| Pressure vessel connection | Threaded 2 ½" 8 UN male |
| Drain line connection | Threaded ¾" NPT, male |
| Brine line connection | Threaded ⅜" NPT, male |
| Distributor tube O. D. diameter | 1,05" (= 27 mm) |
| Distributor tube length above pressure vessel | ½" ± ¼" (= 13 ± 13 mm) |
| Weight (valve + controller) | 2,42 kg |
| Operating pressure | 1,38 ÷ 8,27 bar |
| Water temperature | 2°C ÷ 38°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| 40x55x50 | 2 | 14,3 | 120x80x210 | 32 | 245 |

| Certificates | Manufacturer | Sectors |
|--------------------------|--------------|------------------------|
| DM174-2004, ACS, CE, EAC | Pentair | Commercial, Industrial |



Autotrol Residential Valves Series 278 with 764 Controller for Multitank Systems



- For automatic and residential / commercial water softening systems;
- with electronic volumetric 764 controller;
- for parallel systems;
- valve body in NSF listed Noryl plastic material;
- valve rubber compounded for cold water, NSF listed material;
- operating flow rate for each tank Kv = 5,6;
- backwash flow rate for each tank = 75,7 lpm @ Δp 1,72 bar;
- resin volume range for each tank = 45 ± 225 litres;
- with European transformer 12/230V - 50Hz for each valve;
- adapters and manifold kit not included, to order separately
- accessories (e.g. upper screen, etc.) not included.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| AN103E | VALV. 278/764L 1.3 M 14 SYMBOL 12/230V 50HZ EURO PLUG | 10 | 53 | • | |

| Characteristics : | |
|---|-------------------------|
| Pressure vessel connection | Threaded 2 ½" 8 UN male |
| Drain line connection | Threaded ¾" NPT, male |
| Brine line connection | Threaded ⅜" NPT, male |
| Distributor tube O. D. diameter | 1,05" (= 27 mm) |
| Distributor tube length above pressure vessel | ½" ± ½" (= 13 ± 13 mm) |
| Weight (valve + controller) | 2,42 kg |
| Operating pressure | 1,38 ÷ 8,27 bar |
| Water temperature | 2°C ÷ 38°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | 2 | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------------|--------------|------------------------|
| DM174-2004, ACS, CE, EAC | Pentair | Commercial, Industrial |



Autotrol Industrial Softening Magnum CV 1,5" Valves with Series Logix Controller



- For automatic and industrial water softening systems;
- valve body in NSF listed Noryl plastic material with 304 Stainless Steel tank adapter (for heavy applications, like iron removal using KMnO4 or decarbonisation using HCl, the Noryl tank adapter is available on request);
- o-rings in EPDM material;
- operating flow rate Kv = 17,3;
- backwash flow rate = 337 lpm @ Δp 1,72 bar;
- resin volume range = 100 ÷ 700 litres;
- available with series LOGIX controller;
- 742 electronic chronometric programmable;
- 762 electronic volumetric programmable;
- with European transformer 12/230V - 50/60 Hz;
- available with or without by-pass;
- adapters, manifold kit and accessories (e.g. upper screen, etc.) not included, to order separately;
- brine tank refill system doesn't need a brine valve, but just an air-check;
- PVC 2" side mounting adapter available on demand;
- if you want to connect the 2" turbine, you must order our ref. CD163 separately.



| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------|--|------|--------------|----------------|--|
| CA201E | MAGNUM 1.5" 298/742 16" (6 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 80 | • | |
| CA205E | MAGNUM 1.5" 298/742 30" (20 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 80 | • | |
| CA215E | MAGNUM 1.5" 298/742 30" (20 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 80 | • | |
| CA216E | MAGNUM 1.5" 298/742 36" (30 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 80 | • | |
| CA221E | MAGNUM 1.5" 298/762 16" (6 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 80 | • | |
| CA222E | MAGNUM 1.5" 298/762 18" (8 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 80 | • | |
| CA236E | MAGNUM 1.5" 298/762 36" (30 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 80 | • | |

| Characteristics: | |
|---|---|
| Pressure vessel connection | Threaded 4" - 8 UN male |
| Drain line connection | 1,5" brass – NPT/BSPT male D50 CPVC to glue |
| Brine line connection | Threaded ¾" NPT male |
| Distributor tube O. D. diameter | 1,5" (= 48,3 mm) |
| Pilot drain and auxiliary hydraulic out | ¼" tube fitting Jaco |
| Distributor tube length above pressure vessel | 16 ± 3 mm |
| Weight (valve + controller) | 12,3 kg |
| Operating pressure | 1,72 ÷ 6,90 bar |
| Water temperature | 1°C ÷ 36°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| 41x60x50 | 1 | 17,0 | 120x80x210 | 16 | 28,5 |

| Certificates | Manufacturer | Sectors |
|--------------------|--------------|------------------------|
| DM174-2004 CE, EAC | Pentair | Commercial, Industrial |



Autotrol Industrial Magnum CV 1,5" Valves for Filtration with Series Logix Controller



- For automatic and industrial water filtration systems;
- valve body in NSF listed Noryl plastic material with 304 Stainless Steel tank adapter (for heavy applications, like sea water, the Noryl tank adapter is available on request);
- o-rings in EPDM material;
- operating flow rate Kv = 17,3;
- backwash flow rate = 337 lpm @ Δp 1,72 bar;
- available with series LOGIX controller
- 742 F electronic chronometric programmable;
- 762 F electronic volumetric programmable;
- with European transformer 12/230V - 50/60 Hz;
- available with or without by-pass;
- adapters, manifold kit and accessories (e.g. upper screen, etc.) not included, to order separately
- PVC 2" side mounting adapter available on demand (REF. CC084).



| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------|--|------|--------------|----------------|--|
| CA240E | MAGNUM 1.5" 293/742F (5 GPM) UWB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 80 | • | |
| CA241E | MAGNUM 1.5" 293/742F (5 GPM) NUB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 80 | • | |

| Characteristics: | |
|---|---|
| Pressure vessel connection | Threaded 4" - 8 UN male |
| Drain line connection | 1,5" brass - NPT/BSPT male D50 CPVC to glue |
| Brine line connection | Threaded ¾" NPT male |
| Distributor tube O. D. diameter | 1,5" (= 48,3 mm) |
| Pilot drain and auxiliary hydraulic out | ¼" tube fitting Jaco |
| Distributor tube length above pressure vessel | 16 ± 3 mm |
| Weight (valve + controller) | 12,3 kg |
| Operating pressure | 1,72 ÷ 6,90 bar |
| Water temperature | 1°C ÷ 36°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | 1 | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------|--------------|------------------------|
| DM174-2004 CE, EAC | Pentair | Commercial, Industrial |



Autotrol Industrial Softening Magnum IT 2" Valves with Series Logix Controller



- for automatic and industrial water softening systems;
- valve body in NSF listed Noryl plastic material with 304 Stainless Steel tank adapter (for heavy applications, like iron removal using KMnO₄ or decarbonisation using HCl, the Noryl tank adapter is available on request);
- o-rings in EPDM material;
- operating flow rate Kv = 18,2;
- backwash flow rate = 337 lpm @ Δp 1,72 bar;
- resin volume range = 100 ÷ 700 litres;
- available with series LOGIX controller:
- 742 electronic chronometric programmable;
- 762 electronic volumetric programmable;
- with European transformer 12/230V - 50/60 Hz;
- available with or without by-pass;
- adapters, manifold kit and accessories (e.g. upper screen, etc.) not included, to order separately;
- brine tank refill system doesn't need a brine valve, but just an air-check;
- PVC 2" side mounting adapter available on demand (REF. CC084).



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| CB202E | MAGNUM IT 2" 298/742 18" (8 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 81 | • | |
| CB221E | MAGNUM IT 2" 298/762 16" (6 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 81 | • | |
| CB222E | MAGNUM IT 2" 298/762 18" (8 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 81 | • | |
| CB223E | MAGNUM IT 2" 298/762 21" (10 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 81 | • | |
| CB224E | MAGNUM IT 2" 298/762 24" (14 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 81 | • | |
| CB226E | MAGNUM IT 2" 298/762 36" (30 GPM) HWB SYMBOL 12/230V 50HZ | 20 | 81 | • | |
| CB234E | MAGNUM IT 2" 298/762 24" (14 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 81 | • | |
| CB236E | MAGNUM IT 2" 298/762 36" (30 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 81 | • | |

| Characteristics: | |
|---|---|
| Pressure vessel connection | Threaded 4" - 8 UN male |
| Drain line connection | 1,5" brass - NPT/BSPT male D50 CPVC to glue |
| Brine line connection | Threaded ¾" NPT male |
| Distributor tube O. D. diameter | 1,5" (= 48,3 mm) |
| Pilot drain and auxiliary hydraulic out | Jaco ¼" tubo |
| Distributor tube length above pressure vessel | 16 ± 3 mm |
| Weight (valve + controller) | 12,3 kg |
| Operating pressure | 1,72 ÷ 6,90 bar |
| Water temperature | 1°C ÷ 36°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | 1 | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------|--------------|------------------------|
| DM174-2004 CE, EAC | Pentair | Commercial, Industrial |



Autotrol Industrial Magnum IT 2" Valves for Filtration with Series Logix Controller



- For automatic and industrial water filtration systems;
- valve body in NSF listed Noryl plastic material with 304 Stainless Steel tank adapter (for heavy applications, like sea water, the Noryl tank adapter is available on request);
- o-rings in EPDM material;
- operating flow rate Kv = 18,2;
- backwash flow rate = 337 lpm @ Δp 1,72 bar;
- available with series LOGIX controller;
- 742 F electronic chronometric programmable;
- 762 F electronic volumetric programmable;
- with European transformer 12/230V - 50/60 Hz;
- available with or without by-pass;
- adapters, manifold kit and accessories (e.g. upper screen, etc.) not included, to order separately;
- PVC 2" side mounting adapter available on demand (REF. CC084).





Industrial Duplex Systems with Autotrol Softening Magnum IT 2" Valves and 764 Controller



- For automatic and industrial water softening systems;
- for twin alternating and twin parallel systems;
- consisting of n.2 valves (one "main" and another one "secondary") with 764 electronic volumetric;
- valve body in NSF listed Noryl plastic material with 304 Stainless Steel tank adapter (for heavy applications, like iron removal using KMnO4 or decarbonisation using HCl, the Noryl tank adapter is available on request);
- o-rings in EPDM material;
- operating flow rate for each tank Kv = 18,2;
- backwash flow rate for each tank = 337 lpm @ Δp 1,72 bar;
- resin volume range for each tank = 100 ÷ 700 litres;
- with European transformer 12/230V - 50/60 Hz;
- available with or without by-pass;
- adapters, manifold kit and accessories (e.g. upper screen, etc.) not included, to order separately;
- brine tank refill system doesn't need a brine valve, but just an air-check;
- PVC 2" side mounting adapter available on demand (REF. CC084);
- interconnection not included.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| CB250E | MAGNUM 298 2" MIT-TWS-764-14" (5 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 81 | • | |
| CB251E | MAGNUM 298 2" MIT-TWS-764-16" (6 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 81 | • | |
| CB252E | MAGNUM 298 2" MIT-TWS-764-18" (8 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 81 | • | |
| CB253E | MAGNUM 298 2" MIT-TWS-764-21" (10 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 81 | • | |
| CB254E | MAGNUM 298 2" MIT-TWS-764-24" (14 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 81 | • | |
| CB255E | MAGNUM 298 2" MIT-TWS-764-30" (20 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 81 | • | |
| CB256E | MAGNUM 298 2" MIT-TWS-764-36" (30 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG | 20 | 81 | • | |

| Characteristics: | |
|---|---|
| Pressure vessel connection | Threaded 4" - 8 UN male |
| Drain line connection | 1,5" brass - NPT/BSPT male D50 CPVC to glue |
| Brine line connection | Threaded ¾" NPT male |
| Distributor tube O. D. diameter | 1,5" (= 48,3 mm) |
| Pilot drain and auxiliary hydraulic out | ¼" tube fitting Jaco |
| Distributor tube length above pressure vessel | 16 ± 3 mm |
| Weight (valve + controller) | 12,3 kg |
| Operating pressure | 1,72 ÷ 6,90 bar |
| Water temperature | 1°C ÷ 36°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| 41x60x50 | 1 | 34,0 | 120x80x210 | 8 | 28,5 |

| Certificates | Manufacturer | Sectors |
|--------------------|--------------|------------------------|
| DM174-2004 CE, EAC | Pentair | Commercial, Industrial |



Autotrol Industrial Softening Magnum IT 2" Valves with 764 Controller for Multitank Systems





Series 400 Controllers for Autotrol Valves Series 255 - 263 - 268

Controllers for softeners characteristics



| Characteristic | 440i | 460tc | 460i |
|---------------------------|--------------------------|----------------------|----------------------|
| Controller type | Electromechanical | Electronic | Electronic |
| Regeneration mode | Chronometric: 7 or 6 day | Chronometric | Volumetric |
| Regeneration frequency | Daily | Daily | Daily |
| Regeneration cycle length | 59' or 118' | 59' or 118' | 59' or 118' |
| Cycle length | Fixed not modifiable | Fixed not modifiable | Fixed not modifiable |
| Salt setting | Pounds of salt | Pounds of salt | Pounds of salt |



Controllers for filtration characteristics

| Characteristic | 440i | 460tc |
|---------------------|-------------------------|----------------------|
| Controller type | Electromechanical | Electronic |
| Backwash mode | Chronometric: 7 or 6 gg | Chronometric |
| Backwash frequency | Daily | Daily |
| Filter cycle length | Fixed not modifiable | Fixed not modifiable |

Logix Controllers for Autotrol Valves Series 255 - 263 - 268 - 273 - 278 - 293 - 298

Controllers for softeners characteristics



| Characteristics | 740 C | 760 C | 742 C | 762 C | 764 |
|------------------------------|--|---------------------------------|--|---------------------------------|---------------------------------|
| Controller type | Electronic | Electronic | Electronic | Electronic | Electronic |
| Regeneration mode | Chronometric | Volumetric | Chronometric | Volumetric | Volumetric |
| Regeneration frequency | Fixed day or 0,5 ÷ 99 days calendar override | 0,5 ÷ 99 days calendar override | Fixed day or 0,5 ÷ 99 days calendar override | 0,5 ÷ 99 days calendar override | 0,5 ÷ 99 days calendar override |
| Adjustable regeneration time | Yes | Yes | Yes | Yes | Yes |
| Cycle length | Computer calculated | Computer calculated | Fully programmable | Fully programmable | Fully programmable |
| Salt setting | 3 options | 3 options | Fully adjustable | Fully adjustable | Fully adjustable |

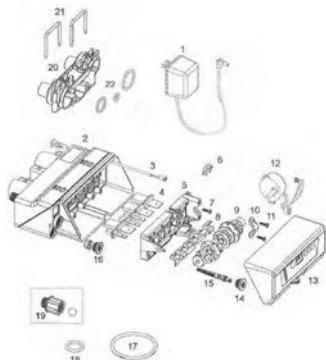


Controllers for filtration characteristics

| Characteristics | 740 F | 760 F | 742 F | 762 F | 764 F |
|------------------------|--|---------------------------------|--|---------------------------------|---------------------------------|
| Controller type | Electronic | Electronic | Electronic | Electronic | Electronic |
| Backwash mode | Chronometric | Volumetric | Chronometric | Volumetric | Volumetric |
| Backwash frequency | Fixed day or 0,5 ÷ 99 days calendar override | 0,5 ÷ 99 days calendar override | Fixed day or 0,5 ÷ 99 days calendar override | 0,5 ÷ 99 days calendar override | 0,5 ÷ 99 days calendar override |
| Adjustable cycle times | Programmable back wash time | Programmable back wash time | Fully programmable | Fully programmable | Fully programmable |
| Filter cycle length | Computer calculated | Computer calculated | Fully adjustable | Fully adjustable | Fully adjustable |



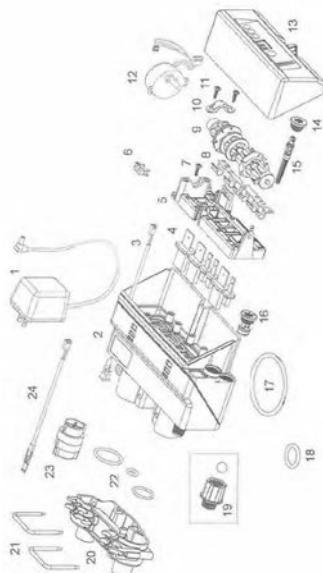
368/604 VALVE PARTS LIST



| Number | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|-------|---------|--|------|----------|-------------|--|
| 1 | AW500 | 1000814 | EUROPEAN TRANFORMER 230/12V | 10 | 64 | • | |
| 1 | AW501 | 1000813 | BRITISH TRANFORMER | 10 | 64 | • | |
| 3 | AW260 | 3022576 | OPTIC SENSOR POWER CABLE | 10 | 64 | • | |
| 4 | AW250 | 3007947 | VALVE DISCS KIT FOR 366 367 368 | 10 | 64 | • | |
| 6 | AW129 | 1235373 | OPTIC SENSOR P/N 1235373 | 10 | 64 | • | |
| 7 | AW174 | 3030450 | TOP PLATE SCREW NO 8x9/16" | 10 | 64 | • | |
| 8 | AW252 | 3022017 | SPRING ONE PIECE 366 367 368 | 10 | 64 | • | |
| 9 | AW253 | 3022014 | CAMSHAFT FOR 366 367 368 | 10 | 64 | • | |
| 10 | CD100 | 1000589 | PILLOW BLOCK CAP | 20 | 83 | • | |
| 11 | AW174 | 3030450 | TOP PLATE SCREW NO 8x9/16" | 10 | 64 | • | |
| 12 | AW254 | 3026537 | MOTOR CABLE ASSEMBLY 366 367 368 | 10 | 64 | • | |
| 13 | AW280 | 4001737 | TIMER 604 12V 50-60HZ | 10 | 64 | • | |
| 14 | AW107 | 1000269 | INJECTOR CAP/BACKWASH OPEN 00 | 10 | 64 | • | |
| 15 | AW266 | 3025326 | SCREEN ASSEMBLY INJECTOR E YELLOW WITH O-RING + FILTER 366 367 368 | 10 | 64 | • | |
| 15 | AW267 | 3025327 | SCREEN ASSEMBLY INJECTOR F PEACH WITH O-RING + FILTER 366 367 368 | 10 | 64 | • | |
| 15 | AW268 | 3025328 | SCREEN ASSEMBLY INJECTOR G TAN WITH O-RING + FILTER 366 367 368 | 10 | 64 | • | |
| 15 | AW269 | 3025329 | SCREEN ASSEMBLY INJECTOR H LIGHT PURPLE WITH O-RING + FILTER 366 367 368 | 10 | 64 | • | |
| 16 | AW115 | 1000221 | BRINE REFILL CONTROL ASSEMBLY .14GPM | 10 | 64 | • | |
| 17 | AW172 | 3029969 | O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2" | 10 | 64 | • | |
| 18 | AW169 | 3030918 | O-RING 1.05" | 10 | 64 | • | |
| 19 | AV146 | 3031526 | EXTERNAL BACKWASH CONTROL PEANUT 0.9 GPM # 06 | 10 | 62 | • | |
| 19 | AV147 | 3031527 | EXTERNAL BACKWASH CONTROL PEANUT 1.20 GPM # 07 | 10 | 62 | • | |
| 19 | AV148 | 3031528 | EXTERNAL BACKWASH CONTROL PEANUT 1.60 GPM # 08 | 10 | 62 | • | |
| 19 | AV149 | 3031529 | EXTERNAL BACKWASH CONTROL PEANUT 2.00 GPM # 09 | 10 | 62 | • | |
| 20 | AW255 | 3027832 | MANIFOLD 3/4" BSPT INLET/OUTLET | 10 | 64 | • | |
| 22 | AW257 | 3031825 | O-RING KIT MANIFOLD 367 | 10 | 64 | • | |
| Not shown | AV185 | 3022042 | MIXING VALVE FOR 366-368 VALVE | 10 | 62 | • | |



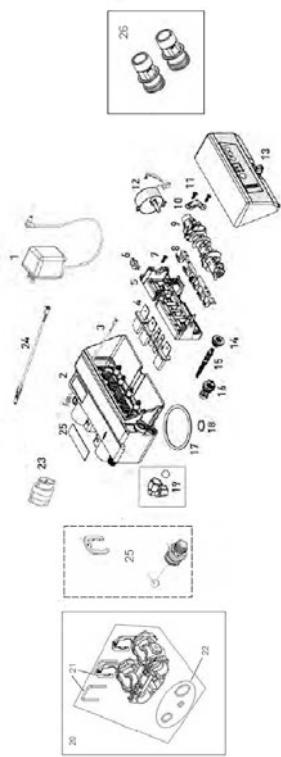
368/606 VALVE PARTS LIST



| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Dsip. Stock | |
|----------|-------|---------|--|------|----------|-------------|--|
| 1 | AW500 | 1000814 | EUROPEAN TRANFORMER 230/12V | 10 | 64 | • | |
| 1 | AW501 | 1000813 | BRITISH TRANFORMER | 10 | 64 | • | |
| 3 | AW260 | 3022576 | OPTIC SENSOR POWER CABLE | 10 | 64 | • | |
| 4 | AW250 | 3007947 | VALVE DISCS KIT FOR 366 367 368 | 10 | 64 | • | |
| 6 | AW129 | 1235373 | OPTIC SENSOR P/N 1235373 | 10 | 64 | • | |
| 7 | AW174 | 3030450 | TOP PLATE SCREW NO 8x9/16" | 10 | 64 | • | |
| 8 | AW252 | 3022017 | SPRING ONE PIECE 366 367 368 | 10 | 64 | • | |
| 9 | AW253 | 3022014 | CAMSHAFT FOR 366 367 368 | 10 | 64 | • | |
| 10 | CD100 | 1000589 | PILLOW BLOCK CAP | 20 | 83 | • | |
| 11 | AW174 | 3030450 | TOP PLATE SCREW NO 8x9/16" | 10 | 64 | • | |
| 12 | AW254 | 3026537 | MOTOR CABLE ASSEMBLY 366 367 368 | 10 | 64 | • | |
| 13 | AW281 | 4001738 | TIMER 606 12V 50-60HZ | 10 | 64 | • | |
| 14 | AW107 | 1000269 | INJECTOR CAP/BACKWASH OPEN 00 | 10 | 64 | • | |
| 15 | AW266 | 3025326 | SCREEN ASSEMBLY INJECTOR E YELLOW WITH O-RING + FILTER 366 367 368 | 10 | 64 | • | |
| 15 | AW267 | 3025327 | SCREEN ASSEMBLY INJECTOR F PEACH WITH O-RING + FILTER 366 367 368 | 10 | 64 | • | |
| 15 | AW268 | 3025328 | SCREEN ASSEMBLY INJECTOR G TAN WITH O-RING + FILTER 366 367 368 | 10 | 64 | • | |
| 15 | AW269 | 3025329 | SCREEN ASSEMBLY INJECTOR H LIGHT PURPLE WITH O-RING + FILTER 366 367 368 | 10 | 64 | • | |
| 16 | AW115 | 1000221 | BRINE REFILL CONTROL ASSEMBLY .14GPM | 10 | 64 | • | |
| 17 | AW172 | 3029969 | O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2" | 10 | 64 | • | |
| 18 | AW169 | 3030918 | O-RING 1.05" | 10 | 64 | • | |
| 19 | AV146 | 3031526 | EXTERNAL BACKWASH CONTROL PEANUT 0.9 GPM # 06 | 10 | 62 | • | |
| 19 | AV147 | 3031527 | EXTERNAL BACKWASH CONTROL PEANUT 1.20 GPM # 07 | 10 | 62 | • | |
| 19 | AV148 | 3031528 | EXTERNAL BACKWASH CONTROL PEANUT 1.60 GPM # 08 | 10 | 62 | • | |
| 19 | AV149 | 3031529 | EXTERNAL BACKWASH CONTROL PEANUT 2.00 GPM # 09 | 10 | 62 | • | |
| 20 | AW255 | 3027832 | MANIFOLD 3/4" BSPT INLET/OUTLET | 10 | 64 | • | |
| 21 | AW256 | 3027831 | CLIP ATTACCO VALV. 367 | 10 | 64 | • | |
| 22 | AW257 | 3031825 | O-RING KIT MANIFOLD 367 | 10 | 64 | • | |
| 23 | AW258 | 3027839 | METER ASSEMBLY 367 | 10 | 64 | • | |
| 24 | AW259 | 3027837 | TURBINE CABLE 367 | 10 | 64 | • | |
| Non Vis. | AV185 | 3022042 | MIXING VALVE FOR 366-368 VALVE | 10 | 62 | • | |



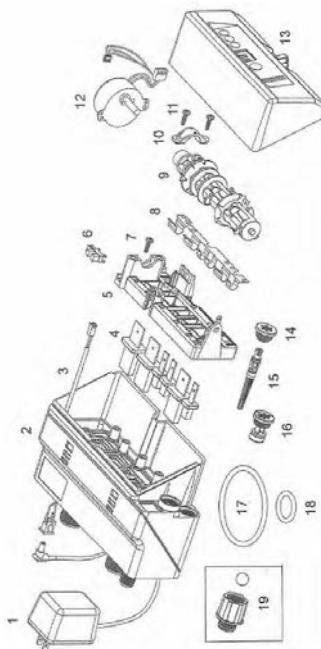
368/606B VALVE EXPLODED VIEW



| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|----------|--------|---------|--|------|----------|-------------|--|
| 1 | AW500 | 1000814 | EUROPEAN TRANFORMER 230/12V | 10 | 64 | • | |
| 1 | AW501 | 1000813 | BRITISH TRANFORMER | 10 | 64 | • | |
| 3 | AW260 | 3022576 | OPTIC SENSOR POWER CABLE | 10 | 64 | • | |
| 4 | AW250 | 3007947 | VALVE DISCS KIT FOR 366 367 368 | 10 | 64 | • | |
| 6 | AW129 | 1235373 | OPTIC SENSOR P/N 1235373 | 10 | 64 | • | |
| 7 | AW174 | 3030450 | TOP PLATE SCREW NO 8x9/16" | 10 | 64 | • | |
| 8 | AW252 | 3022017 | SPRING ONE PIECE 366 367 368 | 10 | 64 | • | |
| 9 | AW253 | 3022014 | CAMSHAFT FOR 366 367 368 | 10 | 64 | • | |
| 10 | CD100 | 1000589 | PILLOW BLOCK CAP | 20 | 83 | • | |
| 11 | AW174 | 3030450 | TOP PLATE SCREW NO 8x9/16" | 10 | 64 | • | |
| 12 | AW254 | 3026537 | MOTOR CABLE ASSEMBLY 366 367 368 | 10 | 64 | • | |
| 13 | AW281 | 4001738 | TIMER 606 12V 50-60HZ | 10 | 64 | • | |
| 14 | AW107 | 1000269 | INJECTOR CAP/BACKWASH OPEN 00 | 10 | 64 | • | |
| 15 | AW266 | 3025326 | SCREEN ASSEMBLY INJECTOR E YELLOW WITH O-RING + FILTER 366 367 368 | 10 | 64 | • | |
| 15 | AW267 | 3025327 | SCREEN ASSEMBLY INJECTOR F PEACH WITH O-RING + FILTER 366 367 368 | 10 | 64 | • | |
| 15 | AW268 | 3025328 | SCREEN ASSEMBLY INJECTOR G TAN WITH O-RING + FILTER 366 367 368 | 10 | 64 | • | |
| 15 | AW269 | 3025329 | SCREEN ASSEMBLY INJECTOR H LIGHT PURPLE WITH O-RING + FILTER 366 367 368 | 10 | 64 | • | |
| 16 | AW115 | 1000221 | BRINE REFILL CONTROL ASSEMBLY .14GPM | 10 | 64 | • | |
| 17 | AW172 | 3029969 | O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2" | 10 | 64 | • | |
| 18 | AW169 | 3030918 | O-RING 1.05" | 10 | 64 | • | |
| 19 | AV174 | | ELBOW DRAIN FITTING 1/2" F | 10 | 62 | • | |
| 20 | AW290 | 4000886 | BYPASS VALVE 368/606 | 10 | 64 | • | |
| 22 | AW257 | 3031825 | O-RING KIT MANIFOLD 367 | 10 | 64 | • | |
| 23 | AW258 | 3027839 | METER ASSEMBLY 367 | 10 | 64 | • | |
| 24 | AW259 | 3027837 | TURBINE CABLE 367 | 10 | 64 | • | |
| 25 | AV146B | 4001297 | EXTERNAL BACKWASH CONTROL 368 BYPASS 0.90 GPM # 06 | 10 | 62 | • | |
| 25 | AV147B | 4001298 | EXTERNAL BACKWASH CONTROL 368 BYPASS 1.20 GPM # 07 | 10 | 62 | • | |
| 25 | AV148B | 4001299 | EXTERNAL BACKWASH CONTROL 368 BYPASS 1.60 GPM # 08 | 10 | 62 | • | |
| 25 | AV149B | 4001300 | EXTERNAL BACKWASH CONTROL 368 BYPASS 2.0 GPM # 09 | 10 | 62 | • | |
| 26 | AW275 | 4001606 | KIT 3/4" BSP CONNECTORS | 10 | 64 | • | |
| Non Vis. | AV185 | 3022042 | MIXING VALVE FOR 366-368 VALVE | 10 | 62 | • | |



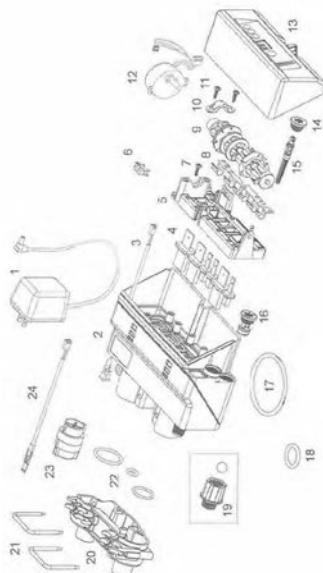
366/604 VALVE PARTS LIST



| Numero | Ref | P.N. | Description | Fam. | Sotto Fam. | Disp. Stock | |
|-----------|-------|---------|--|------|------------|-------------|--|
| 1 | AW500 | 1000814 | EUROPEAN TRANFORMER 230/12V | 10 | 64 | • | |
| 1 | AW501 | 1000813 | BRITISH TRANFORMER | 10 | 64 | • | |
| 3 | AW260 | 3022576 | OPTIC SENSOR POWER CABLE | 10 | 64 | • | |
| 4 | AW250 | 3007947 | VALVE DISCS KIT FOR 366 367 368 | 10 | 64 | • | |
| 6 | AW129 | 1235373 | OPTIC SENSOR P/N 1235373 | 10 | 64 | • | |
| 7 | AW174 | 3030450 | TOP PLATE SCREW NO 8x9/16" | 10 | 64 | • | |
| 8 | AW252 | 3022017 | SPRING ONE PIECE 366 367 368 | 10 | 64 | • | |
| 9 | AW253 | 3022014 | CAMSHAFT FOR 366 367 368 | 10 | 64 | • | |
| 10 | CD100 | 1000589 | PILLOW BLOCK CAP | 20 | 83 | • | |
| 11 | AW174 | 3030450 | TOP PLATE SCREW NO 8x9/16" | 10 | 64 | • | |
| 12 | AW254 | 3026537 | MOTOR CABLE ASSEMBLY 366 367 368 | 10 | 64 | • | |
| 13 | AW280 | 4001737 | TIMER 604 12V 50-60HZ | 10 | 64 | • | |
| 14 | AW107 | 1000269 | INJECTOR CAP/BACKWASH OPEN 00 | 10 | 64 | • | |
| 15 | AW266 | 3025326 | SCREEN ASSEMBLY INJECTOR E YELLOW WITH O-RING + FILTER 366 367 368 | 10 | 64 | • | |
| 15 | AW267 | 3025327 | SCREEN ASSEMBLY INJECTOR F PEACH WITH O-RING + FILTER 366 367 368 | 10 | 64 | • | |
| 15 | AW268 | 3025328 | SCREEN ASSEMBLY INJECTOR G TAN WITH O-RING + FILTER 366 367 368 | 10 | 64 | • | |
| 15 | AW269 | 3025329 | SCREEN ASSEMBLY INJECTOR H LIGHT PURPLE WITH O-RING + FILTER 366 367 368 | 10 | 64 | • | |
| 16 | AW115 | 1000221 | BRINE REFILL CONTROL ASSEMBLY .14GPM | 10 | 64 | • | |
| 17 | AW172 | 3029969 | O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2" | 10 | 64 | • | |
| 18 | AW169 | 3030918 | O-RING 1.05" | 10 | 64 | • | |
| 19 | AV146 | 3031526 | EXTERNAL BACKWASH CONTROL PEANUT 0.9 GPM # 06 | 10 | 62 | • | |
| 19 | AV147 | 3031527 | EXTERNAL BACKWASH CONTROL PEANUT 1.20 GPM # 07 | 10 | 62 | • | |
| 19 | AV148 | 3031528 | EXTERNAL BACKWASH CONTROL PEANUT 1.60 GPM # 08 | 10 | 62 | • | |
| 19 | AV149 | 3031529 | EXTERNAL BACKWASH CONTROL PEANUT 2.00 GPM # 09 | 10 | 62 | • | |
| N.Visual. | AV185 | 3022042 | MIXING VALVE FOR 366-368 VALVE | 10 | 62 | • | |



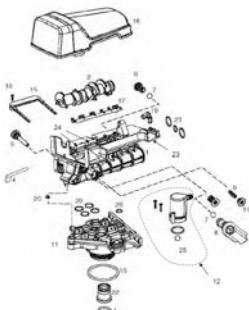
367/606 VALVE PARTS LIST



| Numero | Ref | P.N. | Description | Fam. | Sotto Fam. | Disp. Stock | |
|-----------|-------|---------|--|------|------------|-------------|--|
| 1 | AW500 | 1000814 | EUROPEAN TRANFORMER 230/12V | 10 | 64 | • | |
| 1 | AW501 | 1000813 | BRITISH TRANFORMER | 10 | 64 | • | |
| 3 | AW260 | 3022576 | OPTIC SENSOR POWER CABLE | 10 | 64 | • | |
| 4 | AW250 | 3007947 | VALVE DISCS KIT FOR 366 367 368 | 10 | 64 | • | |
| 6 | AW129 | 1235373 | OPTIC SENSOR P/N 1235373 | 10 | 64 | • | |
| 7 | AW174 | 3030450 | TOP PLATE SCREW NO 8x9/16" | 10 | 64 | • | |
| 8 | AW252 | 3022017 | SPRING ONE PIECE 366 367 368 | 10 | 64 | • | |
| 9 | AW253 | 3022014 | CAMSHAFT FOR 366 367 368 | 10 | 64 | • | |
| 10 | CD100 | 1000589 | PILLOW BLOCK CAP | 20 | 83 | • | |
| 11 | AW174 | 3030450 | TOP PLATE SCREW NO 8x9/16" | 10 | 64 | • | |
| 12 | AW254 | 3026537 | MOTOR CABLE ASSEMBLY 366 367 368 | 10 | 64 | • | |
| 13 | AW281 | 4001738 | TIMER 606 12V 50-60HZ | 10 | 64 | • | |
| 14 | AW107 | 1000269 | INJECTOR CAP/BACKWASH OPEN 00 | 10 | 64 | • | |
| 15 | AW266 | 3025326 | SCREEN ASSEMBLY INJECTOR E YELLOW WITH O-RING + FILTER 366 367 368 | 10 | 64 | • | |
| 15 | AW267 | 3025327 | SCREEN ASSEMBLY INJECTOR F PEACH WITH O-RING + FILTER 366 367 368 | 10 | 64 | • | |
| 15 | AW268 | 3025328 | SCREEN ASSEMBLY INJECTOR G TAN WITH O-RING + FILTER 366 367 368 | 10 | 64 | • | |
| 15 | AW269 | 3025329 | SCREEN ASSEMBLY INJECTOR H LIGHT PURPLE WITH O-RING + FILTER 366 367 368 | 10 | 64 | • | |
| 16 | AW115 | 1000221 | BRINE REFILL CONTROL ASSEMBLY .14GPM | 10 | 64 | • | |
| 17 | AW172 | 3029969 | O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2" | 10 | 64 | • | |
| 18 | AW169 | 3030918 | O-RING 1.05" | 10 | 64 | • | |
| 19 | AV146 | 3031526 | EXTERNAL BACKWASH CONTROL PEANUT 0.9 GPM # 06 | 10 | 62 | • | |
| 19 | AV147 | 3031527 | EXTERNAL BACKWASH CONTROL PEANUT 1.20 GPM # 07 | 10 | 62 | • | |
| 19 | AV148 | 3031528 | EXTERNAL BACKWASH CONTROL PEANUT 1.60 GPM # 08 | 10 | 62 | • | |
| 19 | AV149 | 3031529 | EXTERNAL BACKWASH CONTROL PEANUT 2.00 GPM # 09 | 10 | 62 | • | |
| 20 | AW255 | 3027832 | MANIFOLD 3/4" BSPT INLET/OUTLET | 10 | 64 | • | |
| 21 | AW256 | 3027831 | CLIP ATTACCO VALV. 367 | 10 | 64 | • | |
| 22 | AW257 | 3031825 | O-RING KIT MANIFOLD 367 | 10 | 64 | • | |
| 23 | AW258 | 3027839 | METER ASSEMBLY 367 | 10 | 64 | • | |
| 24 | AW259 | 3027837 | TURBINE CABLE 367 | 10 | 64 | • | |
| N.Visual. | AV185 | 3022042 | MIXING VALVE FOR 366-368 VALVE | 10 | 62 | • | |



255-440i/460i/460TC VALVE EXPLODED VIEW & PARTS LIST



| Numero | Ref | P.N. | Description | Fam. | Sotto Fam. | Disp. Stock | |
|-------------------|--------|---------|--|------|------------|-------------|--|
| | AW164A | | 255/400 VALVE ASSEMBLY NEW STYLE PLATE W/O FLOW CONTROLS | 10 | 64 | • | |
| 1+17+19+ 23+24 | AW164A | 1000232 | 255/400 VALVE ASSEMBLY NEW STYLE PLATE W/O FLOW CONTROLS | 10 | 64 | • | |
| 2 | AW150 | 1031950 | STANDARD CAMSHAFT ONE PIECE | 10 | 64 | | |
| 2 | AW152 | 1033025 | CANSHAFT XS-LR EXTRA SALT | 10 | 64 | | |
| 2 | AW153 | 1033026 | CAMSHAFT LONG RINSE | 10 | 64 | | |
| 2 | AW154 | 1032969 | CAMSHAFT WATER SAVER | 10 | 64 | | |
| 3 | AW146A | 1030501 | CAMSHAFT BEARING FOR COVER Lid NEW STYLE | 10 | 64 | | |
| 4 | AW185 | 1031391 | TIMER LOCKING PIN | 10 | 64 | • | |
| 5 | AW125 | 1000226 | SCREEN/CAP ASSEMBLY W/O-RING | 10 | 64 | • | |
| 6 | AW100 | 1000209 | BACKWASH CONTROL 07 WITH O-RING | 10 | 64 | • | |
| 6 | AW101 | 1000210 | BACKWASH CONTROL 08 WITH O-RING | 10 | 64 | • | |
| 6 | AW102 | 1000211 | BACKWASH CONTROL 09 WITH O-RING | 10 | 64 | • | |
| 6 | AW103 | 1000212 | BACKWASH CONTROL 10 WITH O-RING | 10 | 64 | • | |
| 6 | AW104 | 1000213 | BACKWASH CONTROL 12 WITH O-RING | 10 | 64 | • | |
| 6 | AW105 | 1000214 | BACKWASH CONTROL 13 WITH O-RING | 10 | 64 | • | |
| 6 | AW106 | 1000215 | BACKWASH CONTROL 14 WITH O-RING | 10 | 64 | • | |
| 7 | AW139 | 1030502 | FLOW CONTROL BALL | 10 | 64 | • | |
| 8 | AW110 | 1034261 | BRINE REFILL CONTROL 10 Lbs | 10 | 64 | • | |
| 8 | AW111 | 1034263 | BRINE REFILL CONTROL 19 Lbs | 10 | 64 | • | |
| 9 | AW130 | 1032970 | INJECTOR A WHITE WITH O-RING | 10 | 64 | • | |
| 9 | AW131 | 1032971 | INJECTOR B BLUE WITH O-RING | 10 | 64 | • | |
| 9 | AW132 | 1032972 | INJECTOR C RED WITH O-RING | 10 | 64 | • | |
| 10 | AW107 | 1000269 | INJECTOR CAP/BACKWASH OPEN 00 | 10 | 64 | • | |

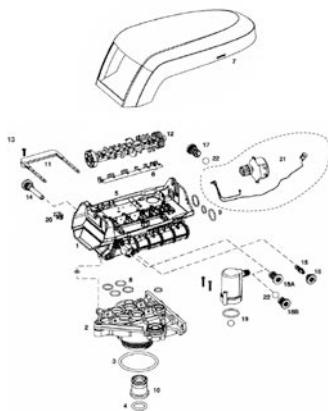


255-440i/460i/460TC VALVE EXPLODED VIEW & PARTS LIST

| Numero | Ref | P.N. | Description | Fam. | Sotto Fam. | Disp. Stock | |
|-----------------|--------|---------|---|------|------------|-------------|--|
| 11 | AW170 | 1033784 | ADAPTER PRESSURE VESSEL 2.1/2" FOR TUBE 1.05" | 10 | 64 | • | |
| 12 | AW190 | 1032417 | KIT AIR-CHECK 1/4" MALE | 10 | 64 | • | |
| 13 | AW186 | 3029969 | NUT 3/4" - 1" | 10 | 64 | • | |
| 14 | AW169 | 3030918 | O-RING 1.05" | 10 | 64 | • | |
| 15 | AW173 | 1031405 | LOCKING BAR | 10 | 64 | • | |
| 16 | AW174 | 3030450 | TOP PLATE SCREW NO 8x9/16" | 10 | 64 | • | |
| 17 | AW163 | 1235341 | SPRING ONE PIECE 255 VALVE P/N 1235341 | 10 | 64 | • | |
| N.Visual. | AW181 | 1001580 | VALVE DISC SPRING | 10 | 64 | • | |
| 18 | AW141A | 3019870 | COVER FOR 255-263-268 SERIE 400 (I-Lid) NEW STYLE | 10 | 64 | | |
| 19 | AW146A | 3019873 | CAMSHAFT BEARING FOR COVER Lid NEW STYLE | 10 | 64 | | |
| N.Visual. | AW191 | 1033066 | NEW TO OLD AIR CHECK ADAPTER | 10 | 64 | • | |
| 20 | AW195 | 1001404 | O-RING SET FOR 255 VALVE TOP/BOTTOM COUPLING | 10 | 64 | • | |
| 21 | AW196 | 1040459 | O-RING SET* | 10 | 64 | • | |
| N.Visual. | AW197 | | O-RING SET W/SCREWS AND NUTS* | 10 | 64 | • | |
| 22 | AW171 | 1001986 | 13/16 RUBBER INSERT | 10 | 64 | • | |
| 23 | AW160A | 3019871 | NEW STYLE SERIES 400 TOP PLATE FOR VALVE 255 | 10 | 64 | • | |
| 24 | AW180 | 1000250 | VALVE DISCS KIT FOR 255 | 10 | 64 | • | |
| 25 | AW140 | 1030528 | AIR-CHECK BALL | 10 | 64 | • | |
| N.Visual. | AV037 | 1239760 | BLENDING KIT SCREW FOR 700 SERIES AND 255/400 NEW STYLE | 10 | 62 | • | |
| N.Visual. | AV059 | 1239753 | TOP PLATE SWITCH KIT 253-5/263-8 0,1A | 10 | 62 | • | |
| N.Visual. | AV069 | 1239754 | TOP PLATE SWITCH KIT 253-5/263-8 5A | 10 | 62 | • | |
| 17+18+19 +23 | AW211 | 3034598 | UPGRADE KIT 255 SERIE 400 NEW STYLE | 10 | 64 | | |



VALVE LOGIX 255 PARTS LIST



| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|-------|---------|---|------|----------|-------------|--|
| 1+5+6 | AW168 | 1244650 | 255/700 VALVE ASSEMBLY W/O FLOW CONTROLS | 10 | 64 | • | |
| 2 | AW170 | 1033784 | ADAPTER PRESSURE VESSEL 2.1/2" FOR TUBE 1.05" | 10 | 64 | • | |
| 3 | AW172 | 3029969 | O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2" | 10 | 64 | • | |
| 4 | AW169 | 3030918 | O-RING 1.05" | 10 | 64 | • | |
| 5 | AW162 | 1235340 | TOP PLATE 253/255 LOGIX P/N 1235341 | 10 | 64 | • | |
| 6 | AW163 | 1235341 | SPRING ONE PIECE 255 VALVE P/N 1235341 | 10 | 64 | • | |
| 7 | AW148 | 1236246 | 253-5/263-8 LOGIX STANDARD COVER P/N 1236246 | 10 | 64 | | |
| N.Visual. | AW145 | 1242234 | 255 LOGIX SLIM COVER | 10 | 64 | • | |
| 8 | AW195 | 1001404 | O-RING SET FOR 255 VALVE TOP/BOTTOM COUPLING | 10 | 64 | • | |
| 9 | AW196 | 1040459 | O-RING SET* | 10 | 64 | • | |
| 10 | AW171 | 1001986 | 13/16 RUBBER INSERT | 10 | 64 | • | |
| N.Visual. | AW180 | 1000250 | VALVE DISCS KIT FOR 255 | 10 | 64 | • | |
| N.Visual. | AV037 | 1239760 | BLENDING KIT SCREW FOR 700 SERIES AND 255/400 NEW STYLE | 10 | 62 | • | |
| 11 | AW173 | 1031405 | LOCKING BAR | 10 | 64 | • | |
| 12 | AW149 | 1235353 | CAMSHAFT 253/255 LOGIX P/N 1235353 | 10 | 64 | • | |
| 13 | AW174 | 3030450 | TOP PLATE SCREW NO 8x9/16" | 10 | 64 | • | |
| 14 | AW125 | 1000226 | SCREEN/CAP ASSEMBLY W/O-RING | 10 | 64 | • | |
| 15 | AW133 | 1035730 | INJECTOR E YELLOW WITH O-RING | 10 | 64 | • | |
| 15 | AW134 | 1035731 | INJECTOR F PEACH WITH O-RING | 10 | 64 | • | |
| 15 | AW135 | 1035732 | INJECTOR G TAN WITH O-RING | 10 | 64 | • | |
| 15 | AW136 | 1035733 | INJECTOR H LIGHT PURPLE WITH O-RING | 10 | 64 | • | |
| 15 | AW137 | 1035734 | INJECTOR J LIGHT BLUE WITH O-RING | 10 | 64 | • | |
| 15 | AW138 | 1035735 | INJECTOR K PINK WITH O-RING | 10 | 64 | • | |
| 15 | AW348 | 1035736 | INJECTOR L ORANGE WITH O-RING P/N 1035736 | 10 | 64 | • | |
| 15 | AW349 | 1035737 | INJECTOR M BROWN WITH O-RING P/N 1035737 | 10 | 64 | • | |
| 15 | AW350 | 1035738 | INJECTOR N GREEN WITH O-RING P/N 1035738 | 10 | 64 | • | |
| 15 | AW351 | 1035739 | INJECTOR Q PURPLE WITH O-RING P/N 1035739 | 10 | 64 | • | |
| 15 | AW352 | 1035884 | INJECTOR R GREY WITH O-RING P/N 1035884 | 10 | 64 | • | |

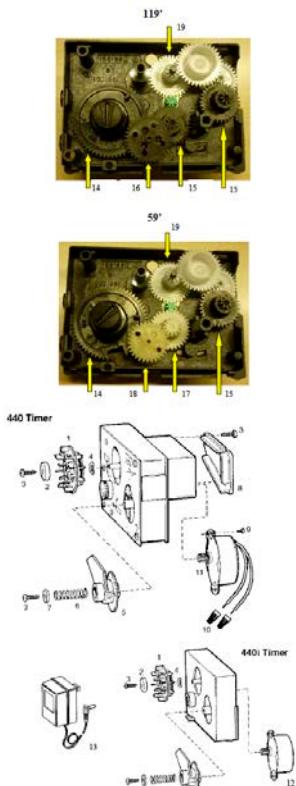


VALVE LOGIX 255 EXPLODED VIEW AND PARTS LIST

| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|--------|---------|--|------|----------|-------------|--|
| 16 | AW107 | 1000269 | INJECTOR CAP/BACKWASH OPEN 00 | 10 | 64 | • | |
| 17 | AW100 | 1000209 | BACKWASH CONTROL 07 WITH O-RING | 10 | 64 | • | |
| 17 | AW101 | 1000210 | BACKWASH CONTROL 08 WITH O-RING | 10 | 64 | • | |
| 17 | AW102 | 1000211 | BACKWASH CONTROL 09 WITH O-RING | 10 | 64 | • | |
| 17 | AW103 | 1000212 | BACKWASH CONTROL 10 WITH O-RING | 10 | 64 | • | |
| 17 | AW104 | 1000213 | BACKWASH CONTROL 12 WITH O-RING | 10 | 64 | • | |
| 17 | AW105 | 1000214 | BACKWASH CONTROL 13 WITH O-RING | 10 | 64 | • | |
| 17 | AW106 | 1000215 | BACKWASH CONTROL 14 WITH O-RING | 10 | 64 | • | |
| 18B | AW118 | 1243511 | BRINE REFILL CONTROL .33 GPM | 10 | 64 | • | |
| 19 | AW190 | 1032417 | KIT AIR-CHECK 1/4" MALE | 10 | 64 | • | |
| 20 | AW129 | 1235373 | OPTIC SENSOR P/N 1235373 | 10 | 64 | • | |
| 21 | AW126 | 1238861 | MOTOR W/SPACER AND PINION AND CABLE SERIES 700 P/N 1238861 | 10 | 64 | • | |
| 22 | AW139 | 1030502 | FLOW CONTROL BALL | 10 | 64 | • | |
| N.Visual. | AW191 | 1033066 | NEW TO OLD AIR CHECK ADAPTER | 10 | 64 | • | |
| N.Visual. | AW140 | 1030528 | AIR-CHECK BALL | 10 | 64 | • | |
| N.Visual. | AW128 | 1035446 | TURBINE CABLE 255-268-278/700 | 10 | 64 | • | |
| N.Visual. | AX040 | 1244336 | KIT CHLORINE GENERATOR 255/268 LOGIX | 10 | 70 | • | |
| N.Visual. | AW124 | 3029962 | MOTOR LOCKING PIN P/N 3029962 | 10 | 64 | • | |
| N.Visual. | AV057 | 1239711 | FRONT MOUNT SWITCH KIT 253-5/263-8 0,1A | 10 | 62 | • | |
| N.Visual. | AV058 | 1239752 | FRONT MOUNT SWITCH KIT 253-5/263-8 5A | 10 | 62 | • | |
| N.Visual. | AV059 | 1239753 | TOP PLATE SWITCH KIT 253-5/263-8 0,1A | 10 | 62 | • | |
| N.Visual. | AV069 | 1239754 | TOP PLATE SWITCH KIT 253-5/263-8 5A | 10 | 62 | • | |
| N.Visual. | AV036 | 1263718 | KIT REMOTE LOGIX CONTROL W/CABLE LG.32 P/N 1263718 | 10 | 62 | | |
| N.Visual. | AV036A | 1256257 | KIT REMOTE LOGIX CONTROL W/TERMINAL BLOCKS P/N 1256257 | 10 | 62 | | |
| N.Visual. | AV023 | 1242411 | EXTENSION CORD Lg=50cm FOR CAB. P/N 1242411 | 10 | 62 | | |
| N.Visual. | AV023A | 1239979 | 4 PIN CONNECTOR CABLE START 700 SERIES | 10 | 62 | • | |
| N.Visual. | AW500 | 1000814 | EUROPEAN TRANFORMER 230/12V | 10 | 64 | • | |
| N.Visual. | AW501 | 1000813 | BRITISH TRANFORMER | 10 | 64 | • | |



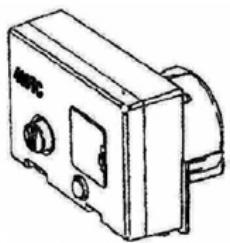
SERIES 400 TIMER EXPLODED VIEW (440i-460i-460TC)



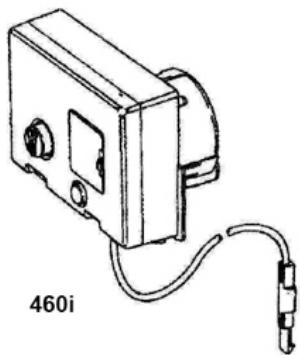
| Numero | Ref | P.N. | Description | Fam. | Sotto Fam. | Disp. Stock | |
|-----------|-------|---------|--|------|------------|-------------|--|
| 1 | AW400 | 1031740 | 6 DAYS KIT DISCS FOR 440-440i | 10 | 64 | | |
| 1 | AW401 | 1031742 | 7 DAYS KIT DISCS FOR 440-440i | 10 | 64 | • | |
| 3 | AW451 | 3030002 | MOTOR CAP SCREW | 10 | 64 | | |
| 4 | AW412 | 3030003 | BOWED WASHER P/N 3030003 | 10 | 64 | | |
| 5 | AW402 | 1031756 | TRIPPER ARM ASSEMBLY 440-440i | 10 | 64 | • | |
| 6 | AW413 | 1030830 | SPRING P/N 1030830 | 10 | 64 | | |
| 10 | AW410 | 1007416 | WIRE NUT P/N 1007483 | 10 | 64 | | |
| 11 | AW420 | 1000377 | 230V-50HZ MOTOR FOR 440-450 | 10 | 64 | | |
| 11 | AW421 | 3003134 | MOTORE 24V.50 HZ PER 440-450 | 10 | 64 | | |
| 12 | AW433 | 1001569 | 12V-60HZ MOTOR FOR 440i | 10 | 64 | | |
| 12 | AW424 | 1000098 | 9V-50HZ MOTOR FOR 460i-460tc | 10 | 64 | • | |
| 12 | AW434 | | 9V-60HZ MOTOR FOR 460i-460tc | 10 | 64 | • | |
| 13 | AW500 | 1000814 | EUROPEAN TRANFORMER 230/12V | 10 | 64 | • | |
| 13 | AW501 | 1000813 | BRITISH TRANFORMER | 10 | 64 | • | |
| 14 | AW405 | 1001833 | OUTPUT CONNECTOR W/BLACK START BUTTON 440i | 10 | 64 | | |
| N.Visual. | AW406 | 1001000 | BLACK START BUTTON 460i-460 tc | 10 | 64 | | |
| N.Visual. | AW453 | 1005120 | CABLE PRESS W/CABLE (440) | 10 | 64 | | |
| 15 | AW454 | 1031554 | BLACK GEAR 119' A(INF.# 8) | 10 | 64 | | |
| 16 | AW455 | 1030844 | BLACK GEAR 119' B | 10 | 64 | | |
| 17 | AW456 | 1030842 | WHITE GEAR 59' A (INF.# 13) | 10 | 64 | | |
| 18 | AW457 | 1030843 | WHITE GEAR 59' B | 10 | 64 | | |
| N.Visual. | AW458 | 1031555 | BLACK GEAR 90' A (INF.# 10) | 10 | 64 | | |
| N.Visual. | AW459 | 1030845 | BLACK GEAR 90' B | 10 | 64 | | |
| 19 | AW449 | 1030841 | WHITE GEAR FOR TIMER 440i P/N 1030841 | 10 | 64 | | |



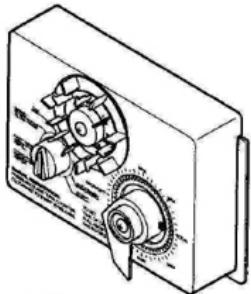
SERIES 400 TIMER LIST



460tc



460i

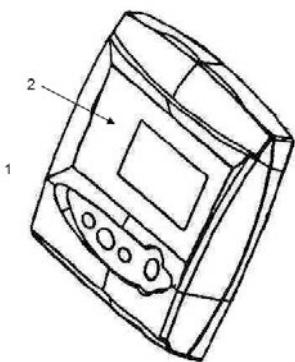


440i

| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|-------|---------------|---|------|----------|-------------|--|
| 1 | AW460 | 1051826 | TIMER 440i 7DAYS 119' 12V.50HZ ITA | 10 | 64 | • | |
| 1 | AW462 | 1051827 | TIMER 440i 7DAYS 59' 12V.50HZ ITA | 10 | 64 | • | |
| 1 | AW468 | 3031461 | TIMER 440i 7DAYS 119'12V.50 HZ FOR FILTRATION | 10 | 64 | • | |
| 1 | AW474 | 1051828 | TIMER 440i 7DAYS 119' 12V.50HZ E. | 10 | 64 | • | |
| 1 | AW475 | | TIMER 440i 6DAYS 119' 12V.50HZ E. | 10 | 64 | | |
| 1 | AW476 | 44ILE2L57 R59 | TIMER 440i 7DAYS 59' 12V.50HZ E. | 10 | 64 | • | |
| 1 | AW477 | | TIMER 440i 6DAYS 59' 12V.50HZ E. | 10 | 64 | | |
| 2 | AW482 | 4000610 | TIMER 460tc 118' 12V.50HZ SYM | 10 | 64 | • | |
| 2 | AW483 | 4000611 | TIMER 460tc 59' 12V.50HZ SYM | 10 | 64 | • | |
| 2 | AW484 | | TIMER 460tc 118' 12V.60HZ SYM US | 10 | 64 | | |
| 2 | AW485 | | TIMER 460tc 59' 12V.60HZ SYM US | 10 | 64 | | |
| 2 | AW480 | 1030007 | TIMER 460i 118' 12V.50HZ SYM | 10 | 64 | • | |
| 2 | AW481 | 1051811 | TIMER 460i 59' 12V.50HZ SYM | 10 | 64 | • | |
| 2 | AW487 | | TIMER 460i 59' 12V.60HZ SYM US | 10 | 64 | | |



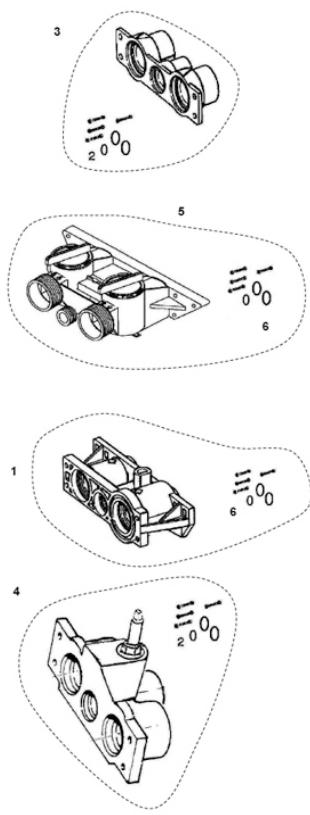
SERIES 700 TIMER LIST



| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|--------|---------|--|------|----------|-------------|--|
| 1 | AW511E | | TIMER 740C W/CHECK SALT 12V 50/60HZ SYMBOL | 10 | 64 | • | |
| 1 | AW514E | | TIMER 760C W/CHECK SALT 12V 50/60HZ SYMBOL | 10 | 64 | • | |
| 1 | AW517E | | TIMER 740F W/CHECK SALT 12V 50/60HZ SYMBOL | 10 | 64 | • | |
| 1 | AW524E | | TIMER 760F W/CHECK SALT 12V 50/60HZ SYMBOL | 10 | 64 | • | |
| 1 | AW512E | | TIMER 742C W/CHECK SALT 12V 50/60HZ SYMBOL | 10 | 64 | • | |
| 1 | AW515E | | TIMER 762C W/CHECK SALT 12V 50/60HZ SYMBOL | 10 | 64 | • | |
| 1 | AW518E | | TIMER 742F W/CHECK SALT 12V 50/60HZ SYMBOL | 10 | 64 | • | |
| 1 | AW525E | | TIMER 762F W/CHECK SALT 12V 50/60HZ SYMBOL | 10 | 64 | • | |
| 1 | AW505E | | TIMER 764C W/CHECK SALT 12V 50/60HZ SYMBOL | 10 | 64 | • | |
| N.Visual. | AW504 | 1254886 | SLAVE CONTROLLER P/N 1254886 | 10 | 64 | • | |



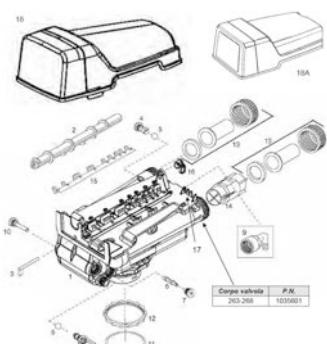
METER, MANIFOLD, 256 BYPASS SPARE PARTS



| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|--------|---------|---|------|----------|-------------|--|
| 1 | AW201 | 1032350 | METER ADAPTER KIT | 10 | 64 | • | |
| 2 | AW197 | | O-RING SET W/SCREWS AND NUTS* | 10 | 64 | • | |
| 3 | AV015 | | MANIFOLD BRASS FEMALE 3/4" GAS | 10 | 62 | • | |
| 3 | AV016 | | MANIFOLD BRASS FEMALE 1" GAS | 10 | 62 | • | |
| 3 | AV010 | | MANIFOLD KIT BRASS FEMALE 3/4" GAS* | 10 | 62 | • | |
| 3 | AV011 | | MANIFOLD KIT BRASS FEMALE 1" GAS* | 10 | 62 | • | |
| N.Visual. | AV013 | 1040283 | MANIFOLD KIT NORYL FEMALE 3/4" BSPT* | 10 | 62 | • | |
| 4 | AV006 | | MANIFOLD 3/4" GAS MIXER | 10 | 62 | • | |
| 4 | AV017 | | MANIFOLD BRASS FEMALE 1" GAS MIXER | 10 | 62 | • | |
| N.Visual. | AV007 | | MANIFOLD KIT 3/4" GAS BRASS MIXER* | 10 | 62 | • | |
| N.Visual. | AV012 | | MANIFOLD KIT BRASS FEMALE 1" GAS MIXER* | 10 | 62 | • | |
| N.Visual. | AV001 | | MANIFOLD 3/4" MALE WITH TURBINE P/N 1234260 | 10 | 62 | • | |
| N.Visual. | AV001A | | MANIFOLD 255 3/4" BSP MALE NORYL + KIT P/N 1234256 | 10 | 62 | • | |
| N.Visual. | AV022 | | MANIFOLD 1" MALE WITH TURBINE + KIT P/N 1234259 | 10 | 62 | • | |
| N.Visual. | AV022A | | MANIFOLD 255 1" BSP MALE NORYL + KIT P/N 1234255 | 10 | 62 | • | |
| 5 | AV026 | 1040769 | BY-PASS 256 W/O-RING, SCREWS, NUTS | 10 | 62 | • | |
| N.Visual. | AW202 | 1033057 | FLOW METER 255-168 | 10 | 64 | | |
| 6 | AW197N | 1040524 | O-RING DET W/SCREWS & NUTS FOR NORYL MANIFOLD P/N 1040524 | 10 | 64 | • | |



263-268-268F A/400 VALVE EXPLODED VIEW



| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|---------------|-------|---------|---|------|----------|-------------|--|
| 1+12+15+16+17 | AW166 | 1263715 | 263-268/400 VALVE ASSEMBLY W/O FLKOW CONTROLS | 10 | 64 | • | |
| 2 | AW315 | 1035625 | CAMSHAFT FOR 268 STD | 10 | 64 | | |
| 2 | AW316 | 1035627 | CAMSHAFT FOR 268 XS | 10 | 64 | | |
| 2 | AW317 | 1030376 | CAMSHAFT FOR 268 FA | 10 | 64 | | |
| 2 | AW318 | 1035624 | CAMSHAFT FOR 263 | 10 | 64 | | |
| 3 | AW185 | 1031391 | TIMER LOCKING PIN | 10 | 64 | • | |
| 4 | AW100 | 1000209 | BACKWASH CONTROL 07 WITH O-RING | 10 | 64 | • | |
| 4 | AW101 | 1000210 | BACKWASH CONTROL 08 WITH O-RING | 10 | 64 | • | |
| 4 | AW102 | 1000211 | BACKWASH CONTROL 09 WITH O-RING | 10 | 64 | • | |
| 4 | AW103 | 1000212 | BACKWASH CONTROL 10 WITH O-RING | 10 | 64 | • | |
| 4 | AW104 | 1000213 | BACKWASH CONTROL 12 WITH O-RING | 10 | 64 | • | |
| 4 | AW105 | 1000214 | BACKWASH CONTROL 13 WITH O-RING | 10 | 64 | • | |
| 4 | AW106 | 1000215 | BACKWASH CONTROL 14 WITH O-RING | 10 | 64 | • | |
| 5 | AW139 | 1030502 | FLOW CONTROL BALL | 10 | 64 | • | |
| 6 | AW130 | 1032970 | INJECTOR A WHITE WITH O-RING | 10 | 64 | • | |
| 6 | AW131 | 1032971 | INJECTOR B BLUE WITH O-RING | 10 | 64 | • | |
| 6 | AW132 | 1032972 | INJECTOR C RED WITH O-RING | 10 | 64 | • | |
| 7 | AW107 | 1000269 | INJECTOR CAP/BACKWASH OPEN 00 | 10 | 64 | • | |
| N.Visual. | AW306 | 1032978 | PLUGGED INJECTOR ASSEMBLY 263 | 10 | 64 | | |
| 8 | AW110 | 1034261 | BRINE REFILL CONTROL 10 Lbs | 10 | 64 | • | |
| 8 | AW111 | 1034263 | BRINE REFILL CONTROL 19 Lbs | 10 | 64 | • | |
| 8 | AW308 | 1030334 | PLUGGED REFILL CONTROL 263 | 10 | 64 | • | |
| 9 | AV175 | 1002449 | ELBOW DRIAN FITTING 3/4" F | 10 | 62 | • | |

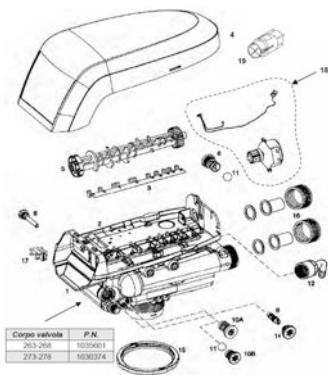


263-268-268F A/400 VALVE EXPLODED VIEW

| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|--------|---------|---|------|----------|-------------|--|
| 10 | AW125 | 1000226 | SCREEN/CAP ASSEMBLY W/O-RING | 10 | 64 | • | |
| 11 | AW172 | 3029969 | O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2" | 10 | 64 | • | |
| 12 | AW319 | 1035622 | TANK RING 2"1/2 263-268 P/N 1035623 | 10 | 64 | • | |
| 13 | AV030B | | MANIFOLD KIT BRASS MALE 3/4" GAS* | 10 | 62 | • | |
| 13 | AV031B | | MANIFOLD KIT BRASS MALE " GAS* | 10 | 62 | • | |
| 13 | AV032 | 1001615 | MANIFOLD KIT PVC D,32 | 10 | 62 | • | |
| 13 | AV038 | | MANIFOLD KIT BRASS MALE 1 1/4" GAS* | 10 | 62 | • | |
| 14 | AW328 | 1033444 | TURBINE ASSEMBLY | 10 | 64 | • | |
| 15 | AW360 | 1235339 | VALVE DISC SPRING ONE PIECE 263/268 LOGIX P/N 1235339 | 10 | 64 | • | |
| N.Visual. | AW181 | 1001580 | VALVE DISC SPRING | 10 | 64 | • | |
| 16 | AW146A | 3019873 | CAMSHAFT BEARING FOR COVER Lid NEW STYLE | 10 | 64 | | |
| 18 | AW141A | 3019870 | COVER FOR 255-263-268 SERIE 400 (I-Lid) NEW STYLE | 10 | 64 | | |
| N.Visual. | AW329 | 1041174 | VALVE DISCS KIT FOR 263-268-273-278 | 10 | 64 | • | |
| N.Visual. | AW309 | 1035778 | CAMSHAFT CLIP | 10 | 64 | | |
| N.Visual. | AV037 | 1239760 | BLENDING KIT SCREW FOR 700 SERIES AND 255/400 NEW STYLE | 10 | 62 | • | |
| N.Visual. | AV065 | 1041116 | MICRO-SWITCH KIT FOR 268 0.1 A | 10 | 62 | | |
| N.Visual. | AV066 | 1041117 | MICRO-SWITCH KIT FOR 268 5.0 A | 10 | 62 | | |
| N.Visual. | AV039 | | BY-PASS 1265 KIT BRASS 1" GAS* | 10 | 62 | • | |
| N.Visual. | AV040 | | BY-PASS KIT 1265 BRASS 1 1/4" GAS* | 10 | 62 | • | |
| N.Visual. | AW174 | 3030450 | TOP PLATE SCREW NO 8x9/16" | 10 | 64 | • | |



LOGIX 263-268-278 VALVE EXPLODED VIEW



| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|----------|-------|---------|---|------|----------|-------------|--|
| 1+2+3+13 | AW362 | 1255104 | 263-268/700 VALVE ASSEMBLY W/O FLOW CONTROLS | 10 | 64 | • | |
| 1+2+3+13 | AW363 | 1255105 | 278 VALVE ASSMBLY W/O FLOW CONTROLS | 10 | 64 | • | |
| 2 | AW359 | 1235338 | TOP PLATE 263/268/278 LOGIX P/N 1235338 | 10 | 64 | • | |
| 3 | AW360 | 1235339 | VALVE DISC SPRING ONE PIECE 263/268 LOGIX P/N 1235339 | 10 | 64 | • | |
| 4 | AW148 | 1236246 | 253-5/263-8 LOGIX STANDARD COVER P/N 1236246 | 10 | 64 | | |
| 5 | AW358 | 1235352 | CAMSHAFT 263/268 LOGIX P/N 1235352 | 10 | 64 | • | |
| 5 | AW361 | 1237405 | CAMSHAFT 278 LOGIX P/N 1237405 | 10 | 64 | • | |
| 6 | AW100 | 1000209 | BACKWASH CONTROL 07 WITH O-RING | 10 | 64 | • | |
| 6 | AW101 | 1000210 | BACKWASH CONTROL 08 WITH O-RING | 10 | 64 | • | |
| 6 | AW102 | 1000211 | BACKWASH CONTROL 09 WITH O-RING | 10 | 64 | • | |
| 6 | AW103 | 1000212 | BACKWASH CONTROL 10 WITH O-RING | 10 | 64 | • | |
| 6 | AW104 | 1000213 | BACKWASH CONTROL 12 WITH O-RING | 10 | 64 | • | |
| 6 | AW105 | 1000214 | BACKWASH CONTROL 13 WITH O-RING | 10 | 64 | • | |
| 6 | AW106 | 1000215 | BACKWASH CONTROL 14 WITH O-RING | 10 | 64 | • | |
| 6 | AV044 | 1030355 | EXTERNAL BACKWASH 05 GPM | 10 | 62 | • | |
| 6 | AV045 | 1030356 | EXTERNAL BACKWASH 06 GPM | 10 | 62 | • | |
| 6 | AV046 | 1030357 | EXTERNAL BACKWASH 07 GPM | 10 | 62 | • | |
| 6 | AV047 | 1030358 | EXTERNAL BACKWASH 08 GPM | 10 | 62 | • | |
| 6 | AV048 | 1030359 | EXTERNAL BACKWASH 09 GPM | 10 | 62 | • | |



PARTS LIST VALVE LOGIX 263-268-278

| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|-------|---------|---|------|----------|-------------|--|
| 6 | AV049 | 1030360 | EXTERNAL BACKWASH 10 GPM | 10 | 62 | • | |
| 6 | AV141 | 1000406 | EXTERNAL BACKWASH CONTROL 12 GPM | 10 | 62 | • | |
| 6 | AV142 | 1000407 | EXTERNAL BACKWASH CONTROL 15 GPM | 10 | 62 | • | |
| 6 | AV144 | 1000409 | EXTERNAL BACKWASH CONTROL 20 GPM | 10 | 62 | • | |
| 8 | AW125 | 1000226 | SCREEN/CAP ASSEMBLY W/O-RING | 10 | 64 | • | |
| 9 | AW133 | 1035730 | INJECTOR E YELLOW WITH O-RING | 10 | 64 | • | |
| 9 | AW134 | 1035731 | INJECTOR F PEACH WITH O-RING | 10 | 64 | • | |
| 9 | AW135 | 1035732 | INJECTOR G TAN WITH O-RING | 10 | 64 | • | |
| 9 | AW136 | 1035733 | INJECTOR H LIGHT PURPLE WITH O-RING | 10 | 64 | • | |
| 9 | AW137 | 1035734 | INJECTOR J LIGHT BLUE WITH O-RING | 10 | 64 | • | |
| 9 | AW138 | 1035735 | INJECTOR K PINK WITH O-RING | 10 | 64 | • | |
| 9 | AW348 | 1035736 | INJECTOR L ORANGE WITH O-RING P/N 1035736 | 10 | 64 | • | |
| 9 | AW349 | 1035737 | INJECTOR M BROWN WITH O-RING P/N 1035737 | 10 | 64 | • | |
| 9 | AW350 | 1035738 | INJECTOR N GREEN WITH O-RING P/N 1035738 | 10 | 64 | • | |
| 9 | AW351 | 1035739 | INJECTOR Q PURPLE WITH O-RING P/N 1035739 | 10 | 64 | • | |
| 9 | AW352 | 1035884 | INJECTOR R GREY WITH O-RING P/N 1035884 | 10 | 64 | • | |
| 10B | AW118 | 1243511 | BRINE REFILL CONTROL .33 GPM | 10 | 64 | • | |
| 10B | AW327 | 1000519 | BRINE REFILL CONTROL 1.3 GPM P/N 1000519 | 10 | 64 | • | |
| 11 | AW139 | 1030502 | FLOW CONTROL BALL | 10 | 64 | • | |
| 11 | AW308 | 1030334 | PLUGGED REFILL CONTROL 263 | 10 | 64 | • | |
| 12 | AV175 | 1002449 | ELBOW DRIAN FITTING 3/4" F | 10 | 62 | • | |
| 13 | AW169 | 3030918 | O-RING 1.05" | 10 | 64 | • | |
| 14 | AW107 | 1000269 | INJECTOR CAP/BACKWASH OPEN 00 | 10 | 64 | • | |

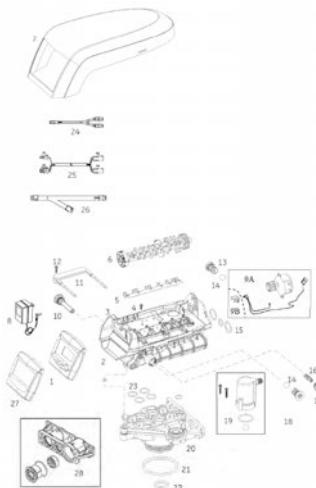


PARTS LIST VALVE LOGIX 263-268-278

| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|--------|---------|--|------|----------|-------------|--|
| 15 | AW319 | 1035622 | TANK RING 2"1/2 263-268 P/N 1035623 | 10 | 64 | • | |
| 16 | AV030B | | MANIFOLD KIT BRASS MALE 3/4" GAS* | 10 | 62 | • | |
| 16 | AV031B | | MANIFOLD KIT BRASS MALE " GAS* | 10 | 62 | • | |
| 16 | AV032 | 1001615 | MANIFOLD KIT PVC D,32 | 10 | 62 | • | |
| 16 | AV038 | | MANIFOLD KIT BRASS MALE 1 1/4" GAS* | 10 | 62 | • | |
| 17 | AW129 | 1235373 | OPTIC SENSOR P/N 1235373 | 10 | 64 | • | |
| 18 | AW126 | 1238861 | MOTOR W/SPACER AND PINION AND CABLE SERIES 700 P/N 1238861 | 10 | 64 | • | |
| N.Visual. | AW172 | 3029969 | O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2" | 10 | 64 | • | |
| N.Visual. | AW329 | 1041174 | VALVE DISCS KIT FOR 263-268-273-278 | 10 | 64 | • | |
| N.Visual. | AV037 | 1239760 | BLENDING KIT SCREW FOR 700 SERIES AND 255/400 NEW STYLE | 10 | 62 | • | |
| N.Visual. | AW128 | 1235446 | TURBINE CABLE 255-268-278/700 | 10 | 64 | • | |
| 19 | AW328 | 1033444 | TURBINE ASSEMBLY | 10 | 64 | | |
| N.Visual. | AX040 | 1244336 | KIT CHLORINE GENERATOR 255/268 LOGIX | 10 | 70 | • | |
| N.Visual. | AW124 | 3029962 | MOTOR LOCKING PIN P/N 3029962 | 10 | 64 | • | |
| N.Visual. | AV057 | 1239711 | FRONT MOUNT SWITCH KIT 253-5/263-8 0,1A | 10 | 62 | • | |
| N.Visual. | AV058 | 1239752 | FRONT MOUNT SWITCH KIT 253-5/263-8 5A | 10 | 62 | • | |
| N.Visual. | AV059 | 1239753 | TOP PLATE SWITCH KIT 253-5/263-8 0,1A | 10 | 62 | • | |
| N.Visual. | AV069 | 1239754 | TOP PLATE SWITCH KIT 253-5/263-8 5A | 10 | 62 | • | |
| N.Visual. | AV036 | 1263718 | KIT REMOTE LOGIX CONTROL W/CABLE LG.32 P/N 1263718 | 10 | 62 | | |
| N.Visual. | AV036A | 1256257 | KIT REMOTE LOGIX CONTROL W/TERMINAL BLOCKS P/N 1256257 | 10 | 62 | | |
| N.Visual. | AV023 | 1242411 | EXTENSION CORD Lg=50cm FOR CAB. P/N 1242411 | 10 | 62 | | |
| N.Visual. | AV023A | 1239979 | 4 PIN CONNECTOR CABLE START 700 SERIES | 10 | 62 | • | |



255/764 VALVE EXPLODED VIEW & PARTS LIST



| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--------|---------|--|------|----------|-------------|--|
| 1 | AW505E | | TIMER 764C W/CHECK SALT 12V 50/60HZ SYMBOL | 10 | 64 | • | |
| 2+3+4+5 | AW168 | 1244650 | 255/700 VALVE ASSEMBLY W/O FLOW CONTROLS | 10 | 64 | • | |
| 3 | AW162 | 1235340 | TOP PLATE 253/255 LOGIX P/N 1235341 | 10 | 64 | • | |
| 4-12 | AW174 | 3030450 | TOP PLATE SCREW NO 8x9/16" | 10 | 64 | • | |
| 5 | AW163 | 1235341 | SPRING ONE PIECE 255 VALVE P/N 1235341 | 10 | 64 | • | |
| 6 | AW149 | 1235353 | CAMSHAFT 253/255 LOGIX P/N 1235353 | 10 | 64 | • | |
| 6 | AW177 | 1236251 | CAMSHAFT 255 LOGIX 764 TWIN P/N 1236251 | 10 | 64 | • | |
| 7 | AW148 | 1236246 | 253-5/263-8 LOGIX STANDARD COVER P/N 1236246 | 10 | 64 | | |
| 8 | AW500 | 1000814 | EUROPEAN TRANFORMER 230/12V | 10 | 64 | • | |
| 8 | AW501 | 1000813 | BRITISH TRANFORMER | 10 | 64 | • | |
| 9A | AW126 | 1238861 | MOTOR W/SPACER AND PINION AND CABLE SERIES 700 P/N 1238861 | 10 | 64 | • | |
| 9B | AW129 | 1235373 | OPTIC SENSOR P/N 1235373 | 10 | 64 | • | |
| 10 | AW125 | 1000226 | SCREEN/CAP ASSEMBLY W/O-RING | 10 | 64 | • | |
| 11 | AW173 | 1031405 | LOCKING BAR | 10 | 64 | • | |
| 13 | AW100 | 1000209 | BACKWASH CONTROL 07 WITH O-RING | 10 | 64 | • | |
| 13 | AW101 | 1000210 | BACKWASH CONTROL 08 WITH O-RING | 10 | 64 | • | |
| 13 | AW102 | 1000211 | BACKWASH CONTROL 09 WITH O-RING | 10 | 64 | • | |
| 13 | AW103 | 1000212 | BACKWASH CONTROL 10 WITH O-RING | 10 | 64 | • | |
| 13 | AW104 | 1000213 | BACKWASH CONTROL 12 WITH O-RING | 10 | 64 | • | |
| 13 | AW105 | 1000214 | BACKWASH CONTROL 13 WITH O-RING | 10 | 64 | • | |
| 13 | AW106 | 1000215 | BACKWASH CONTROL 14 WITH O-RING | 10 | 64 | • | |
| 14 | AW139 | 1030502 | FLOW CONTROL BALL | 10 | 64 | • | |
| 15 | AW196 | 1040459 | O-RING SET* | 10 | 64 | • | |

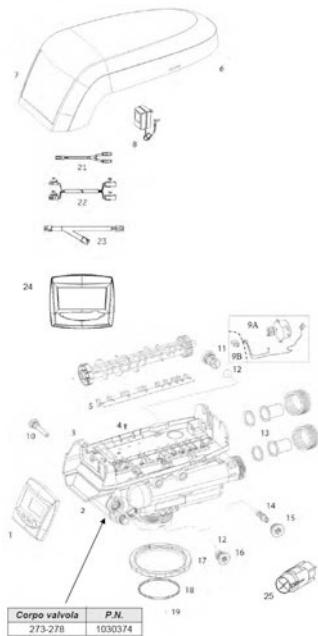


PARTS LIST VALVE 255/764

| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|-------|---------|---|------|----------|-------------|--|
| 16 | AW133 | 1035730 | INJECTOR E YELLOW WITH O-RING | 10 | 64 | • | |
| 16 | AW134 | 1035731 | INJECTOR F PEACH WITH O-RING | 10 | 64 | • | |
| 16 | AW135 | 1035732 | INJECTOR G TAN WITH O-RING | 10 | 64 | • | |
| 16 | AW136 | 1035733 | INJECTOR H LIGHT PURPLE WITH O-RING | 10 | 64 | • | |
| 16 | AW137 | 1035734 | INJECTOR J LIGHT BLUE WITH O-RING | 10 | 64 | • | |
| 16 | AW138 | 1035735 | INJECTOR K PINK WITH O-RING | 10 | 64 | • | |
| 16 | AW348 | 1035736 | INJECTOR L ORANGE WITH O-RING P/N 1035736 | 10 | 64 | • | |
| 16 | AW349 | 1035737 | INJECTOR M BROWN WITH O-RING P/N 1035737 | 10 | 64 | • | |
| 16 | AW350 | 1035738 | INJECTOR N GREEN WITH O-RING P/N 1035738 | 10 | 64 | • | |
| 16 | AW351 | 1035739 | INJECTOR Q PURPLE WITH O-RING P/N 1035739 | 10 | 64 | • | |
| 16 | AW352 | 1035884 | INJECTOR R GREY WITH O-RING P/N 1035884 | 10 | 64 | • | |
| 17 | AW107 | 1000269 | INJECTOR CAP/BACKWASH OPEN 00 | 10 | 64 | • | |
| 18 | AW118 | 1243511 | BRINE REFILL CONTROL .33 GPM | 10 | 64 | • | |
| 19 | AW190 | 1032417 | KIT AIR-CHECK 1/4" MALE | 10 | 64 | • | |
| 20 | AW170 | 1033784 | ADAPTER PRESSURE VESSEL 2.1/2" FOR TUBE 1.05" | 10 | 64 | • | |
| 21 | AW172 | 3029969 | O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2" | 10 | 64 | • | |
| 22 | AW169 | 3030918 | O-RING 1.05" | 10 | 64 | • | |
| 23 | AW195 | 1001404 | O-RING SET FOR 255 VALVE TOP/BOTTOM COUPLING | 10 | 64 | • | |
| 24 | AW365 | 3016715 | Y CABLE 4 PIN TURBINE SENSOR P/N 3016715 | 10 | 64 | • | |
| 25 | AW366 | 3016775 | INTERCONNECTION CABLE LOGIX TWIN LG 3 M P/N 3016775 | 10 | 64 | • | |
| 26 | AW367 | 3020228 | START/LOCKOUT CABLE 3 PIN MULTI TANK P/N 3020228 | 10 | 64 | • | |
| 27 | AW504 | 1254886 | SLAVE CONTROLLER P/N 1254886 | 10 | 64 | • | |
| 28 | AW201 | 1032350 | METER ADAPTER KIT | 10 | 64 | • | |
| Non visual. | AW124 | 3029962 | MOTOR LOCKING PIN P/N 3029962 | 10 | 64 | • | |
| Non visual. | AW128 | 1235446 | TURBINE CABLE 255-268-278/700 | 10 | 64 | • | |



PARTS LIST VALVE 278/764



| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|--------|---------|--|------|----------|-------------|--|
| 1 | AW505E | | TIMER 764C W/CHECK SALT 12V 50/60HZ SYMBOL | 10 | 64 | • | |
| 2+3+4+5 +19 | AW363 | 1255105 | 278 VALVE ASSMBLY W/O FLOW CONTROLS | 10 | 64 | • | |
| 3 | AW359 | 1235338 | TOP PLATE 263/268/278 LOGIX P/N 1235338 | 10 | 64 | • | |
| 4 | AW174 | 3030450 | TOP PLATE SCREW NO 8x9/16" | 10 | 64 | • | |
| 5 | AW360 | 1235339 | VALVE DISC SPRING ONE PIECE 263/268 LOGIX P/N 1235339 | 10 | 64 | • | |
| 6 | AW361 | 1237405 | CAMSHAFT 278 LOGIX P/N 1237405 | 10 | 64 | • | |
| 6 | AW364 | 1237406 | CAMSHAFT 278 LOGIX 764 TWIN P/N 1237406 | 10 | 64 | • | |
| 7 | AW148 | 1236246 | 253-5/263-8 LOGIX STANDARD COVER P/N 1236246 | 10 | 64 | | |
| 8 | AW500 | 1000813 | EUROPEAN TRANFORMER 230/12V | 10 | 64 | • | |
| 8 | AW501 | 1000811 | BRITISH TRANFORMER | 10 | 64 | • | |
| 9A | AW126 | 1238861 | MOTOR W/SPACER AND PINION AND CABLE SERIES 700 P/N 1238861 | 10 | 64 | • | |
| 9B | AW129 | 1235373 | OPTIC SENSOR P/N 1235373 | 10 | 64 | • | |
| 10 | AW125 | 1000226 | SCREEN/CAP ASSEMBLY W/O-RING | 10 | 64 | • | |
| 11 | AW100 | 1000209 | BACKWASH CONTROL 07 WITH O-RING | 10 | 64 | • | |
| 11 | AW101 | 1000211 | BACKWASH CONTROL 08 WITH O-RING | 10 | 64 | • | |
| 11 | AW103 | 1000212 | BACKWASH CONTROL 10 WITH O-RING | 10 | 64 | • | |
| 11 | AW104 | 1000213 | BACKWASH CONTROL 12 WITH O-RING | 10 | 64 | • | |
| 11 | AW105 | 1000214 | BACKWASH CONTROL 13 WITH O-RING | 10 | 64 | • | |
| 11 | AW106 | 1000215 | BACKWASH CONTROL 14 WITH O-RING | 10 | 64 | • | |
| 12 | AW139 | 1030502 | FLOW CONTROL BALL | 10 | 64 | • | |
| 13 | AV031B | | MANIFOLD KIT BRASS MALE " GAS* | 10 | 62 | • | |
| 13 | AV032 | 1001615 | MANIFOLD KIT PVC D,32 | 10 | 62 | • | |
| 13 | AV038 | | MANIFOLD KIT BRASS MALE 1 1/4" GAS* | 10 | 62 | • | |
| 13 | AW183 | | MANIFOLD+NUT 1,1/4" BRASS | 10 | 64 | • | |

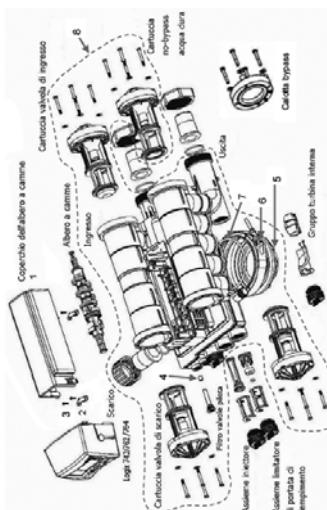


PARTS LIST VALVE 278/764

| Numero | Ref | P.N. | Description | Fam. | Subfam. | Disp. | Stock |
|-------------|-------|---------|---|------|---------|-------|-------|
| 14 | AW133 | 1035730 | INJECTOR E YELLOW WITH O-RING | 10 | 64 | • | |
| 14 | AW134 | 1035731 | INJECTOR F PEACH WITH O-RING | 10 | 64 | • | |
| 14 | AW135 | 1035732 | INJECTOR G TAN WITH O-RING | 10 | 64 | • | |
| 14 | AW136 | 1035733 | INJECTOR H LIGHT PURPLE WITH O-RING | 10 | 64 | • | |
| 14 | AW137 | 1035734 | INJECTOR J LIGHT BLUE WITH O-RING | 10 | 64 | • | |
| 14 | AW138 | 1035735 | INJECTOR K PINK WITH O-RING | 10 | 64 | • | |
| 14 | AW348 | 1035736 | INJECTOR L ORANGE WITH O-RING P/N 1035736 | 10 | 64 | • | |
| 14 | AW349 | 1035737 | INJECTOR M BROWN WITH O-RING P/N 1035737 | 10 | 64 | • | |
| 14 | AW350 | 1035738 | INJECTOR N GREEN WITH O-RING P/N 1035738 | 10 | 64 | • | |
| 14 | AW351 | 1035739 | INJECTOR Q PURPLE WITH O-RING P/N 1035739 | 10 | 64 | • | |
| 14 | AW352 | 1035884 | INJECTOR R GREY WITH O-RING P/N 1035884 | 10 | 64 | • | |
| 15 | AW107 | 1000269 | INJECTOR CAP/BACKWASH OPEN 00 | 10 | 64 | • | |
| 16 | AW118 | 1243511 | BRINE REFILL CONTROL .33 GPM | 10 | 64 | • | |
| 16 | AW327 | 1000519 | BRINE REFILL CONTROL 1.3 GPM P/N 1000519 | 10 | 64 | • | |
| 17 | AW319 | 1035622 | TANK RING 2"1/2 263-268 P/N 1035623 | 10 | 64 | • | |
| 18 | AW172 | 3029969 | O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2" | 10 | 64 | • | |
| 19 | AW169 | 3030918 | O-RING 1.05" | 10 | 64 | • | |
| 21 | AW365 | 3016715 | Y CABLE 4 PIN TURBINE SENSOR P/N 3016715 | 10 | 64 | • | |
| 22 | AW366 | 3016775 | INTERCONNECTION CABLE LOGIX TWIN LG 3 M P/N 3016775 | 10 | 64 | • | |
| 23 | AW367 | 3020228 | START/LOCKOUT CABLE 3 PIN MULTI TANK P/N 3020228 | 10 | 64 | • | |
| 24 | AW504 | 1254886 | SLAVE CONTROLLER P/N 1254886 | 10 | 64 | • | |
| Non visual. | AW124 | 3029962 | MOTOR LOCKING PIN P/N 3029962 | 10 | 64 | • | |
| Non visual. | AW128 | 1235446 | TURBINE CABLE 255-268-278/700 | 10 | 64 | • | |
| 25 | AW328 | 1033444 | TURBINE ASSEMBLY | 10 | 64 | • | |



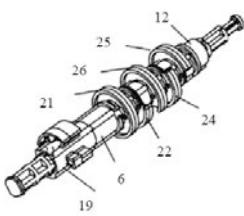
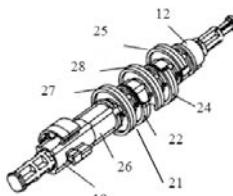
MAGNUM VALVE 700 SERIES EXPLODED VIEW



| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|-------|---------|--------------------------------------|------|----------|-------------|--|
| 1 | CD140 | 1000343 | CAMSHAFT COVER | 20 | 83 | | |
| 2 | CD100 | 1000589 | PILLOW BLOCK CAP | 20 | 83 | • | |
| 3 | CD109 | 3030505 | MAGNUM VALVE LONG SCREW | 20 | 83 | • | |
| 4 | CD144 | 3025780 | INTERNAL CHECK VALVE | 20 | 83 | • | |
| 5 | CD171 | 3024790 | AISI 304 MAGNUM ADAOPTER P/N 3024790 | 20 | 83 | • | |
| 6 | CD173 | 3024785 | CLAMP AISI 304 P/N 3024785 | 20 | 83 | • | |
| 7 | CD174 | 3026486 | O RING CLAMP P/N 3026486 | 20 | 83 | • | |



MAGNUM VALVE 700 SERIES SPARE PARTS

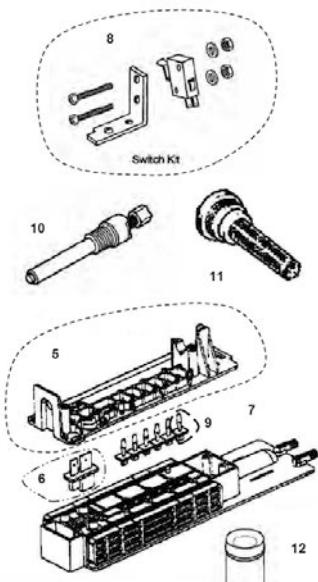
A) ALBERO A CAMME 5 CICLI
ADDOLCITORE/FILTRO LOGIXB) ALBERO A CAMME TWIN
LOGIX

| Number | Ref | P.N. | Description | Fam. | Subfa m. | Disp.St ock | |
|---------------|-------|---------|--|------|----------|-------------|--|
| A) | CD125 | 1267726 | 3-5 CYCLES MAGNUM LOGIX SIMPLEX CAMSHAFT | 20 | 83 | • | |
| consisting of | | | | | | | |
| 19 | | 1000499 | Brine Cam - TAN | | | | |
| 6 | | 1000462 | Standard Cam - BLACK | | | | |
| 21 | | 1001620 | Pilot Cam # 1 - TAN | | | | |
| 22 | | 1001621 | Pilot Cam # 2 - BLU | | | | |
| 26 | | 1267724 | Pilot Cam # 3 - GREY | | | | |
| 24 | | 1001623 | Pilot Cam # 4 - YELLOW | | | | |
| 25 | | 1001624 | Pilot Cam # 5 - ORANGE | | | | |
| 12 | | 1000469 | Pilot Cam # 6 - RED | | | | |

| Number | Ref | P.N. | Description | Fam. | Subfa m. | Disp.St ock | |
|---------------|-------|---------|---|------|----------|-------------|--|
| B) | CD126 | 1001751 | 3-5 CYCLES MAGNUM LOGIX TWIN CAMSHAFT P/N 1001751 | 20 | 83 | • | |
| consisting of | | | | | | | |
| 19 | | 1000499 | Brine Cam - TAN | | | | |
| 26 | | 1034356 | Spacer Cam - BLACK | | | | |
| 27 | | 1233554 | Standard Cam - TAN | | | | |
| 21 | | 1001620 | Pilot Cam # 1 - TAN | | | | |
| 22 | | 1001621 | Pilot Cam # 2 - BLU | | | | |
| 28 | | 1001622 | Pilot Cam # 3 - GREEN | | | | |
| 24 | | 1001623 | Pilot Cam # 4 - YELLOW | | | | |
| 25 | | 1001624 | Pilot Cam # 5 - ORANGE | | | | |
| 12 | | 1000469 | Pilot Cam # 6 - RED | | | | |



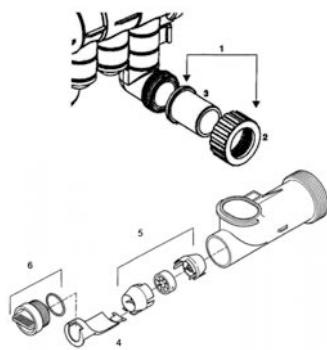
MAGNUM VALVE 700 SERIES SPARE PARTS



| Number | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|-------|---------|--|------|----------|-------------|--|
| 5 | CD141 | 1000339 | MAGNUM PLATE P/N 1000339 | 20 | 83 | • | |
| Not shown | AW174 | 3030450 | TOP PLATE SCREW NO 8x9/16" | 10 | 64 | • | |
| Not shown | CD109 | 3030505 | MAGNUM VALVE LONG SCREW | 20 | 83 | • | |
| 6 | CD143 | 1000391 | BRINE FLAPFOR VALVE P/N 1000391 | 20 | 83 | • | |
| 9 | CD142 | 1000328 | PILOT FLAPPER VALVE P/N 1000328 | 20 | 83 | • | |
| Not shown | AW181 | 1001580 | VALVE DISC SPRING | 10 | 64 | • | |
| 6+7 | CD020 | 1040692 | VALVE DISCS KIT FOR MAGNUM | 20 | 83 | • | |
| Not shown | CD161 | 1010162 | 4" TANK ADAPTER O-RING | 20 | 83 | • | |
| Not shown | CC115 | 1000553 | CAM PILOT AUXILIARY LONG CYCLE | 20 | 82 | • | |
| Not shown | CC116 | 1000554 | CAM PILOT AUXILIARY SHORT CYCLE | 20 | 82 | • | |
| 8 | CC119 | 3019468 | KIT N.1 MICRO SWITCH 0.1 AMPERE P/N 3109468 | 20 | 82 | • | |
| 8 | CC120 | 3019469 | KIT N. 1 MICRO SWITCH 5.0 AMPERE P/N 3019469 | 20 | 82 | • | |
| Not shown | CC124 | 3019467 | KIT N. 3 MICRO SWITCH 5,0 AMPERE P/N 3019467 | 20 | 82 | • | |
| 10 | CC130 | 1040668 | EXTERNAL PILOT FEED ADAPTER | 20 | 82 | • | |
| 11 | AW125 | 1000226 | SCREEN/CAP ASSEMBLY W/O-RING | 10 | 64 | • | |
| 12 | CD144 | 3025780 | INTERNAL CHECK VALVE | 20 | 83 | • | |



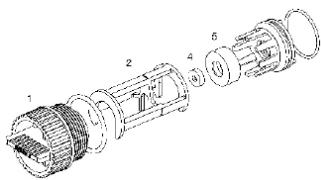
MAGNUM VALVE INSTALLATION ADAPTER PARTS



| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|-------|---------|--|------|----------|-------------|--|
| 1 | CC080 | 3023673 | MAGNUM 1,5" STAINLESS STEEL ADAPTER KIT BSPT | 20 | 82 | • | |
| 1 | CC081 | 1001656 | MAGNUM 2" PVC D.50 MM ADAPTER KIT | 20 | 82 | • | |
| 1 | CC082 | 3023674 | MAGNUM 2" STAINLESS STEEL ADAPTER KIT BSPT | 20 | 82 | • | |
| 1 | CC083 | 1040785 | MAGNUM 2" PVC D.63 MM ADAPTER KIT | 20 | 82 | • | |
| 2 | CD151 | 1000356 | 1.5" NORYL ADAPTER NUT | 20 | 83 | • | |
| 2 | CD152 | 1030664 | 2" SS ADAPTER NUT | 20 | 83 | • | |
| 3 | CD153 | 3014556 | 1.5" SS BSPT ADAPTER | 20 | 83 | • | |
| 3 | CD163 | | 1.5" BSPT FEMALE ADAPTER AVP GALVANIZED | 20 | 83 | | |
| 3 | CD154 | 3014559 | 2" SS BSPT ADAPTER | 20 | 83 | • | |
| 3 | CD155 | 1030577 | 32 MM METRIC CPVC ADAPTER | 20 | 83 | | |
| 3 | CD156 | 1000359 | 50 MM METRIC CPVC ADAPTER | 20 | 83 | • | |
| 3 | CD157 | 1030667 | 63 MM METRIC CPVC ADAPTER | 20 | 83 | • | |
| 4 | CD067 | 1000074 | INSERT CORNER 2" | 20 | 83 | • | |
| 5 | CD068 | 1232965 | ASSEMBLY TURBINE IT 2" P/N 1232965 | 20 | 83 | • | |
| 6 | CD099 | 1040688 | PLUG FOR INJECTOR, REFILL AND PRESSURE REGULATOR PORTS | 20 | 83 | • | |
| N.Visual. | CD158 | 3029966 | 1.5" ADAPTER & 48.3 MM TUBE O-RING | 20 | 83 | • | |
| N.Visual. | CD159 | 3029964 | 2" ADAPTER O-RING | 20 | 83 | • | |
| N.Visual. | CD161 | 1010162 | 4" TANK ADAPTER O-RING | 20 | 83 | • | |
| N.Visual. | CD162 | 1030891 | GASKET FOR 2" TURBINE | 20 | 83 | • | |
| N.Visual. | CC084 | 1040921 | SIDE MOUNT ADAPTER PVC 2" BSPT FEMALE | 20 | 82 | • | |
| N.Visual. | CD069 | 1033358 | 2" FLOW METER BODY | 20 | 83 | • | |
| N.Visual. | CD073 | 1034081 | 2" FLOW METER W/ 63 MM METRIC CPVC ADAPTER | 20 | 83 | • | |

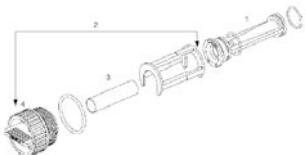


MAGNUM REFILL CONTROL ASSEMBLY PARTS



| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|-------|---------|--|------|----------|-------------|--|
| 1 | CD099 | 1040688 | PLUG FOR INJECTOR, REFILL AND PRESSURE REGULATOR PORTS | 20 | 83 | • | |
| 3 | CD089 | 1040687 | REFILL CONTROL ASSEMBLY W/O REFILL CONTROL | 20 | 83 | • | |
| 4 | CD081 | 1000421 | BRINE REFIL CONTROLLER 0.7 GPM FOR PRESSURE VESSEL 14" | 20 | 83 | • | |
| 4 | CD082 | 1000422 | BRINE REFIL CONTROLLER 0.8 GPM FOR PRESSURE VESSEL 16" | 20 | 83 | • | |
| 4 | CD083 | 1000423 | BRINE REFIL COMTROLLES 1.0 GPM FOR PRESSURE VESSEL 18" | 20 | 83 | • | |
| 4 | CD084 | 1000424 | BRINE REFIL CONTROLLER 1.4 GPM FOR PRESSURE VESSEL 21" | 20 | 83 | • | |
| 4 | CD085 | 1000425 | BRINE REFIL CONTROLLER 2.0 GPM FOR PRESSURE VESSEL 24" | 20 | 83 | • | |
| 4 | CD086 | 1000426 | BRINE REFIL CONTROLLER 3.0 GPM FOR PRESSURE VESSEL 30" | 20 | 83 | • | |
| 4 | CD087 | 1000427 | BRINE REFIL CONTROLLER 5.0 GPM FOR PRESSURE VESSEL 36" | 20 | 83 | • | |
| 5 | CD080 | 1000479 | REFILL CONTROL CAGE | 20 | 83 | • | |

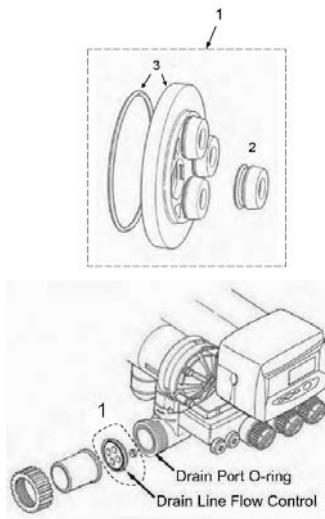
MAGNUM INJECTOR ASSEMBLY PARTS



| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--------|---------|--|------|----------|-------------|--|
| 1 | CD091 | 1040670 | INJECTOR 0.5 GPM FOR PRESSURE VESSEL 14" | 20 | 83 | • | |
| 1 | CD092 | 1040671 | INJECTOR 0.5 GPM FOR PRESSURE VESSEL 16" | 20 | 83 | • | |
| 1 | CD093 | 1040672 | INJECTOR 0.6 GPM FOR PRESSURE VESSEL 18" | 20 | 83 | • | |
| 1 | CD094 | 1040673 | INJECTOR 0.9 GPM FOR PRESSURE VESSEL 21" | 20 | 83 | • | |
| 1 | CD095 | 1040674 | INJECTOR 1.4 GPM FOR PRESSURE VESSEL 24" | 20 | 83 | • | |
| 1 | CD096 | 1040675 | INJECTOR 2.0 GPM FOR PRESSURE VESSEL 30" | 20 | 83 | • | |
| 1 | CD097 | 1040676 | INJECTOR 3.3 GPM FOR PRESSURE VESSEL 36" | 20 | 83 | • | |
| 1 | CD097A | 1000491 | INJECTOR 4.2 GPM FOR PRESSURE VESSEL 42" | 20 | 83 | • | |
| 1 | CD098 | 1040669 | BLANK INJECTOR | 20 | 83 | • | |
| 2 | CD088 | 1040677 | INJECTOR ASSEMBLY W/O INJECTOR | 20 | 83 | • | |
| 3 | CD090 | 1000322 | INJECTOR SCREEN P/N 1000332 | 20 | 83 | • | |
| 4 | CD099 | 1040688 | PLUG FOR INJECTOR, REFILL AND PRESSURE REGULATOR PORTS | 20 | 83 | • | |



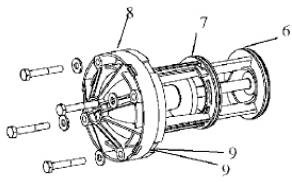
MAGNUM DRAIN LINE FLOW CONTROL PART LIST



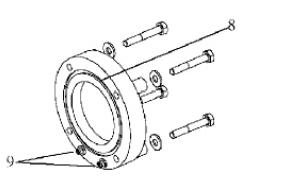
| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|-------|---------|---|------|----------|-------------|--|
| 1 | CC101 | 1040720 | FLOW CONTROL DISK 05 GPM | 20 | 82 | • | |
| 1 | CC102 | 1040721 | FLOW CONTROL DISK 06 GPM | 20 | 82 | • | |
| 1 | CC103 | 1040723 | FLOW CONTROL DISK 08 GPM | 20 | 82 | • | |
| 1 | CC104 | 1040725 | FLOW CONTROL DISK 10 GPM | 20 | 82 | • | |
| 1 | CC105 | 1040728 | FLOW CONTROL DISK 13 GPM | 20 | 82 | • | |
| 1 | CC114 | 1040729 | FLOW CONTROL DISK 14 GPM | 20 | 82 | • | |
| 1 | CC106 | 1040740 | FLOW CONTROL DISK 15 GPM | 20 | 82 | • | |
| 1 | CC107 | 1040745 | FLOW CONTROL DISK 20 GPM | 20 | 82 | • | |
| 1 | CC108 | 1040747 | FLOW CONTROL DISK 22 GPM | 20 | 82 | • | |
| 1 | CC109 | 1040730 | FLOW CONTROL DISK 25 GPM | 20 | 82 | • | |
| 1 | CC110 | 1040735 | FLOW CONTROL DISK 30 GPM | 20 | 82 | • | |
| 1 | CC111 | 1040750 | FLOW CONTROL DISK 35 GPM | 20 | 82 | • | |
| 1 | CC112 | 1040755 | FLOW CONTROL DISK 40 GPM | 20 | 82 | • | |
| 1 | CD101 | 1040756 | FLOW CONTROL INSERT 05 GPM BLUE | 20 | 83 | • | |
| 2 | CD102 | 1040757 | FLOW CONTROL INSERT 06 GPM RED | 20 | 83 | • | |
| 2 | CD103 | 1040758 | FLOW CONTROL INSERT 07 GPM LIGHT BROWN | 20 | 83 | • | |
| 2 | CD104 | 1040759 | FLOW CONTROL INSERT 08 GPM GREEN | 20 | 83 | • | |
| 2 | CD105 | 1040760 | FLOW CONTROL INSERT 09 GPM LIGHT BROWN WHITE MARKED | 20 | 83 | • | |
| 2 | CD106 | 1040761 | FLOW CONTROL INSERT 10 GPM BRICK RED | 20 | 83 | • | |
| 2 | CD107 | 1040763 | BLANK FLOW CONTROL INSERT BLACK | 20 | 83 | • | |
| 2 | CD180 | | DLFC INSERTS KIT* | 20 | 83 | • | |
| 3 | CD108 | 1040762 | FLOW CONTROL DISC WITH O-RING | 20 | 83 | • | |



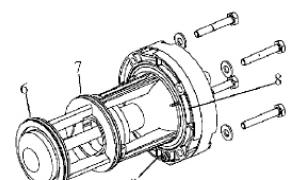
MAGNUM CARTRIDGES PARTS LIST



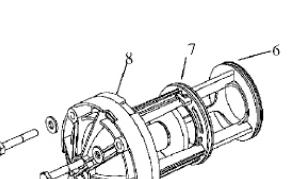
2 - Rinse Valve Cartridge



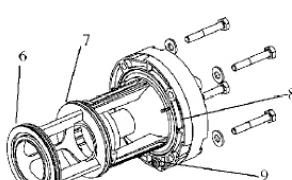
4 - Hard Water Bypass Cap



5 - Inlet Valve Cartridge



1 - Drain Valve Cartridge

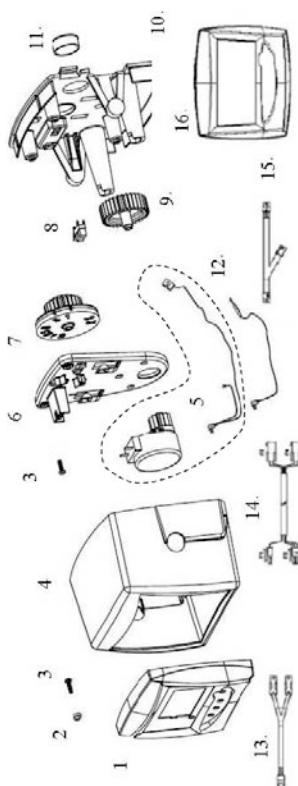


3 - No Hard Water Bypass Valve Cartridge

| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|-------|---------|--|------|----------|-------------|--|
| 1-3 | CD111 | 1000366 | DRAIN VALVE/NO HARD WATER BYPASS VALVE CARTRIDGE | 20 | 83 | • | |
| 2 | CD112 | 1000365 | RINSE VALVE CARTRIDGE | 20 | 83 | • | |
| 4 | CD114 | 1000336 | HARD WATER BYPASS CAP | 20 | 83 | • | |
| 5 | CD113 | 1000317 | INLET VALVE CARTRIDGE | 20 | 83 | • | |
| 6 | CD118 | 1010157 | O RING # 6 P/N 1010157 | 20 | 83 | • | |
| 7 | CD119 | 1010158 | O RING # 7 P/N 1010158 | 20 | 83 | • | |
| 8 | CD120 | 3030497 | O RING # 8 P/N 3030497 | 20 | 83 | • | |
| 9 | CD124 | 1010116 | O RING # 9 P/N 3030531 | 20 | 83 | • | |
| N.Visual. | CD116 | 1040690 | O-RING KIT FOR HARD WATER BYPASS CAP P/N 1040690 | 20 | 83 | • | |
| N.Visual. | CD115 | 1040689 | O-RING KIT P/N 1040689 | 20 | 83 | • | |



SERIES MAGNUM 700 TIMER LIST



| Number | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|--------|---------|--|------|----------|-------------|--|
| 1 | AW512E | | TIMER 742C W/CHECK SALT 12V 50/60HZ SYMBOL | 10 | 64 | • | |
| 1 | AW515E | | TIMER 762C W/CHECK SALT 12V 50/60HZ SYMBOL | 10 | 64 | • | |
| 1 | AW518E | | TIMER 742F W/CHECK SALT 12V 50/60HZ SYMBOL | 10 | 64 | • | |
| 1 | AW525E | | TIMER 762F W/CHECK SALT 12V 50/60HZ SYMBOL | 10 | 64 | • | |
| 1 | AW505E | | TIMER 764C W/CHECK SALT 12V 50/60HZ SYMBOL | 10 | 64 | • | |
| 2 | CD135 | 3030921 | BUSHING LOGIX MOUNT | 20 | 83 | | |
| 3 | CD136 | 3030001 | NUT P/N 3030001 | 20 | 83 | • | |
| 4 | CD137 | 1262674 | TIMER COVER 293-298 P/N 1262674 | 20 | 83 | | |
| 5 | AW126 | 1238861 | MOTOR W/SPACER AND PINION AND CABLE SERIES 700 P/N 1238861 | 10 | 64 | • | |
| 7 | CD139 | 1262581 | DRIVE GEAR LOGIX MAGNUM CONTROL | 20 | 83 | | |
| 8 | AW129 | 1235373 | OPTIC SENSOR P/N 1235373 | 10 | 64 | • | |
| 9 | CD128 | 1262672 | IDLE GEAR LOGIX MAGNUM CONTROL | 20 | 83 | • | |
| 12 | CD131 | 1266722 | TURBINE CABLE LOGIX LG=0.8 M | 20 | 83 | • | |
| 12 | CD132 | 1266723 | TURBINE CABLE LOGIX LG=3 M | 20 | 83 | • | |
| 12 | CD133 | 1266724 | TURBINE CABLE LOGIX LG=7,5 M | 20 | 83 | | |
| 13 | AW365 | 3016715 | Y CABLE 4 PIN TURBINE SENSOR P/N 3016715 | 10 | 64 | • | |
| 14 | AW366 | 3016775 | INTERCONNECTION CABLE LOGIX TWIN LG 3 M P/N 3016775 | 10 | 64 | • | |
| 15 | AW367 | 3020228 | START/LOCKOUT CABLE 3 PIN MULTI TANK P/N 3020228 | 10 | 64 | • | |
| 16 | AW504 | 1254886 | SLAVE CONTROLLER P/N 1254886 | 10 | 64 | • | |
| Not shown | CD138 | 1233809 | LOGIX MAGNUM CONTROL MECH. ASSEMBLY 293-298 P/N 1233809 | 20 | 83 | | |
| Not shown | AW500 | 1000814 | EUROPEAN TRANSFORMER 230/12V | 10 | 64 | • | |
| Not shown | AW501 | 1000813 | BRITISH TRANSFORMER | 10 | 64 | • | |
| Not shown | AV036 | 1263718 | KIT REMOTE LOGIX CONTROL W/CABLE LG.32 P/N 1263718 | 10 | 62 | | |
| Not shown | AV036A | 1256257 | KIT REMOTE LOGIX CONTROL W/TERMINAL BLOCKS P/N 1256257 | 10 | 62 | | |
| Not shown | AV023A | 1239979 | 4 PIN CONNECTOR CABLE START 700 SERIES | 10 | 62 | • | |

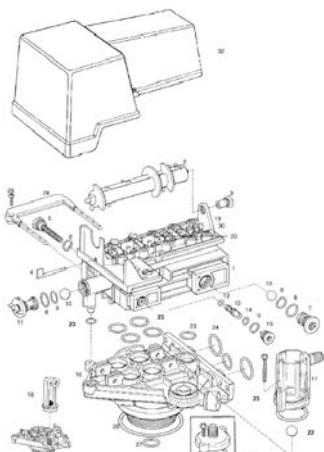


PARTS LIST VALVE 255 D.I.

| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|---------|---------|--|------|----------|-------------|--|
| N.Visual. | AW030 | 1030933 | BACWASH BALL 155 DEMI | 10 | 64 | • | |
| N.Visual. | AW040 | 1033441 | CAP 255 DI P/N 1033442 | 10 | 64 | • | |
| N.Visual. | AW041 | 1034117 | INJECTOR A 255 DI P/N 1034117 | 10 | 64 | • | |
| N.Visual. | AW042 | 1034118 | INJECTOR B 255 DI P/N 1034118 | 10 | 64 | • | |
| N.Visual. | AW043 | 1034119 | INJECTOR C 255 DI P/N 1034119 | 10 | 64 | • | |
| N.Visual. | AW044 | 1033437 | BACKWASH 08 255DI P/N 1033437 | 10 | 64 | • | |
| N.Visual. | AW045 | 1033438 | BACKWASH 09 255 DI P/N 1033438 | 10 | 64 | • | |
| N.Visual. | AW046 | 1033439 | BACKWASH 10 255DI P/N 1033439 | 10 | 64 | • | |
| N.Visual. | AW047 | 1033440 | BACKWASH 12 255DI P/N 1033440 | 10 | 64 | • | |
| N.Visual. | AW048 | 1034110 | CHECK VALVE 255 DI | 10 | 64 | • | |
| N.Visual. | AW049EP | 1034185 | EPDM O-RING SET FOR 255 DI VALVE TOP/BOTTOM COUPLING* | 10 | 64 | • | |
| N.Visual. | AW050EP | 1033268 | KIT OR EPDM 255 DI* | 10 | 64 | • | |



PARTS LIST VALVE 155



| Numero | Ref | P.N. | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|--------|---------|---|------|----------|-------------|--|
| 2 | AW150 | 1031950 | STANDARD CAMSHAFT ONE PIECE | 10 | 64 | | |
| 2 | AW152 | 1033025 | CANSHAFT XS-LR EXTRA SALT | 10 | 64 | | |
| 2 | AW153 | 1033026 | CAMSHAFT LONG RINSE | 10 | 64 | | |
| 3 | AW146A | 1030501 | CAMSHAFT BEARING FOR COVER Lid NEW STYLE | 10 | 64 | | |
| 4 | AW185 | 1031391 | TIMER LOCKING PIN | 10 | 64 | • | |
| 7 | AW014 | 1000208 | BACKWASH CONTROL 06 WITH O-RING | 10 | 64 | • | |
| 7 | AW100 | 1000209 | BACKWASH CONTROL 07 WITH O-RING | 10 | 64 | • | |
| 7 | AW101 | 1000210 | BACKWASH CONTROL 08 WITH O-RING | 10 | 64 | • | |
| 7 | AW102 | 1000211 | BACKWASH CONTROL 09 WITH O-RING | 10 | 64 | • | |
| 7 | AW103 | 1000212 | BACKWASH CONTROL 10 WITH O-RING | 10 | 64 | • | |
| 7 | AW104 | 1000213 | BACKWASH CONTROL 12 WITH O-RING | 10 | 64 | • | |
| 7 | AW105 | 1000214 | BACKWASH CONTROL 13 WITH O-RING | 10 | 64 | • | |
| 10 | AW139 | 1030502 | FLOW CONTROL BALL | 10 | 64 | • | |
| 11 | AW110 | 1034261 | BRINE REFILL CONTROL 10 Lbs | 10 | 64 | • | |
| 11 | AW111 | 1034263 | BRINE REFILL CONTROL 19 Lbs | 10 | 64 | • | |
| 12 | AW130 | 1032970 | INJECTOR A WHITE WITH O-RING | 10 | 64 | • | |
| 12 | AW131 | 1032971 | INJECTOR B BLUE WITH O-RING | 10 | 64 | • | |
| 12 | AW132 | 1032972 | INJECTOR C RED WITH O-RING | 10 | 64 | • | |
| 16 | AW170 | 1033784 | ADAPTER PRESSURE VESSEL 2.1/2" FOR TUBE 1.05" | 10 | 64 | • | |
| 17 | AW190 | 1032417 | KIT AIR-CHECK 1/4" MALE | 10 | 64 | • | |
| 20 | AW025 | 1033013 | VALVE DISCS KIT FOR 155-163-168 | 10 | 64 | • | |
| 21 | AW191 | 1033066 | NEW TO OLD AIR CHECK ADAPTER | 10 | 64 | • | |
| 22 | AW140 | 1030528 | AIR-CHECK BALL | 10 | 64 | • | |
| 23 | AW195 | 1001404 | O-RING SET FOR 255 VALVE TOP/BOTTOM COUPLING | 10 | 64 | • | |
| 24 | AW196 | 1040459 | O-RING SET* | 10 | 64 | • | |
| 25 | AW175 | | INOX SCREW 8-32 UNC LG. 75mm | 10 | 64 | • | |
| N.Visual. | AW197 | | O-RING SET W/SCREWS AND NUTS* | 10 | 64 | • | |
| 26 | AW172 | 3029969 | O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2" | 10 | 64 | • | |
| 27 | AW169 | 3030918 | O-RING 1.05" | 10 | 64 | • | |
| 28 | AW173 | 1031405 | LOCKING BAR | 10 | 64 | • | |
| 29 | AW174 | 3030450 | TOP PLATE SCREW NO 8x9/16" | 10 | 64 | • | |
| 30 | AW181 | 1001580 | VALVE DISC SPRING | 10 | 64 | • | |



Autotrol Valves Series 255 Accessories



Bypass Kits 256: with gaskets, brass adapters, screws and nuts.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---------------------------------|------|----------|-------------|--|
| AV028 | BY-PASS 256 KIT BRASS 3/4" GAS* | 10 | 62 | • | |
| AV029 | BY-PASS 256 KIT BRASS 1" GAS* | 10 | 62 | • | |

| Ref | Description | Connections in/out | Drain line |
|-------|---------------------------------|--------------------|------------|
| AV028 | BY-PASS 256 KIT BRASS 3/4" GAS* | ¾" | ½" |
| AV029 | BY-PASS 256 KIT BRASS 1" GAS* | 1" | ½" |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Female manifold kits: with o-rings, screws and nuts.



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--------------------------------------|------|----------|-------------|--|
| AV013 | MANIFOLD KIT NORYL FEMALE 3/4" BSPT* | 10 | 62 | • | |
| AV010 | MANIFOLD KIT BRASS FEMALE 3/4" GAS* | 10 | 62 | • | |
| AV011 | MANIFOLD KIT BRASS FEMALE 1" GAS* | 10 | 62 | • | |

| Ref | Description | Connections In/Out | Drain line | Material |
|-------|--------------------------------------|--------------------|------------|----------|
| AV013 | MANIFOLD KIT NORYL FEMALE 3/4" BSPT* | ¾" | ½" | Noryl |
| AV010 | MANIFOLD KIT BRASS FEMALE 3/4" GAS* | ¾" | ⅜" | Brass |
| AV011 | MANIFOLD KIT BRASS FEMALE 1" GAS* | 1" | ½" | Brass |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Female mixing manifold kits : with o-rings, screws and nuts.



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| AV007 | MANIFOLD KIT 3/4" GAS BRASS MIXER* | 10 | 62 | • | |
| AV012 | MANIFOLD KIT BRASS FEMALE 1" GAS MIXER* | 10 | 62 | • | |

| Ref | Description | Connections in/out | Drain line | Material |
|-------|---|--------------------|------------|----------|
| AV007 | MANIFOLD KIT 3/4" GAS BRASS MIXER* | ¾ | ⅜ | Brass |
| AV012 | MANIFOLD KIT BRASS FEMALE 1" GAS MIXER* | 1" | ½ | Brass |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |



Autotrol Valves Series 255 Accessories

**Male manifold kits**

- in plastic material Noryl;
- with o-rings, screws and nuts.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| AV001 | MANIFOLD 3/4" MALE WITH TURBINE P/N 1234260 | 10 | 62 | • | |
| AV001A | MANIFOLD 255 3/4" BSP MALE NORYL + KIT P/N 1234256 | 10 | 62 | • | |
| AV022 | MANIFOLD 1" MALE WITH TURBINE + KIT P/N 1234259 | 10 | 62 | • | |
| AV022A | MANIFOLD 255 1" BSP MALE NORYL + KIT P/N 1234255 | 10 | 62 | • | |

| Ref | Description | Connec tions in/out | Drain line | Option |
|--------|--|---------------------|------------|-----------------|
| AV001 | MANIFOLD 3/4" MALE WITH TURBINE P/N 1234260 | ¾ | ¾ | With turbine |
| AV001A | MANIFOLD 255 3/4" BSP MALE NORYL + KIT P/N 1234256 | ¾ | ¾ | Without turbine |
| AV022 | MANIFOLD 1" MALE WITH TURBINE + KIT P/N 1234259 | 1" | ½ | With turbine |
| AV022A | MANIFOLD 255 1" BSP MALE NORYL + KIT P/N 1234255 | 1" | ½ | Without turbine |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Slim cover for valve 255 Logix

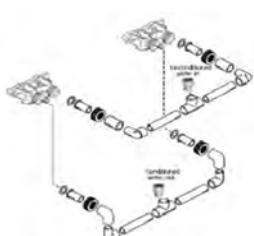
- in plastic material.



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|----------------------|-------------|---------------|--------------|----------------|
| AW145 | 255 LOGIX SLIM COVER | 10 | 10 | • | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |

D. 32 interconnection kit for 255/764twin residential duplex systems

- special manifold for AUTOTROL 255 valves included;
- for twin alternating and twin parallel systems



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| AV119 | INTERCONNECTION KIT 255/764 TWIN D.32 X 1" FEMALE * | 10 | 62 | • | |

| Quantity | Description |
|----------|---|
| 2 | Adapter PVC-U D = 32 mm - 1" |
| 2 | Tee connection T PVC-U D = 32 mm |
| 4 | Elbow PVC-U D = 32 mm D1 = 25 mm |
| 4 | Tube PVC-U D = 32 mm |
| 2 | Elbow D = 32 mm |
| 2 | Coupling sleeve D = 32 mm |
| 2 | Manifold kit with adapter D. 32 to glue |
| 2 | 256 by-pass with o-rings, screws and nuts |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |



Autotrol Valves Series 263 - 268 - 278 Accessories



1265 bypass Kits

- special manifold for AUTOTROL valves series 263, 268 and 278;
- with gaskets, brass adapters and nuts.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|------------------------------------|------|----------|-------------|--|
| AV039 | BY-PASS 1265 KIT BRASS 1" GAS* | 10 | 62 | • | |
| AV040 | BY-PASS KIT 1265 BRASS 1 1/4" GAS* | 10 | 62 | • | |

| Ref | Description | Connections in/out |
|-------|------------------------------------|--------------------|
| AV039 | BY-PASS 1265 KIT BRASS 1" GAS* | 1" |
| AV040 | BY-PASS KIT 1265 BRASS 1 1/4" GAS* | 1 1/4 " |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Manifold Kits

- special manifold for AUTOTROL valves series 263, 268 and 278;
- with 2 gaskets, 2 adapters and 2 nuts.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|-------------------------------------|------|----------|-------------|--|
| AV030B | MANIFOLD KIT BRASS MALE 3/4" GAS* | 10 | 62 | • | |
| AV031B | MANIFOLD KIT BRASS MALE " GAS* | 10 | 62 | • | |
| AV032 | MANIFOLD KIT PVC D,32 | 10 | 62 | • | |
| AV038 | MANIFOLD KIT BRASS MALE 1 1/4" GAS* | 10 | 62 | • | |

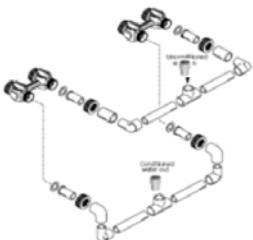
| Ref | Description | Raccordi in/out |
|--------|-------------------------------------|-----------------|
| AV030B | MANIFOLD KIT BRASS MALE 3/4" GAS* | 3/4 |
| AV031B | MANIFOLD KIT BRASS MALE " GAS* | 1" |
| AV032 | MANIFOLD KIT PVC D,32 | D.32 |
| AV038 | MANIFOLD KIT BRASS MALE 1 1/4" GAS* | 1 1/4" |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |





Autotrol Valves Series 278 Accessories



Kit di inter collegamento D. 32 per sistemi duplex residenziali 278/764 twin

- special manifold for AUTOTROL 278 valves included;
- for twin alternating and twin parallel systems;
- with IN/OUT connection D.32;

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|---|------|--------------|----------------|--|
| AV128 | INTERCONNECTION KIT 278/764 TWIN D.32 X 1" FEMALE * | 10 | 62 | • | |

| Quantity | Description |
|----------|--|
| 2 | Adapter PVC-U D = 32 mm - 1" |
| 2 | Tee connection T PVC-U D = 32 mm |
| 4 | Elbow PVC-U D = 32 mm D1 = 25 mm |
| 4 | Tube PVC-U D = 32 mm |
| 2 | Elbow D = 32 mm |
| 2 | Coupling sleeve D = 32 mm |
| 2 | Manifold kit with adapter D. 32 to glue |
| 2 | 1265 by-pass with o-rings, screws and nuts |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

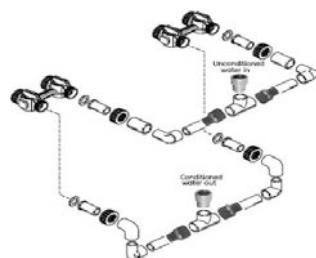
D.40 interconnection kit for 278/764twin residential duplex systems

- special manifold for AUTOTROL 278 valves included;
- for twin alternating and twin parallel systems;
- with IN/OUT connection D.40;

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|---|------|--------------|----------------|--|
| AV129 | INTERCONNECTION KIT 278/764 TWIN D.40 X 1" 1/4 FEMALE * | 10 | 62 | • | |

| Quantity | Description |
|----------|--|
| 2 | Adapter PVC-U D = 40 mm - 1 1/4" |
| 2 | Tee connection T PVC-U D = 40 mm |
| 4 | Reducing socket PVC-U D = 40 mm D2 = 32 mm |
| 4 | Elbow PVC-U D = 32 mm D1 = 25 mm |
| 4 | Tube PVC-U D = 32 mm |
| 2 | Elbow D = 32 mm |
| 2 | Coupling sleeve D = 32 mm |
| 2 | Manifold kit with adapter D. 32 to glue |
| 2 | 1265 by-pass with o-rings, screws and nuts |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |





Autotrol Valves Magnum Accessories

**Magnum side mounting adapters**

- in PVC material

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|-------------|---------------|--------------|----------------|
| CC084 | SIDE MOUNT ADAPTER PVC 2" BSPT FEMALE | 20 | 82 | • | |
| CC084A | MAGNUM SIDE MOUNT ADAPTER PVC D.63 MALE TO GLUE | 20 | 82 | • | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
| | | | | | |

**Manifold kits**

- with 3 nuts, 3 gaskets and 3 adapters.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|--|-------------------|-----------------------|--------------|----------------|
| CC080 | MAGNUM 1,5" STAINLESS STEEL ADAPTER KIT BSPT | 20 | 82 | • | |
| CC081 | MAGNUM 2" PVC D.50 MM ADAPTER KIT | 20 | 82 | • | |
| CC082 | MAGNUM 2" STAINLESS STEEL ADAPTER KIT BSPT | 20 | 82 | • | |
| CC083 | MAGNUM 2" PVC D.63 MM ADAPTER KIT | 20 | 82 | • | |
| Ref | Description | in/out Connection | For autotrol valve | | |
| CC080 | MAGNUM 1,5" STAINLESS STEEL ADAPTER KIT BSPT | 1½"BSPT | Magnum cv 1,5" series | | |
| CC081 | MAGNUM 2" PVC D.50 MM ADAPTER KIT | D.50 | Magnum cv 1,5" series | | |
| CC082 | MAGNUM 2" STAINLESS STEEL ADAPTER KIT BSPT | 2" BSPT | Magnum it 2" series | | |
| CC083 | MAGNUM 2" PVC D.63 MM ADAPTER KIT | D.63 | Magnum it 2" series | | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
| | | | | | |



Autotrol Valves Magnum Accessories



D.25 NPT 3/4" Pipe Union

- Suitable for brine line connection of the Magnum valves, alone or in coupling with a bonding hose connection (REF. CC086);
- In PVC-U.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---------------------------|------|----------|-------------|--|
| CC085 | UNION D.25 NPT 3/4" PVC-U | 20 | 82 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |



D.25 Drain Fitting to glue

- Suitable for brine line connection of the Magnum valves, in coupling with D.25 NPT 3/4" pipe union (REF. CC085);
- In PVC-U.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|------------------------------------|------|----------|-------------|--|
| CC086 | HOSE CONNECTION D.25 PVC-U TO GLUE | 20 | 82 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Valves Accessories

Blending kit for Autotrol valves

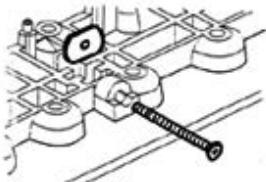


Fig. 1

- kit of nut and screw to install on 255 and 268 valves for blending of hard and softened water;
- insert the nut into the blending valve orifice located near the bypass flapper (fig.1). Insert the screw through the top plate and the
- nut, and the screw until it touch the bypass flapper (fig.2);
- tightening the screw will force the bypass flapper open which will blend hard water into the softened water supply (fig. 3).
- Loosening
- the screw will allow the bypass flapper to close reducing the blending;
- test the water and adjust the screw until the desired hardness level is reached.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| AV037 | BLENDING KIT SCREW FOR 700 SERIES AND 255/400 NEW STYLE | 10 | 62 | • | |
| AV185 | MIXING VALVE FOR 366-368 VALVE | 10 | 62 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

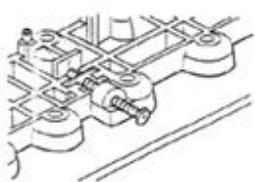


Fig. 2

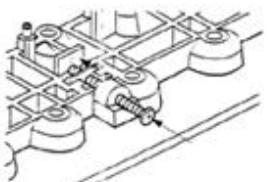


Fig. 3



Valves Accessories



Twist lock upper screens

- in ABS;
- max diameter 60 mm, length 64 mm;
- slots 0,3 mm.

| Ref | Description | | | Fam. | Subfa m. | Disp. Stock | |
|------------|---|-------------|---------------|--------------|----------------|-------------|--|
| AV070 | UPPER SCREEN 13/16" BAJONET (FOR 255 VALVE) | | | 10 | 62 | • | |
| AV071 | UPPER SCREEN 1.05" BAJONET (FOR 255,263,268,278 VALVES) | | | 10 | 62 | • | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight | | |
| | | | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| DM174-2004 | | Domestic |

Upper screen



- in ABS;
- max diameter 60 mm, length 64 mm;
- slots 0,3 mm.

| Ref | Description | | | Fam. | Subfa m. | Disp. Stock | |
|------------|---|-------------|---------------|--------------|----------------|-------------|--|
| AV073 | UPPER SCREEN 1.05" (FOR 163,168 VALVES) | | | 10 | 62 | • | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight | | |
| | | | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| DM174-2004 | | Domestic |

Upper screens to glue



- in ABS;
- diameter 88 mm;
- slots 0,3 mm.

| Ref | Description | | | Fam. | Subfa m. | Disp. Stock | |
|------------|---|---------------|--------------------|--------------|----------------|-------------|--|
| CF010 | UPPER SCREEN D.41.8 MM | | | 20 | 87 | • | |
| CF013 | UPPER SCREEN VALVE 180 DIA 48.3 MM | | | 20 | 87 | • | |
| CC050 | UPPER SCREEN D=48,3 MM | | | 20 | 82 | • | |
| PV407 | UPPER SCREEN FOR 4" ADAPTER 1.1/4" TUBE | | | 50 | 241 | • | |
| Ref | Lenght (mm) | For tube (mm) | For autotrol valve | | | | |
| CF010 | 98 | 41,8 (1¼") | 180 old model | | | | |
| CF013 | 98 | 48,3 | 180 new model | | | | |
| CC050 | 150 | 48,3 | Magnum | | | | |
| PV407 | 150 | 41,8 (1¼") | Adapter 4"-PV402 | | | | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight | | |
| | | | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| DM174-2004 | | Domestic, Commercial, Industrial |



Valves Accessories



Fittings for valves

- Jaco Style elbow fittings for $\frac{3}{8}$ " tubing;
- material PP.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-------------------------------------|------|----------|-------------|--|
| AV150 | ELBOW FITTING AIR-CHECK 1/4" FEMALE | 10 | 62 | • | |
| AV154 | ELBOW FITTING 3/8"" FEMALE | 10 | 62 | • | |

| Ref | Description | For autotrol valve |
|-------|-------------------------------------|--------------------|
| AV150 | ELBOW FITTING AIR-CHECK 1/4" FEMALE | 255 |
| AV154 | ELBOW FITTING 3/8"" FEMALE | 268-366-368 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |

Fittings for valves

- Jaco Style straight fittings for $\frac{3}{8}$ " tubing;
- material PP.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| AV161 | STRAIGHT FITTING 1/8" MALE JC 10-6-2 PPG | 10 | 62 | • | |
| AV152 | STRAIGHT FITTING 1/4" MALE | 10 | 62 | • | |
| AV153 | STRAIGHT FITTING 3/8" MALE | 10 | 62 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |

Fittings for valves

- Jaco Style elbow fittings for $\frac{3}{8}$ " tubing;
- material PP.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-----------------------------------|------|----------|-------------|--|
| AV151 | ELBOW FITTING AIR-CHECK 1/4" MALE | 10 | 62 | • | |
| AV159 | ELBOW FITTING 3/8" MALE | 10 | 62 | • | |

| Ref | Description | For Autotrol valve |
|-------|-----------------------------------|--------------------|
| AV151 | ELBOW FITTING AIR-CHECK 1/4" MALE | 155 |
| AV159 | ELBOW FITTING 3/8" MALE | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |

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Valves Accessories



Fittings for valves

- Jaco Style bulkhead union for $\frac{3}{8}$ " tubing;
- material PP.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---------------------|------|----------|-------------|--|
| AV156 | BULKHEAD UNION 3/8" | 10 | 62 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |

Fittings for valves

- Jaco Style union elbow for $\frac{3}{8}$ " tubing;
- material PP.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--------------------------|------|----------|-------------|--|
| AV155 | ELBOW FITTING UNION 3/8" | 10 | 62 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |

Fittings for valves

- Jaco Style union TEE for $\frac{3}{8}$ " tubing;
- material PP.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|----------------------|------|----------|-------------|--|
| AV158 | UNION TEE 3/8" UNION | 10 | 62 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |

Straight drain fittings

- suitable for flexible hose 12,7 mm internal diameter;
- material nylon.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|----------------------------------|------|----------|-------------|--|
| AV170 | STRAIGHT DRAIN FITTING 3/8" M | 10 | 62 | • | |
| AV171 | STRAIGHT DRAIN FITTING 1/2" M | 10 | 62 | • | |
| AV169 | STRAIGHT DRAIN FITTING 1/2" FX16 | 10 | 62 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |

**Elbowed drain fittings**

- suitable for flexible hose 12,7 mm internal diameter;
- material nylon / polyethylene.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|----------------------------|------|--------------|----------------|--|
| AV172 | ELBOW DRAIN FITTING 3/8" M | 10 | 62 | • | |
| AV173 | ELBOW DRAIN FITTING 1/2" M | 10 | 62 | • | |
| AV174 | ELBOW DRAIN FITTING 1/2" F | 10 | 62 | • | |
| AV175 | ELBOW DRAIN FITTING 3/4" F | 10 | 62 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |

Overflow elbows with nut

- material nylon.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|---------------------|------|--------------|----------------|--|
| AV180 | OVERFLOW ELBOW 3/8" | 10 | 62 | • | |
| AV181 | OVERFLOW ELBOW 1/2" | 10 | 62 | • | |

| Ref | Description | For hose int. ø (mm) |
|-------|---------------------|----------------------|
| AV180 | OVERFLOW ELBOW 3/8" | 12,7 |
| AV181 | OVERFLOW ELBOW 1/2" | 15,5 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |



Valves Accessories



Pvc tubes to glue

- for lower diffusors and lower lateral systems;
- to glue;
- in PVC.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| AV083 | PVC TUBE 13/16" OD (D OUT.=20,6MM - D IN.=18MM +0/-0,3) L=889MM(35") | 10 | 62 | • | |
| AV084 | PVC TUBE 13/16" OD (D OUT.=20,6MM - D IN.=18MM +0/-0,3) L=1397MM(55") | 10 | 62 | • | |
| AV087 | PVC TUBE 1.05" OD (D OUT.=26,6MM - D IN.=23MM +0/-0,3) L=1829MM(72") | 10 | 62 | • | |
| AV632 | PVC TUBE D=32 MM (D OUT.=32MM - D IN.=28,4MM +0/-0,3) L=2000MM | 22 | 940 | • | |
| CF012 | PVC TUBE D=41,8 MM (D OUT.=42MM - D IN.=36MM +0/-0,3) L=2000MM | 20 | 87 | • | |
| CC052 | PVC TUBE D=48,3 MM (D OUT.=48,35MM - D IN.=42,3MM +0/-0,3) L=2000MM | 20 | 82 | • | |
| CF050 | PVC TUBE D=50 MM (D OUT.=50MM - D IN.=43,96MM +0/-0,3) L=2000MM | 22 | 970 | • | |
| CF063 | PVC TUBE D=63 MM (D OUT.=63MM - D IN.=56,96MM +0/-0,3) L=2000MM | 22 | 970 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| DM174-2004 | | Domestic, Commercial, Industrial |



Diffusors with tube

- 1,05" hi-flow lower diffusor;
- PVC tube included;
- slots 0,3 mm.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| AV116M | PVC TUBE 1.05" OD L=432MM(17") + LOWER DIFFUSER AV097 | 10 | 62 | • | |
| AV117M | PVC TUBE 1.05" OD L=889MM(35") + LOWER DIFFUSER AV097 | 10 | 62 | • | |
| AV103M | PVC TUBE 1.05" OD L=1397MM(55") + LOWER DIFFUSER AV097 | 10 | 62 | • | |
| AV104M | PVC TUBE 1.05" OD L=1829MM(72") + LOWER DIFFUSER AV097 | 10 | 62 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |



Valves Accessories



Lower diffusors to glue

- lower diffusors in ABS; max diameter 60 mm;
- slots 0,3 mm; connection to glue.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| AV098 | LOWER DIFFUSER CONIC (FOR 13/16" OD TUBE) | 10 | 62 | • | |
| AV098A | LOWER DIFFUSER CONIC (FOR 1.05" OD TUBE) | 10 | 62 | • | |
| AV097 | LOWER DIFFUSER (FOR 1.05" OD TUBE) | 10 | 62 | • | |

| Ref | Height (mm) | Flow (lpm) Δp 30 mbar |
|--------|--------------|-----------------------|
| AV098 | 70 | 24 |
| AV098A | 80 | 32 |
| AV097 | 90 high flow | 40 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |



Cylindrical lower diffusors

- cylindrical lower diffusor in ABS, diameter 88 mm;
- slots 0,3 mm; connection to glue.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| PV315 | CYLINDRICAL LOWER DIFFUSER D. 1,05* | 10 | 62 | • | |
| CF011 | CYLINDRICAL LOWER DIFFUSER L=98MM TO GLUE FOR TUBE D=41,8MM | 20 | 87 | • | |
| CF014 | CYLINDRICAL LOWER DIFFUSER L=98MM TO GLUE FOR TUBE D=48,3MM | 20 | 87 | • | |
| CC051 | CYLINDRICAL LOWER DIFFUSER L=150MM TO GLUE FOR TUBE D=48,3MM | 20 | 82 | • | |

| Item | Ref | Length. (mm) | Ø For tube (mm) | For Autotrol valve |
|------|-------|--------------|-----------------|----------------------|
| 1 | PV315 | 72 | 26,7 (1,05") | PERFORMA |
| 1 | CF011 | 98 | 41,8 (1¼") | 180 old model -PV402 |
| 1 | CF014 | 98 | 48,3 | 180 new model |
| 2 | CC051 | 150 | 48,3 | Magnum |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| DM174-2004 | | Commercial, Industrial |



Segmented lower diffusors

- segmented lower diffusor in ABS;
- diameter 66 mm;
- slots 0,3 mm;
- to glue on tube 1,05";
- flow = 50 lpm Δp 30 mbar.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| AV099A | SEGMENTED LOWER DIFFUSER (FOR 1.05" OD TUBE) | 10 | 62 | • | |
| AV099C | SEGMENTED LOWER DIFFUSER (FOR D.32 MM TUBE) | 10 | 62 | • | |

| Ref | Length. (mm) | Ø For tube (mm) |
|--------|--------------|-----------------|
| AV099A | 102 | 26,7 (1,05") |
| AV099C | 98,5 | 32 |



Valves Accessories



Lower lateral systems for top mounted valves

- For top mounted valves;
- ABS material;
- With 8 laterals (threaded connection) slots 0,3 mm;
- Hub connection to glue.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|---|------|--------------|----------------|--|
| PV316 | LOWER THREADED LATERAL DIFFUSER FOR 263-268-278 14"-16" | 10 | 62 | • | |
| PV317 | LOWER THREADED LATERAL DIFFUSER FOR 263-268-278 18"-21"-24" | 10 | 62 | • | |
| PV318 | LOWER THREADED LATERAL DIFFUSER FOR PV402 ADAPTER 14"-16" | 20 | 87 | • | |
| PV319 | LOWER THREADED LATERAL DIFFUSER FOR PV402 ADAPTER 18"-21"-24" | 20 | 87 | • | |
| PV320 | LOWER THREADED LATERAL DIFFUSER FOR MAGNUM 14"-16" | 20 | 82 | • | |
| PV321 | LOWER THREADED LATERAL DIFFUSER FOR MAGNUM 18"-21"-24" | 20 | 82 | • | |
| PV322 | LOWER THREADED LATERAL DIFFUSER FOR MAGNUM 30" | 20 | 82 | • | |
| PV323 | LOWER THREADED LATERAL DIFFUSER FOR MAGNUM 36" | 20 | 82 | • | |

| Ref | Description | Ø Useful fo vessel (pollici) | Ø Hub connect for tube (mm) |
|-------|---|---------------------------------|--------------------------------|
| PV316 | LOWER THREADED LATERAL DIFFUSER FOR 263-268-278 14"-16" | 14"-16" | 26,7 (1,05") |
| PV317 | LOWER THREADED LATERAL DIFFUSER FOR 263-268-278 18"-21"-24" | 18"-21"-24" | 26,7 (1,05") |
| PV318 | LOWER THREADED LATERAL DIFFUSER FOR PV402 ADAPTER 14"-16" | 14"-16" | 41,8 (1¼") |
| PV319 | LOWER THREADED LATERAL DIFFUSER FOR PV402 ADAPTER 18"-21"-24" | 18"-21"-24" | 41,8 (1¼") |
| PV320 | LOWER THREADED LATERAL DIFFUSER FOR MAGNUM 14"-16" | 14"-16" | 48,3 (1,90") |
| PV321 | LOWER THREADED LATERAL DIFFUSER FOR MAGNUM 18"-21"-24" | 18"-21"-24" | 48,3 (1,90") |
| PV322 | LOWER THREADED LATERAL DIFFUSER FOR MAGNUM 30" | 30" | 48,3 (1,90") |
| PV323 | LOWER THREADED LATERAL DIFFUSER FOR MAGNUM 36" | 36" | 48,3 (1,90") |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| | | Commercial, Industrial |

**Lower lateral systems for top mounted valves**

- For top mounted valves;
- ABS material;
- With 6 twist lock laterals, slots 0,25 mm;
- Hub connection to glue.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|----------|---|------|----------|-------------|--|
| PV316B | TWIST LOCK LOWER LATERAL DIFFUSER FOR 263-268-278 14-16" | 10 | 62 | • | |
| PV317B | TWIST LOCK LOWER LATERAL DIFFUSER FOR 263-268-278 18-21-24" | 10 | 62 | • | |
| PV318B | TWIST LOCK LOWER LATERAL DIFFUSER FOR PV102 14-16" | 10 | 62 | • | |
| PV319B | TWIST LOCK LOWER LATERAL DIFFUSER FOR PV102 18-21-24" | 10 | 62 | • | |
| PV320B | TWIST LOCK LOWER LATERAL DIFFUSER FOR MAGNUM 14-16" | 10 | 62 | • | |
| PV321B | TWIST LOCK LOWER LATERAL DIFFUSER FOR MAGNUM 18-21-24" | 10 | 62 | • | |
| PV322B | TWIST LOCK LOWER LATERAL DIFFUSER FOR MAGNUM 30" | 10 | 62 | • | |
| PV323B | TWIST LOCK LOWER LATERAL DIFFUSER FOR MAGNUM 36" | 10 | 62 | • | |
| PV320B50 | TWIST LOCK LOWER LATERAL DIFFUSER FOR D.50 TUBE 14-16" | 10 | 62 | • | |
| PV321B50 | TWIST LOCK LOWER LATERAL DIFFUSER FOR D.50 TUBE 18-21-24" | 10 | 62 | • | |
| PV322B50 | TWIST LOCK LOWER LATERAL DIFFUSER FOR D.50 TUBE 30" | 10 | 82 | • | |
| PV323B50 | TWIST LOCK LOWER LATERAL DIFFUSER FOR D.50 TUBE 36" | 10 | 82 | • | |

| Ref | Ø Useful for vessels (inch) | Ø Hub connect for tube (mm) | Ø D (mm) | For Autotrol valve |
|----------|-----------------------------|-----------------------------|----------|--------------------|
| PV316B | 14"-16" | 26,7 (1,05") | 260 | PERFORMA |
| PV317B | 18"-21"-24" | 26,7 (1,05") | 373 | PERFORMA |
| PV318B | 14"-16" | 41,8 (1¼") | 260 | PV402 |
| PV319B | 18"-21"-24" | 41,8 (1¼") | 373 | PV402 |
| PV320B | 14"-16" | 48,3 (1,90") | 260 | MAGNUM |
| PV321B | 18"-21"-24" | 48,3 (1,90") | 373 | MAGNUM |
| PV322B | 30" | 48,3 (1,90") | 563 | MAGNUM |
| PV323B | 36" | 48,3 (1,90") | 705 | MAGNUM |
| PV320B50 | 14"-16" | 50 (2") | 260 | |
| PV321B50 | 18"-21"-24" | 50 (2") | 373 | |
| PV322B50 | 30" | 50 (2") | 563 | |
| PV323B50 | 36" | 50 (2") | 705 | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| | | Commercial, Industrial |



Valves Accessories



Diffusor for brine draw

- connection for rigid or flexible tube $\frac{3}{8}$ ".

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|---------------------------------|--------------|---------------|--------------|----------------|
| AV118 | DIFFUSER FOR BRINE TUBE 3/8" OD | 10 | 62 | • | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
| | | | | | |
| Certificates | | Manufacturer | Sectors | | |
| | | | Domestic | | |

Mesh type screen with tube

- mesh type screen for brine complete with $\frac{3}{8}$ " PVC tube length 42".

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|---|--------------|---------------|--------------|----------------|
| AV090M | PVC TUBE 3/8" OD L=1067MM(42") + MESH TYPE SCREEN AV075 | 10 | 62 | • | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
| | | | | | |
| Certificates | | Manufacturer | Sectors | | |
| | | | Domestic | | |

Mesh type screen for brine

- For $\frac{3}{8}$ " tube to glue.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|---|--------------|---------------|--------------|----------------|
| AV075 | MESH TYPE SCREEN FOR BRINE (FOR 3/8" OD TUBE) | 10 | 62 | • | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
| | | | | | |
| Certificates | | Manufacturer | Sectors | | |
| | | | Domestic | | |





Valves Accessories

Polyethylene flexible tube

- flexible tube $\frac{3}{8}$ " (= 9,52 mm) diameter;
- transparent;
- hanks of 30 m.



| Ref | Description | | | Fam. | Subfa. m. | Disp. Stock | |
|--------------|-----------------------------|-------------|---------------|--------------|----------------|----------------|--|
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight | | |
| AV140 | POLYETILENE 3/8" ROLL 30 MT | | | 10 | 62 | • | |
| | | | | | | | |
| Certificates | Manufacturer | | | Sectors | | | |
| DM174-2004 | | | | Domestic | | | |

J-tube air-check with tube

- J-tube with air-check, complete with PVC tube.



| Ref | Description | | | Fam. | Subfa. m. | Disp. Stock | |
|--------------|--|-------------|---------------|----------------------------------|----------------|----------------|--|
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight | | |
| AV093M | PVC TUBE 3/8" OD L=1067MM(42") + AIR-CHECK AV108 | | | 10 | 62 | • | |
| CC064M | PVC TUBE 3/4" OD L=1200MM + AIR-CHECK CC063 | | | 10 | 62 | • | |
| Ref | Description | | | Tube diameter (inch) | Lenght (mm) | | |
| AV093M | PVC TUBE 3/8" OD L=1067MM(42") + AIR-CHECK AV108 | | | $\frac{3}{8}$ " | 1060 | | |
| CC064M | PVC TUBE 3/4" OD L=1200MM + AIR-CHECK CC063 | | | $\frac{3}{4}$ " | 1200 | | |
| | | | | | | | |
| Certificates | Manufacturer | | | Sectors | | | |
| DM174-2004 | | | | Domestic, Commercial, Industrial | | | |



Brine Valves Accessories



Model 464

- model 464 Standard version (for no timed refill controls) and High Flow (for timed refill controls);
- connection for $\frac{3}{8}$ " tubing;
- length tube 42" (1060 mm);
- length float rod 600 mm;
- brine draw rate 3,8 l/min @ 152 mm Hg vacuum;
- max operating pressure 8,5 bar 40°C;
- brine well diameter 90 mm min.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| AV096 | 464 STANDARD BRINE VALVE KIT + PVC TUBE 3/8" OD L=1067MM(42")* | 10 | 62 | • | |
| AV125 | 464 HIGH FLOW BRINE VALVE KIT + PVC TUBE 3/8" OD L=1067MM(42")* | 10 | 62 | • | |

| Ref | Description | Refill flow rate (l/min) @ 3,5 bar |
|-------|---|------------------------------------|
| AV096 | 464 STANDARD BRINE VALVE KIT + PVC TUBE 3/8" OD L=1067MM(42")* | 1,3 |
| AV125 | 464 HIGH FLOW BRINE VALVE KIT + PVC TUBE 3/8" OD L=1067MM(42")* | 3,8 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |

Model 484

- complete with $\frac{3}{4}$ " tube length 1200 mm;
- length float rod 915 mm;
- refill flow rate 15 l/min @ 3,5 bar;
- brine draw rate 38 l/min @ 66 mm Hg vacuum;
- max operating pressure 8,5 bar @ 40°C;
- brine well diameter 130 mm.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| CC059 | PVC TUBE 3/4" OD L=1200MM + 484 BRINE VALVE* | 20 | 82 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| | | Commercial, Industrial |

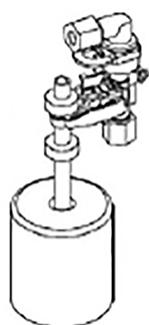
Model 2310

- length float rod 774 mm;
- refill flow rate 4,5 l/min;
- brine draw rate 2,1 l/min;
- max operating pressure 8,6 bar @ 40°C;
- brine well diameter 100 mm;
- without air check.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|--|------|----------|-------------|--|
| FVA060067-03 | SBV 2310 - BRINE VALVE WITHOUT AIR CHECK | 23 | 590 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|---------|
| | | |





Valves Accessories



Heads for tank

- PVC heads for tank complete with NBR o-ring;
- max operating pressure 8 bar;
- max operating temperature 50°C;
- REF. PV400 and REF. PV401 are to use with upper screen REF. AV073 and with lower diffusors on catalogue;
- REF. PV402 is to use with upper screen REF. PV407 and with lower diffusor REF. CF011.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PV400 | ADAPTER 2.1/2" IN/OUT 3/4" GAS F W/PLUG | 50 | 240 | • | |
| PV401 | ADAPTER 2.1/2" IN/OUT 3/4" GAS F | 50 | 240 | • | |
| PV402 | ADAPTER 4" IN/OUT 1.1/4"GAS F W/PLUG | 50 | 240 | • | |

| Ref | Option plug | Rise tube diameter | Max flow rate suggested | Fit threaded tanks |
|-------|---------------|--------------------|-------------------------|--------------------|
| PV400 | 1/2"on outlet | 1,05" | 2,5 m3/h | 2 1/2"8NPSM |
| PV401 | no plug | 1,05 | 2,5 m3/h | 2 1/2"8NPSM |
| PV402 | 1/2"on outlet | 1 1/4" | 6,0 m3/h | 4"-8UN |



- PP molded heads for tank with connection threaded 2 1/2" – 8NPSM;
- complete with NBR o-ring;
- without plug;
- max operating pressure 8 bar;
- max operating temperature 45°C; it is to use with upper screen REF. AV070 and with lower diffusor REF. AV098.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| PV409 | ADAPTER 2 1/2" MOULDED IN/OUT 3/4" NPT | 50 | 240 | • | |

| Ref | Riser tube diameter | Max suggested flow rate |
|-------|---------------------|-------------------------|
| PV409 | 13/16" | 2,5 m3/h |

Conductivity Meter Resilight



- positive, reliable and economical method of monitoring water quality via conductivity;
- bright green/red visual output easy to read;
- Green: conductivity below the threshold value;
- Red: conductivity above the threshold value;
- set point conductivity adjustable from 1,5 to 200 microsiemens;
- probe with threaded 3/8" connection, probe constant K=5;
- with reduction in PVC M/F 1/2" x 3/8";
- complete with transformer 230/5V - 50 Hz and 1,5 m cable;
- for installation on piping at system outlet, or directly on the heads REF. PV400 and REF. PV402.
- ATTENTION: or greatest accuracy it is required that the water be flowing on probe.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| PV425 | RESILIGHT 1.5 - 200 MICROSIEMENS/CM W/CONDUCTIVITY PROBE | 50 | 242 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| CE | MWG | Industrial |



Valves Accessories



Chlorogen Chlorin Generator

- Positive, reliable and economical method of chlorine generation;
- n.1 Titanium Probe for chlorine generation, n.1 TEE $\frac{3}{8}$ " connection and n.2 Jaco straight fitting for $\frac{3}{8}$ " x $\frac{3}{8}$ " tube included;
- bright green/yellow visual output easy to read;
- Green: the system is on;
- Yellow: the system is working in disinfection;
- with time generation adjust;
- 230V - 50 Hz power supply and 1,8 m cable;
- Power 2 W;
- The Chlorin Generator can disinfect up to 140 litres of resin.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-----------------------------------|------|----------|-------------|--|
| AX210 | CHLORGEN KIT W/PROBE AND FITTINGS | 10 | 70 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| CE | MWG | Domestic |

Chlorine generator suitable for valve 255 and Performa 268 with Logix 740/760 and 742/762 controller

- Simple, reliable and cheap disinfection device;
- Delivery includes n.1 electrode and n.1 connection cable;
- Logix 740/760 and 742/762 controllers provide to make a low chlorine level in order to sanitize resin bed during regeneration;
- Logix controller has a light check salt that indicates to end user when salt has to be added into brine tank;
- Potassium chloride or sodium chloride can be used.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--------------------------------------|------|----------|-------------|--|
| AX040 | KIT CHLORINE GENERATOR 255/268 LOGIX | 10 | 70 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| CE | Pentair | Domestic |





Valves Accessories

Test kit for hardness

- Kit for hardness testing with indicator and titrant complete with test tube;
- definition 0,5 °F;
- number of tests 400°F;
- available No 6 blister of indicator 15 ml (REF. AV203) and No 6 blister of titrant 25 ml (REF. AV204).



| Codici | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| AV200 | HARDNESS KIT TESTING INDICATOR + TITRANT | 10 | 66 | • | |
| AV203 | 6 BLISTERS PACK INDICATOR 15 ML | 10 | 66 | • | |
| AV204 | 6 BLISTERS PACK TITRANT 25 ML | 10 | 66 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |

- Kit for hardness testing with single reagent packaged in blister, with test tube;
- available for definition with French (REF. AV202) or German (REF. AV207) degrees.



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| AV202 | HARDNESS KIT TESTING SINGLE REAGENT 2 BLISTER | 10 | 66 | • | |
| AV207 | HARDNESS KIT TESTING SINGLE REAGENT 2 BLISTER GERMAN | 10 | 66 | • | |

| Ref | Description | Definition | Number of tests |
|-------|--|------------|-----------------|
| AV202 | HARDNESS KIT TESTING SINGLE REAGENT 2 BLISTER | 1°F | 700 |
| AV207 | HARDNESS KIT TESTING SINGLE REAGENT 2 BLISTER GERMAN | 1°D | 600 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |

- Kit for hardness testing with single reagent packaged in blister, with test tube;
- available for definition with French (REF. AV201) or German (REF. AV206) degrees.



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| AV201 | HARDNESS KIT TESTING SINGLE REAGENT 1 BLISTER | 10 | 66 | • | |
| AV206 | HARDNESS KIT TESTING SINGLE REAGENT 1 BLISTER GERMAN | 10 | 66 | • | |

| Ref | Description | Definition | Number of tests |
|-------|--|------------|-----------------|
| AV201 | HARDNESS KIT TESTING SINGLE REAGENT 1 BLISTER | 1°F | 350 |
| AV206 | HARDNESS KIT TESTING SINGLE REAGENT 1 BLISTER GERMAN | 1°D | 300 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |



Valves Accessories

**Total chlorine kit**

- Color comparison kit for Chlorine reaction;
- Ideal for water with low content of organics, like drink water.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|---------------|---------------|--------------|----------------|
| AV205 | CHLORINE TESTING KIT O-TOL 0,1-1,5 PPM P/N 1011 | 10 | 66 | • | |
| Ref | Range (ppm Cl2) | Test quantity | | | |
| AV205 | 0,10-0,25-0,50-0,75-1,0-2,0 | 75 | | | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
| | | | | | |

**Chlorine DPD kit**

- Color comparison kit for Chlorine reaction;
- This kit measures the free chlorine and the total chlorine. The difference is given by the combined chlorine (for water with high total organic carbon);
- IPT kits are ideal for few analyzes with discrete precision. For higher precision, we suggest the HYDROCHECK DPD (ideal for waste water, purified drinking water and swimming pool).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|----------------------------|-----------------------------------|---------------|--------------|----------------|
| AV208 | DPD CHLORINE KIT | 10 | 66 | • | |
| AV220 | DPD CHLORINE COLORTEST KIT | 10 | 66 | • | |
| Ref | Sample | Range (ppm Cl2) | Test quantity | | |
| AV208 | 5 ml | 0,1-0,2-0,3-0,4-0,5-0,75-1,0-1,5 | 150 | | |
| AV220 | I | 0,1-0,2-0,3-0,4 -0,5-0,75-1,0-1,5 | 350 | | |
| AV220 | II | 0,025-0,050-0,075 | 350 | | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
| | | | | | |

**Ammonia kit**

- Color comparison kit for Ammonia reaction;
- IPT kits are ideal for few analyzes with discrete precision. For higher precision, we suggest the HYDROCHECK.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|----------------------------------|---------------|---------------|--------------|----------------|
| AV209 | AMMONIA KIT | 10 | 66 | • | |
| AV221 | INDOPHENOL AMMONIA COLORTEST KIT | 10 | 66 | • | |
| Ref | Range (ppm NH3) | Test quantity | | | |
| AV209 | 0,25-0,50-0,75-1,0- ,0-8,0 | 200 | | | |
| AV221 | 0,0-0,10-0,25-0,5-1,0-2,0-4,0 | 180 | | | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
| | | | | | |
| Certificates | Manufacturer | Sectors | | | |
| | | Domestic | | | |



Valves Accessories



Iron kit

- Color comparison kit for Iron reaction;
- IPT kits are ideal for few analyzes with discrete precision. For higher precision, we suggest the HYDROCHECK HIGH.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-------------------------|------|----------|-------------|--|
| AV210 | IRON KIT | 10 | 66 | • | |
| AV222 | HIGH IRON COLORTEST KIT | 10 | 66 | • | |

| Ref | Sample | Range (ppm Fe) | Test quantity |
|-------|--------|---------------------------------|---------------|
| AV210 | 5 ml | 0,25-0,50-1,0-2,0-5,0-7,5-10-15 | 100 |
| AV210 | 20 ml | 0,05-0,10-0,15-0,20 | 100 |
| AV222 | I | 0,25-0,50-1,0-2,0-5,0-7,5-10-15 | 400 |
| AV222 | II | 0,05-0,10-0,15-0,20 | 400 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |



Manganese kit

- Color comparison kit for Manganese reaction;
- IPT kits are ideal for few analyzes with discrete precision. For higher precision, we suggest the HYDROCHECK.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-------------------------|------|----------|-------------|--|
| AV211 | MANGANESE KIT | 10 | 66 | • | |
| AV223 | MANGANESE COLORTEST KIT | 10 | 66 | • | |

| Ref | Sample | Range (ppm Mn) | Test quantity |
|-------|--------|------------------------------------|---------------|
| AV211 | 5 ml | 0,1-0,2-0,25-0,5-0,75-1,0-1,25-1,5 | 70 |
| AV223 | I | 0,1-0,2-0,25-0,5-0,75-1,0-1,25-1,5 | 130 |
| AV223 | II | 0,025-0,050-0,100 | 130 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |



Valves Accessories



Nitrate Kit

- Color comparison kit for Nitrate reaction;
- IPT kits are ideal for few analyzes with discrete precision. For higher precision, we suggest the HYDROCHECK (ideal for waste water, superficial water and drinking water).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|------------------------|------|----------|-------------|--|
| AV212 | NITRATES KIT | 10 | 66 | • | |
| AV224 | NITRATES COLORTEST KIT | 10 | 66 | • | |

| Ref | Range (ppm NO3) | Test quantity |
|-------|------------------------------|---------------|
| AV212 | 10-20-40-60-80-100-120-140 | 50 |
| AV224 | 5-10-20-40-60-80-100-120-140 | 100 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |

pH kit

- Color comparison kit for pH;
- IPT kits are ideal for few analyzes with discrete precision. For higher precision, we suggest pH meters.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-------------|------|----------|-------------|--|
| AV213 | PH 1-11 KIT | 10 | 66 | • | |

| Ref | Range (pH) | Test quantity |
|-------|---|---------------|
| AV213 | 1-2-3-4-5-5,5-6-6,5-7-7,5-8-8,5-9-9,5-10-11 | 200 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |

Sulphate kit

- Color comparison kit for Sulphate by turbidimetric method.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--------------|------|----------|-------------|--|
| AV214 | SULPHATE KIT | 10 | 66 | • | |

| Ref | Range (p pm SO4) | Test quantity |
|-------|-------------------------------|---------------|
| AV214 | 50-75-100-150-200-250-300-350 | 70 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |





F65 Runxin Residential Down Flow Valves



- Electronic programmable valve, suitable for automatic and residential water softening systems;
- Valve body in NSF listed Noryl plastic material;
- Operating system based on two high design ceramic discs;
- Regeneration DF;
- Operating flow rate Kv = 1,08;
- Backwash flow rate Kv = 0,50;
- Resin volume range = 5 ÷ 40 liters;
- Available in chronometric or volumetric versions;
- With White Injector mounted (Pink, Yellow and Blue Injectors included), European transformer 12/230V - 50Hz, upper screen, n.1 Base Seal O-ring, n.1 Drain Hose Connector, n.1 Brine Tube Hose Connector, n.1 Tube Bushing and n.1 Brine Line Flow Control;
- Others injectors (6800 Series) and accessories not included, to order separately;
- If you use a by-pass, you must install a floating valve (our ref. RF09959).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| RF65B1 | VALV. AUT. SOFT. F65B1 (63502) CHRON. 3/4" DF | 22 | 930 | • | |
| RF65D1 | VALV. AUT. SOFT. F65D1 (62502) CHRON. 3/4" DF | 22 | 930 | • | |
| RF65D3 | VALV. AUT. SOFT. F65D3 (62602) VOL. 3/4" DF | 22 | 935 | • | |

| Characteristics: | |
|---|---|
| Tank size | 6" ÷ 10" |
| Connections In/Out | Threaded 3/4" female (male optional included) |
| Pressure vessel connection | Threaded 2 1/2" - 8 UN male |
| Drain line connection | Threaded 1/2" male |
| Brine line connection | Threaded 3/8" BSPT male |
| Distributor tube O. D. diameter | 1,05" (= 27 mm) |
| Distributor tube length above pressure vessel | 0 ± 2 mm |
| Weight (valve + controller) | 1,66 kg |
| Operating pressure | 1,5 ÷ 6,0 bar |
| Water Temperature | 5°C ÷ 50°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|----------|
| DM174-2004 CE | Runxin | Domestic |

Specific Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|---|------|----------|-------------|--|
| RF70B | BYPASS FOR F65 AND F69 VALVES - 41102 | 22 | 940 | • | |
| RF70BL | BYPASS WITH TURBINE FOR F65 AND F69 VALVES - 41102L | 22 | 940 | • | |
| RF09959 | FLOATING VALVE 35" | 22 | 940 | • | |

Spare Parts

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--|------|----------|-------------|--|
| RF09967 | EUROPEAN POWER ADAPTER FOR RUNXIN RES. VALVE | 22 | 940 | • | |
| RFP9999 | UPPER SCREEN 3/4" BAJONET FOR VALVE RUNXIN | 22 | 940 | • | |



F79B-LCD Runxin Residential Volumetric Valve



- Electronic volumetric programmable valve multilanguage, suitable for automatic and residential water softening systems;
- Valve body in NSF listed Noryl plastic material;
- Operating system based on two high design ceramic discs;
- Regeneration DF or UF;
- Operating flow rate Kv = 1,14; Backwash flow rate Kv = 0,5;
- Resin volume range = 5 ÷ 40 liters;
- With Pink Injector mounted (Yellow, Blue and White Injectors included), European transformer 12/230V - 50Hz, upper screen, n.1 Base Seal O-ring, n.1 Drain Hose Connector, n.1 Brine Tube Hose Connector,
- n.1 Tube Bushing and n.1 red Brine Line Flow Control), Meter and Bypass Adjusting Bolt;
- Others injectors (6800 Series) and accessories not included, to order separately.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|--|------|----------|-------------|--|
| RF79B-LCD | VALV. AUT. SOFT. F79B-LCD (83602B) VOL. 3/4" DF/UF | 22 | 935 | • | |

| Characteristics: | |
|---|-----------------------------|
| Tank size | 6" ÷ 10" |
| Connections In/Out | Threaded 3/4" male |
| Pressure vessel connection | Threaded 2 1/2" - 8 UN male |
| Drain line connection | Threaded 1/2" male |
| Brine line connection | Threaded 3/8" BSPT male |
| Distributor tube O. D. diameter | 1,05" (= 27 mm) |
| Distributor tube length above pressure vessel | 0 ± 2 mm |
| Weight (valve + controller) | 2,25 kg |
| Operating pressure | 1,5 ÷ 6,0 bar |
| Water Temperature | 5°C ÷ 50°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| 51x63x24 | 4 | 11 | 105x130x255 | 144 | 41,5 |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|----------|
| DM174-2004 CE | Runxin | Domestic |

Specific accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|------------------------------|------|----------|-------------|--|
| RF70D | BYPASS FOR F79 VALVE - 41202 | 22 | 940 | • | |

Spare parts

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--|------|----------|-------------|--|
| RF09962 | O-R CONNECTOR 3/4" FOR FLOW METER FOR RF79B-LCD VALVE | 22 | 940 | • | |
| RF09963 | CONNECTOR 3/4" FLOW METER FOR RF79B-LCD VALVE W/O O-RING - 8458026 | 22 | 940 | • | |
| RF09964 | ELECTRONIC CONTROL BOARD FOR RF79B-LCD VALVE | 22 | 940 | • | |
| RF09965 | ELECTRONIC POSITIONING BOARD FOR RF79B-LCD VALVE | 22 | 940 | • | |
| RF09966 | ELECTRONIC BOARD FOR DISPLAY RF79B-LCD VALVE | 22 | 940 | • | |
| RF09967 | EUROPEAN POWER ADAPTER FOR RUNXIN RES. VALVE | 22 | 940 | • | |
| RF09968 | TURBINE FLOW METER FOR RF79B-LCD | 22 | 940 | • | |
| RF09969 | SEMI-TRANSPARENT COVER FOR RF79B-LCD VALVE | 22 | 940 | • | |
| RF09970 | PIPE CONNECTION 3/4" FOR RF79B-LCD VALVE | 22 | 940 | • | |
| RFP9999 | UPPER SCREEN 3/4" BAJONET FOR VALVE RUNXIN | 22 | 940 | • | |



F69 Runxin Residential Up Flow Softening Valves

- Electronic programmable valve, suitable for residential water softening systems;
- Valve body in NSF listed Noryl plastic material;
- Operating system based on two high design ceramic discs;
- Regeneration UF;
- Operating flow rate Kv = 1,08;
- Backwash flow rate Kv = 0,5;
- Resin volume range = 5 ÷ 40 liters;
- Available in chronometric or volumetric versions;
- F69C Valve is with Brown Injector mounted;
- F69P Valves are with Pink Injector mounted (Yellow, Blue and White Injectors included);
- European transformer 12/230V - 50Hz, upper screen, n.1 Base
- Seal O-ring, n.1 Drain Hose Connector, n.1 Brine Tube Hose
- Connector, n.1 Tube Bushing and n.1 Brine Line Flow Control);
- Others injectors (6800 Series) and accessories not included, to order separately.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--|------|----------|-------------|--|
| RF69C | VALV. SEMIAUT. SOFT. F69C (70002) CHRON. 3/4" UF | 22 | 935 | • | |
| RF69P1Y | VALV. AUT. SOFT. F69P1Y (73502PY) CHRON. 3/4" UF | 22 | 930 | • | |
| RF69P3Y | VALV. AUT. SOFT. F69P3Y (73602PY) VOL. 3/4" UF | 22 | 935 | • | |

| Characteristics: | |
|---|---|
| Tank size | 6" ÷ 10" |
| Connections In/Out | Threaded 3/4" female (male optional included) |
| Pressure vessel connection | Threaded 2 1/2" - 8 UN male |
| Drain line connection | Threaded 1/2" male |
| Brine line connection | Threaded 1/8" BSPT male |
| Distributor tube O. D. diameter | 1,05" (= 27 mm) |
| Distributor tube length above pressure vessel | 0 ± 2 mm |
| Weight (valve + controller) | 2,04 kg |
| Operating pressure | 1,5 ÷ 6,0 bar |
| Water Temperature | 5°C ÷ 50°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|----------|
| DM174-2004 CE | Runxin | Domestic |

Specific accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|---|------|----------|-------------|--|
| RF70B | BYPASS FOR F65 AND F69 VALVES - 41102 | 22 | 940 | • | |
| RF70BL | BYPASS WITH TURBINE FOR F65 AND F69 VALVES - 41102L | 22 | 940 | • | |
| RF09960 | USB PROGRAMMER FOR RF69C VALVES | 22 | 940 | • | |

Spare parts

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--|------|----------|-------------|--|
| RF09967 | EUROPEAN POWER ADAPTER FOR RUNXIN RES. VALVE | 22 | 940 | • | |
| RFP9999 | UPPER SCREEN 3/4" BAJONET FOR VALVE RUNXIN | 22 | 940 | • | |



F69 Runxin Residential Up Flow Softening Valves on a Duplex Tanks



- Electronic volumetric programmable valve, suitable for automatic and residential water softening systems;
- Valve body in NSF listed Noryl plastic material;
- Operating system based on two high design ceramic discs;
- Regeneration DF or UF;
- Operating flow rate Kv = 2,33;
- Backwash flow rate Kv = 0,88;
- Resin volume range = 45 ± 100 liters;
- With Red Injector mounted (Black Injector included), European transformer 12/230V -50Hz, upper screen, n.1 Base Seal O-ring, n.1 Drain Hose Connector, n.1 Brine Tube Hose Connector, n.1 Tube Bushing, n.1 Brine Line Flow Control, Meter and Bypass Adjusting Bolt;
- Others injectors (6800 Series) and accessories not included, to order separately.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| RF73A | VALV. AUT. SOFT. F73A (17603) VOL. 1" DF/UF - ONE ON DUPLEX TANKS | 22 | 935 | • | |

| Characteristics: | |
|---|---------------------------|
| Tank size | 10" ÷ 14" |
| Connections In/Out | Threaded 1" male |
| Pressure vessel connection | Threaded 2 ½" - 8 UN male |
| Drain line connection | Threaded ¾" male |
| Brine line connection | Threaded ⅜" BSPT male |
| Distributor tube O. D. diameter | 1,05" (= 27 mm) |
| Distributor tube length above pressure vessel | 0 ± 2 mm |
| Weight (valve + controller) | 4,75 kg |
| Operating pressure | 1,5 ÷ 6,0 bar |
| Water Temperature | 5°C ÷ 50°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|----------|
| DM174-2004 CE | Runxin | Domestic |

Spare parts

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--|------|----------|-------------|--|
| RF09967 | EUROPEAN POWER ADAPTER FOR RUNXIN RES. VALVE | 22 | 940 | • | |
| RFP9999 | UPPER SCREEN 3/4" BAJONET FOR VALVE RUNXIN | 22 | 940 | • | |



F63 Runxin Residential Down Flow Softening Valves



- Electronic programmable valve, suitable for automatic and residential water softening systems;
- Valve body in NSF listed Noryl plastic material;
- Operating system based on two high design ceramic discs;
- Regeneration DF; Resin volume range = 40 ÷ 150 liters;
- Operating flow rate Kv = 3,13; Backwash flow rate Kv = 1,25;
- Available in chronometric or volumetric versions;
- With Green Injector mounted (Purple and White Injectors included), European transformer 12/230V – 50Hz, upper screen,
- n.1 Base Seal O-ring, n.1 Drain Hose Connector, n.1 Brine Tube Hose Connector, n.1 Tube Bushing and n.1 Brine Line Flow Control);
- Others injectors (6800 Series) and accessories not included, to order separately.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--|------|----------|-------------|--|
| RF63B1 | VALV. AUT. SOFT. F63B1 (63504S) CHRON. 1" DF | 22 | 930 | • | |
| RF63D1 | VALV. AUT. SOFT. F63D1 (62504) CHRON. 1" DF | 22 | 930 | • | |
| RF63P1Y | VALV. AUT. SOFT. F63P1Y (63504PY) CHRON. 1" DF | 22 | 930 | • | |
| RF63B3 | VALV. AUT. SOFT. F63B3 (63604S) VOL. 1" DF | 22 | 935 | • | |
| RF63C3 | VALV. AUT. SOFT. F63C3 (63604) VOL. 1" DF | 22 | 935 | • | |
| RF63D3 | VALV. AUT. SOFT. F63D3 (62604H) VOL. 1" DF | 22 | 935 | • | |

| Characteristics | |
|---|---|
| Tank size | 10" ÷ 18" |
| Connections In/Out | Threaded 1" female (male optional included) |
| Pressure vessel connection | Threaded 2 ½" - 8 UN male |
| Drain line connection | Threaded ½" male |
| Brine line connection | Threaded ¾" BSPT male |
| Distributor tube O. D. diameter | 1,05" (= 27 mm) |
| Distributor tube length above pressure vessel | 0 ± 2 mm |
| Weight (valve + controller) | 2,34 kg |
| Operating pressure | 1,5 ÷ 6,0 bar |
| Water Temperature | 5°C ÷ 50°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|----------|
| DM174-2004 CE | Runxin | Domestic |

Specific Accessories

| Ref. | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| RF70A | BYPASS FOR F63 AND F68 VALVES - 2974001 | 22 | 940 | • | |
| RF70AL | BYPASS WITH TURBINE FOR F63 AND F68 VALVES - 2974013 | 22 | 940 | • | |

Spare Parts

| Ref. | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--|------|----------|-------------|--|
| RF09967 | EUROPEAN POWER ADAPTER FOR RUNXIN RES. VALVE | 22 | 940 | • | |
| RFP9999 | UPPER SCREEN 3/4" BAJONET FOR VALVE RUNXIN | 22 | 940 | • | |



F82B-LCD Runxin Residential Volumetric Valves



- Electronic volumetric programmable valve multilanguage, suitable for automatic and residential water softening systems;
- Valve body in NSF listed Noryl plastic material;
- Operating system based on two high design ceramic discs;
- Regeneration DF or UF;
- Operating flow rate Kv = 3,13;
- Backwash flow rate Kv = 1,25;
- Resin volume range = 40 ± 150 liters;
- With White Injector mounted (Red, Black and Orange Injectors included), European transformer 12/230V - 50Hz, upper screen, n.1 Base Seal O-ring, n.1 Drain Hose Connector, n.1 Brine Tube Hose Connector, n.1 Tube Bushing and n.1 Brine Line Flow Control), Meter and Bypass Adjusting Bolt;
- Others injectors (6800 Series) and accessories not included, to order separately

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|--|------|----------|-------------|--|
| RF82B-LCD | VALV. AUT. SOFT. F82B-LCD (82604B) VOL. 1" DF/UF | 22 | 935 | • | |

| Characteristics: | |
|---|---------------------------|
| Tank size | 10" ÷ 18" |
| Connections In/Out | Threaded 1" male |
| Pressure vessel connection | Threaded 2 ½" - 8 UN male |
| Drain line connection | Threaded ½" male |
| Brine line connection | Threaded ¾" BSPT male |
| Distributor tube O. D. diameter | 1,05" (= 27 mm) |
| Distributor tube length above pressure vessel | 0 ± 2 mm |
| Weight (valve + controller) | 2,72 kg |
| Operating pressure | 1,5 ÷ 6,0 bar |
| Water Temperature | 5°C ÷ 50°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|----------|
| DM174-2004 CE | Runxin | Domestic |

Accessories

| Codici | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| RF70CL | BYPASS WITH TURBINE FOR F63 F68 F82 VALVES - 2974015 | 22 | 940 | • | |

Spare parts

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--|------|----------|-------------|--|
| RF09967 | EUROPEAN POWER ADAPTER FOR RUNXIN RES. VALVE | 22 | 940 | • | |
| RFP9999 | UPPER SCREEN 3/4" BAJONET FOR VALVE RUNXIN | 22 | 940 | • | |



F68 Runxin Residential Up Flow Valves



- Electronic programmable valve, suitable for automatic and residential water softening systems;
- Valve body in NSF listed Noryl plastic material;
- Operating system based on two high design ceramic discs;
- Regeneration UF;
- Operating flow rate Kv = 3,13;
- Backwash flow rate Kv = 1,25;
- Resin volume range = 18 ÷ 150 liters;
- Available in volumetric version;
- With Yellow Injector mounted (Red, Black and Orange Injectors included), European transformer 12/230V - 50Hz, upper screen, n.1 Base Seal O-ring, n.1 Drain Hose Connector, n.1 Brine Tube Hose Connector, n.1 Tube Bushing and n.1 Brine Line Flow Control);
- Others injectors (Series 6800) and accessories not included, to order separately.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|---|------|----------|-------------|--|
| RF68C3 | VALV. AUT. SOFT. F68C3 (73604) VOL. 1" UF | 22 | 935 | | |
| RF68P3Y | VALV. AUT. SOFT. F68P3Y VOL. 1" UF | 22 | 935 | | |

| Characteristics | |
|---|---------------------------|
| Tank size | 10" ÷ 18" |
| Connections In/Out | Threaded 1" male |
| Pressure vessel connection | Threaded 2 ½" - 8 UN male |
| Drain line connection | Threaded ½" male |
| Brine line connection | Threaded ¾" BSPT male |
| Distributor tube O. D. diameter | 1,05" (= 27 mm) |
| Distributor tube length above pressure vessel | 0 ± 2 mm |
| Weight (valve + controller) | 2,90 kg |
| Operating pressure | 1,5 ÷ 6,0 bar |
| Water Temperature | 5°C ÷ 50°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|----------|
| DM174-2004 CE | Runxin | Domestic |

Specific Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| RF70AL | BYPASS WITH TURBINE FOR F63 AND F68 VALVES - 2974013 | 22 | 940 | • | |
| RF70CL | BYPASS WITH TURBINE FOR F63 F68 F82 VALVES - 2974015 | 22 | 940 | • | |

Spare Parts

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--|------|----------|-------------|--|
| RF09967 | EUROPEAN POWER ADAPTER FOR RUNXIN RES. VALVE | 22 | 940 | • | |
| RFP9999 | UPPER SCREEN 3/4" BAJONET FOR VALVE RUNXIN | 22 | 940 | • | |



F92A-LED Runxin Residential Up Flow Valve



- Electronic programmable valve, suitable for automatic and residential water softening systems;
- Valve body in NSF listed Noryl plastic material;
- Operating system based on two high design ceramic discs;
- Regeneration UF;
- Operating flow rate Kv = 4,77;
- Backwash flow rate Kv = 1,35;
- Resin volume range = 120 ÷ 300 liters;
- Available in volumetric version;
- With Red Injector mounted (Purple, Green, Yellow and Orange Injectors included), European transformer 12/230V - 50Hz, upper screen, n.1 Base Seal O-ring, n.1 Drain Hose Connector, n.1 Brine Tube Hose Connector, n.1 Tube Bushing and n.1 Brine Line Flow Control).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|--|------|----------|-------------|--|
| RF92A-LED | VALV. AUT. SOFT. F92A-LED (73605) VOL. 1" UF | 22 | 935 | • | |

| Characteristics | |
|---|---------------------------|
| Tank size | 16" ÷ 24" |
| Connections In/Out | Threaded 1" male |
| Pressure vessel connection | Threaded 2 ½" - 8 UN male |
| Drain line connection | Threaded ½" male |
| Brine line connection | Threaded ¾" BSPT male |
| Distributor tube O. D. diameter | 32 mm |
| Distributor tube length above pressure vessel | 0 ± 2 mm |
| Weight (valve + controller) | 2,72 kg |
| Operating pressure | 1,5 ÷ 6,0 bar |
| Water Temperature | 5°C ÷ 50°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|----------|
| DM174-2004 CE | Runxin | Domestic |

Spare parts

| Codici | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--|------|----------|-------------|--|
| RF09967 | EUROPEAN POWER ADAPTER FOR RUNXIN RES. VALVE | 22 | 940 | • | |
| RF09949 | UPPER SCREEN 32 MM FOR RUNXIN VALVES - 6939003 | 22 | 940 | • | |



Runxin Residential Valves Accessories

- Injectors and Accessories not included in the Runxin Residential Valves, to order separately.

Specific accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|---|------|----------|-------------|--|
| RF06801 | INJECTOR BROWN + DLFC FOR RUNXIN VALVES - 6801 | 22 | 940 | • | |
| RF06802 | INJECTOR PINK + DLFC FOR RUNXIN VALVES - 6802 | 22 | 940 | • | |
| RF06803 | INJECTOR YELLOW + DLFC FOR RUNXIN VALVES - 6803 | 22 | 940 | • | |
| RF06804 | INJECTOR BLUE + DLFC FOR RUNXIN VALVES - 6804 | 22 | 940 | • | |
| RF06805 | INJECTOR WHITE + DLFC FOR RUNXIN VALVES - 6805 | 22 | 940 | • | |
| RF06806 | INJECTOR BLACK + DLFC FOR RUNXIN VALVES - 6806 | 22 | 940 | • | |
| RF06807 | INJECTOR PURPLE + DLFC FOR RUNXIN VALVES - 6807 | 22 | 940 | • | |
| RF06808 | INJECTOR RED + DLFC FOR RUNXIN VALVES - 6808 | 22 | 940 | • | |
| RF06809 | INJECTOR GREEN FOR RUNXIN VALVES - 6809 | 22 | 940 | • | |
| RF06810 | INJECTOR ORANGE FOR RUNXIN VALVES - 6810 | 22 | 940 | • | |
| RF06301 | INJECTOR BROWN + DLFC #1 FOR RUNXIN VALVES -6301 | 22 | 940 | | |
| RF06302 | INJECTOR PINK + DLFC #1 FOR RUNXIN VALVES - 6302 | 22 | 940 | | |
| RF06303 | INJECTOR YELLOW+DLFC #2 FOR RUNXIN VALVES - 6303 | 22 | 940 | | |
| RF06304 | INJECTOR BLUE + DLFC #2 FOR RUNXIN VALVES - 6304 | 22 | 940 | | |
| RF06305 | INJECTOR WHITE + DLFC #3 FOR RUNXIN VALVES - 6305 | 22 | 940 | | |
| RF06306 | INJECTOR BLACK +DLFC #3 FOR RUNXIN VALVES - 6306 | 22 | 940 | | |
| RF06307 | INJECTOR PURPLE +DLFC #4 FOR RUNXIN VALVES - 6307 | 22 | 940 | | |
| RF06308 | INJECTOR RED + DLFC #4FOR RUNXIN VALVES - 6308 | 22 | 940 | | |
| RF06309 | INJECTOR GREEN + DLFC #5 FOR RUNXIN VALVES - 6309 | 22 | 940 | | |
| RF06310 | INJECTOR ORANGE + DLFC #5 FOR RUNXIN VALVES - 6310 | 22 | 940 | | |
| RF09995 | SERVICE WRENCH FOR RUNXIN VALVES - 8484003 | 22 | 940 | • | |
| RF47010 | RUNXIN CHLORINATOR FOR VALVE F79, F82 AND FOR VALVES D SERIES | 22 | 940 | • | |
| RF09998 | SPACER 2.5" M/F W/ O-RING AND WRENCH | 22 | 940 | • | |
| RF09997 | SPANNER FOR SPACER RF09998 | 22 | 940 | • | |
| RF09971 | ENGLISH POWER ADAPTER FOR RF79B-LCD VALVE | 22 | 940 | • | |
| RF43010 | BRINE WELL DIAM. 60 MM H 396 MM W/FLOATING VALVE | 45 | 230 | • | |
| RF43011 | BRINE WELL DIAM. 60 MM H 308 MM W/FLOATING VALVE | 45 | 230 | • | |
| RF09922 | INTERLOCK WIRE FOR RUNXIN VALVES F63(68)C - F63(65-68)P | 22 | 940 | • | |
| RFP07 | 434 STANDARD BRINE VALVE | 22 | 940 | | |
| RFP08 | 454 STANDARD BRINE VALVE | 22 | 940 | | |



F74 Runxin Industrial Down Flow Valve



- Electronic programmable valve, suitable for automatic and industrial water softening systems;
- Valve body in NSF listed Noryl plastic material;
- Operating system based on two high design ceramic discs;
- Regeneration DF;
- Operating flow rate Kv = 6,50;
- Backwash flow rate Kv = 3,57;
- Resin volume range = 120 ÷ 450 liters;
- With Pink Injector mounted (Brown and Blue Injectors included), European transformer 12/230V – 50Hz, upper screen,
- n.1 Base Seal O-ring,
- n.1 Drain Hose Connector,
- n.1 Brine Tube Hose Connector,
- n.1 Tube Bushing and n.1 Brine Line Flow Control);
- Others injectors (series 7400) and accessories not included, to order separately.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| RF74A3 | VALV. AUT. SOFT. F74A3 (63610) VOL. 2" DF | 27 | 965 | • | |

| Characteristics | |
|---|-------------------------|
| Tank size | 21" ÷ 30" |
| Connections In/Out | Threaded 2" male |
| Pressure vessel connection | Threaded 4 "- 8 UN male |
| Drain line connection | Threaded 1" male |
| Brine line connection | Threaded ½" BSPT male |
| Distributor tube O. D. diameter | 50 mm |
| Distributor tube length above pressure vessel | 0 ± 2 mm |
| Weight (valve + controller) | 5,88 kg |
| Operating pressure | 2,0 ÷ 6,0 bar |
| Water Temperature | 5°C ÷ 50°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | Runxin | Industrial |

Spare parts

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--|------|----------|-------------|--|
| RF09974 | EUROPEAN POWER ADAPTER FOR RUNXIN IND.VALVES | 27 | 970 | • | |
| RF09950 | UPPER SCREEN 50 MM FOR RUNXIN VALVES | 27 | 970 | • | |



F99 Runxin Industrial Down Flow Valves



- Electronic programmable valve, suitable for automatic and industrial water softening systems;
- Valve body in NSF listed Noryl plastic material;
- Operating system based on two high design ceramic discs;
- Regeneration DF;
- Operating flow rate Kv = 14,4;
- Backwash flow rate Kv = 5,72;
- Resin volume range = 450 ÷ 800 liters;
- With Yellow Injector mounted (Pink Injectors included), European transformer 12/230V - 50Hz, upper screen,
- n.1 Base Seal O-ring,
- n.1 Drain Hose Connector,
- n.1 Brine Tube Hose Connector,
- n.1 Tube Bushing and n.1 Brine Line Flow Control);
- Others injectors (7700 Series) and accessories not included, to order separately.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| RF99A1 | VALV. AUT. SOFT. F99A1 (63515) CHRON. 2" DF | 27 | 960 | • | |
| RF99A3 | VALV. AUT. SOFT. F99A3 (63615) VOL. 2" DF | 27 | 965 | • | |

| Characteristics | |
|---|--------------------------|
| Tank size | 30" ÷ 42" |
| Connections In/Out | Threaded 2" male |
| Pressure vessel connection | Threaded 4 " - 8 UN male |
| Drain line connection | Threaded 1,5" male |
| Brine line connection | Threaded ¾" BSPT male |
| Distributor tube O. D. diameter | 50 mm |
| Distributor tube length above pressure vessel | 0 ± 2 mm |
| Weight (valve + controller) | 11,50 kg |
| Operating pressure | 2,0 ÷ 6,0 bar |
| Water Temperature | 5°C ÷ 50°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | Runxin | Industrial |

Spare parts

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--|------|----------|-------------|--|
| RF09974 | EUROPEAN POWER ADAPTER FOR RUNXIN IND.VALVES | 27 | 970 | • | |
| RF09950 | UPPER SCREEN 50 MM FOR RUNXIN VALVES | 27 | 970 | • | |



F111 Runxin Industrial Down Flow Valves



- Electronic programmable valve, suitable for automatic and industrial water softening systems;
- Valve body in NSF listed Noryl plastic material;
- Operating system based on two high design ceramic discs;
- Regeneration DF;
- Operating flow rate Kv = 16,71;
- Backwash flow rate Kv = 18,97;
- Resin volume range = 450 ± 800 liters;
- Available in chronometric or volumetric versions;
- With Blue Injector mounted (Yellow and White Injectors included), European transformer 12/230V – 50Hz, upper screen, n.1 Base Seal O-ring, n.1 Drain Hose Connector, n.1 Brine Tube Hose Connector, n.1 Tube Bushing and n.1 Brine Line Flow Control;
- Others injectors (7700 Series) and accessories not included, to order separately.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--|------|----------|-------------|--|
| RF111A1 | VALV. AUT. SOFT. F111A1 (63520) CHRON. 2" DF | 27 | 960 | • | |
| RF111A3 | VALV. AUT. SOFT. F111A3 (63620) VOL. 2" DF | 27 | 965 | • | |

| Characteristics | |
|---|-------------------------|
| Tank size | 30" ÷ 48" |
| Connections In/Out | Threaded 2" male |
| Pressure vessel connection | Threaded 4 "- 8 UN male |
| Drain line connection | Threaded 1,5" male |
| Brine line connection | Threaded 3/4" BSPT male |
| Distributor tube O. D. diameter | 63 mm |
| Distributor tube length above pressure vessel | 0 ± 2 mm |
| Weight (valve + controller) | 11,50 kg |
| Operating pressure | 2,0 ÷ 6,0 bar |
| Water Temperature | 5°C ÷ 50°C |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | Runxin | Industrial |

Spare parts

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--|------|----------|-------------|--|
| RF09974 | EUROPEAN POWER ADAPTER FOR RUNXIN IND.VALVES | 27 | 970 | • | |
| RF09951 | UPPER SCREEN 63 MM FOR RUNXIN VALVES | 27 | 970 | • | |

- **Specific accessories** - Injectors and Accessories not included in the Runxin Industrial Valves, to order separately.

| Ref. | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|---|------|----------|-------------|--|
| RF07401 | INJECTOR BROWN + DLFC FOR RUNXIN VALVES - 7401 | 27 | 970 | • | |
| RF07402 | INJECTOR PINK + DLFC FOR RUNXIN VALVES - 7402 | 27 | 970 | • | |
| RF07403 | INJECTOR YELLOW + DLFC FOR RUNXIN VALVES - 7403 | 27 | 970 | • | |
| RF07404 | INJECTOR BLUE + DLFC FOR RUNXIN VALVES - 7404 | 27 | 970 | • | |
| RF07701 | INJECTOR BROWN FOR RUNXIN VALVES - 7701 | 27 | 970 | • | |
| RF07702 | INJECTOR PINK FOR RUNXIN VALVES - 7702 | 27 | 970 | • | |
| RF07703 | INJECTOR YELLOW FOR RUNXIN VALVES - 7703 | 27 | 970 | • | |
| RF07704 | INJECTOR BLUE FOR RUNXIN VALVES - 7704 | 27 | 970 | • | |
| RF07705 | INJECTOR WHITE FOR RUNXIN VALVES - 7705 | 27 | 970 | • | |
| RF09995 | SERVICE WRENCH FOR RUNXIN VALVES - 8484003 | 22 | 940 | • | |



F75 Runxin Industrial Filter Valve



- Electronic valve, suitable for automatic and industrial water filtering systems;
- Valve body in NSF listed Noryl plastic material;
- Operating system based on two high design ceramic discs;
- Operating flow rate Kv = 8,7;
- Backwash flow rate Kv = 8,0;
- With European transformer 12/230V - 50Hz, upper screen,
- n.1 Base Seal O-ring, n.1 Drain Hose Connector.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|---------------------------|------|--------------|----------------|--|
| RF75A | VALV. AUT. FILTER F75A 2" | 27 | 968 | • | |



| Characteristics | |
|---|-------------------------|
| Tank size | 16" ÷ 24" |
| Connections In/Out | Threaded 2" male |
| Pressure vessel connection | Threaded 4 "- 8 UN male |
| Drain line connection | Threaded 2" male |
| Distributor tube O. D. diameter | 50 mm |
| Distributor tube length above pressure vessel | 0 ± 2 mm |
| Weight (valve + controller) | 4,4 kg |
| Operating pressure | 2,0 ÷ 6,0 bar |
| Water Temperature | 5°C ÷ 50°C |



| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |



| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | Runxin | Industrial |

Spare parts

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|---------|--|------|--------------|----------------|--|
| RF09974 | EUROPEAN POWER ADAPTER FOR RUNXIN IND.VALVES | 27 | 970 | • | |
| RF09950 | UPPER SCREEN 50 MM FOR RUNXIN VALVES | 27 | 970 | • | |



Runxin Manual Softening Valves



- Multi-way valves having five functions: service, backwash, brine, fast rinse and refill;
- IN/OUT connections 3/4" BSPP female;
- Drain line connection 1/2" BSPP female;
- Brine line connection 3/8" BSPT male;
- Riser tube diameter 1,05" (26,7 mm);
- Max suggested flow 1,5 m3/h (only valve) @ $\Delta p = 1,75$ bar;
- Operating flow rate Kv = 1,09;
- Backwash flow rate Kv = 0,55;
- Max operating pressure 6 bar @ 20°C;
- Max operating temperature 50°C;
- Upper screen included.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| RF64B | VALV. MANUAL SOFT. F64B (61202) 3/4" DF | 22 | 950 | • | |
| RF64BC | VALV. MANUAL SOFT. F64BC (61202C) 3/4" DF - SIDE CONTROL | 22 | 950 | • | |
| RF64C | VALV. MANUAL SOFT. F64C (71202) 3/4" UF | 22 | 950 | | |

| Ref | Description | Mounting |
|--------|--|----------|
| RF64B | VALV. MANUAL SOFT. F64B (61202) 3/4" DF | Vertical |
| RF64BC | VALV. MANUAL SOFT. F64BC (61202C) 3/4" DF - SIDE CONTROL | Side |
| RF64C | VALV. MANUAL SOFT. F64C (71202) 3/4" UF | Vertical |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | Runxin | Domestic |



- Multi-way valves having five functions: service, backwash, brine, fast rinse and refill;
- IN/OUT connections 1" BSPP female;
- Drain line connection 1/2" BSPP female;
- Brine line connection 3/8" BSPT male;
- Riser tube diameter 1,05" (26,7 mm);
- Max suggested flow 4,5 m3/h (only valve) @ $\Delta p = 1,75$ bar;
- Operating flow rate Kv = 3,13;
- Backwash flow rate Kv = 1,25;
- Max operating pressure 6 bar @ 20°C;
- Max operating temperature 50°C;
- Upper screen included.
- **ATTENTION:** this multi-way valve is prohibited to change working position with pressure; make sure to shut down pump or close feed valve before rotating the handle to other working position.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| RF64A1 | VALV. MANUAL SOFT. F64A (61104) 1"DF - METAL HANDLE | 22 | 950 | • | |
| RF64A2 | VALV. MANUAL SOFT. F64A (61204) 1"DF - PLASTIC HANDLE | 22 | 950 | • | |
| RF64AC | VALV. MANUAL SOFT. F64AC (61204C) 1"DF - SIDE CONTROL | 22 | 950 | • | |

| Ref | Description | Mountig |
|--------|---|----------|
| RF64A1 | VALV. MANUAL SOFT. F64A (61104) 1"DF - METAL HANDLE | Vertical |
| RF64A2 | VALV. MANUAL SOFT. F64A (61204) 1"DF - PLASTIC HANDLE | Vertical |
| RF64AC | VALV. MANUAL SOFT. F64AC (61204C) 1"DF - SIDE CONTROL | Side |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | Runxin | Domestic |



Runxin Manual Filter Valves

**Max 4 m³/h Multi-way Manual Valve**

- Multi-way valve having three functions: filtration, backwash, rinse;
- Fits threaded tanks 2 ½" – 8NPSM;
- IN/OUT connections and drain 1" BSPP female;
- Riser tube diameter 1,05" (26,7 mm);
- Max suggested flow 4 m³/h (only valve);
- Max operating pressure 6 bar @ 20°C;
- Max operating temperature 50°C;
- Upper screen included
- **ATTENTION:** this multi-way valve is prohibited to change working position with pressure; make sure to shut down pump or close feed valve before rotating the handle to other working position.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PV410 | MULTI-WAY MANUAL VALVE 2.5" IN/OUT AND DRAIN W/UPPER SCREEN 1.05" | 50 | 240 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | Runxin | Industrial |

Max 10 m³/h Multi-way Manual Valves

- Multi-way valve having three functions: filtration, backwash, rinse;
- Fits threaded tanks 4" – 8UN;
- IN/OUT connections 2" BSPP female;
- Drain line connection 1,5" BSPP female;
- Riser tube diameter 50 mm;
- Max suggested flow 10 m³/h (only valve) @ $\Delta p = 1,75$ bar;
- Operating flow rate Kv = 8,2;
- Backwash flow rate Kv = 6,1;
- Max operating pressure 6 bar @ 20°C;
- Max operating temperature 50°C;
- Upper screen included.
- **ATTENTION:** this multi-way valve is prohibited to change working position with pressure; make sure to shut down pump or close feed valve before rotating the handle to other working position.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| RF56D1 | VALV. MANUAL FILTER F56D1 (51110) 2°F - METAL HANDLE | 22 | 980 | • | |
| RF56D2 | VALV. MANUAL FILTER F56D2 (51210) 2°F - PLASTIC HANDLE | 22 | 980 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | Runxin | Industrial |



Fleck Residential Valves Series 4600



- Made in European Union (Italy)
- The 4600 control valve is suitable for residential softening applications,
- fully adjustable, for efficient and reliable water treatment.
- Designed with a double backwash for less loss of hardness.
- Valve body in brass.
- It is a single piston valve, with a protective cover against atmospheric agents resistant to water, corrosion and UV rays.
- Down Flow regeneration
- Operating Flow Rate = 4.5 m³/h (20 gpm)
- Backwash Flow Rate 1.6 m³/h (7 gpm)
- Regeneration:
- Timeclock: 7 or 12 days
- Meter: delayed or immediate
- Electronics
- Complete with European Transformer 230-24 V / 50/60 Hz 60 VA and 1.05" twist lock upper screen.
- OPTIONS: Mechanical controllers for simplex; Hot Water - only mechanical 65 ° C meter / 82 ° C timeclock

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------------|---|------|--------------|----------------|--|
| FV460MC-600 | FLECK VALV. 4600/1600 12 DAYS 0-1,2-0,25 | 23 | 505 | | |
| FV460MC-601 | FLECK VALV. 4600/1600 12 DAYS 1-1,5-0,25 HW | 23 | 505 | | |
| FV460MC-602 | FLECK VALV. 4600/1600 12 DAYS 0-1,2-0,25 LWU HW | 23 | 505 | | |
| FV460MC-603 | FLECK VALV. 4600/1600 12 DAYS 0-1,2-0,25 LWU | 23 | 505 | | |
| FV460MR-600 | FLECK VALV. 4600/1600 3/4" ECOBYPASS 8 M3 0-1,2-0,25 HW | 23 | 505 | | |
| FV460MR-601 | FLECK VALV. 4600/1600 3/4" ECOBYPASS 8 M3 1-1,5-0,25 HW | 23 | 505 | | |
| FV460MR-602 | FLECK VALV. 4600/1600 3/4" ECOBYPASS 8 M3 0-1,2-0,25 LWU HW | 23 | 505 | | |
| FV460MR-603 | FLECK VALV. 4600/1600 3/4" ECOBYPASS 8 M3 1-1,5-0,25 LWU HW | 23 | 505 | | |
| FV460MR-604 | FLECK VALV. 4600/1600 3/4" METER 8 M3 0-1,2-0,25 LWU | 23 | 505 | | |
| FV460MR-605 | FLECK VALV. 4600/1600 3/4" METER 8 M3 1-1,5-0,25 LWU | 23 | 505 | | |
| FV460SC-600 | FLECK VALV. 4600/1600 SXT 0-1,2-0,25 HW | 23 | 505 | | |

| Characteristics | |
|---------------------------------|-----------------------------|
| Tank size (recommended): | Softening System = 6" ÷ 12" |
| In/Out Connections | Threaded ¾" or 1" BSP |
| Pressure vessel connection | Threaded 2,5" - 8 UN male |
| Drain line connection | Threaded ½" NPT or BSP |
| Brine line connection (1600) | Threaded ⅜" |
| Distributor tube O. D. diameter | 1,05" (=27 mm) |
| Operating pressure | 1,4 ÷ 8,5 bar |
| Water Temperature | 1 ÷ 40 °C |
| Protection class | IP22 |
| Height (from top of tank) | 180 mm |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------|--------------|----------|
| DM174-2004 CE, EAC | Pentair | Domestic |

Accessories

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------------|--|------|--------------|----------------|--|
| FVA13398-10 | 1" BSP F BRASS YOKE FOR 5800, 9000 AND 9100 VALVES | 23 | 590 | | |
| FVA18706-10 | 1" BSP M PLASTIC YOKE FOR 5800, 9000 AND 9100 VALVES | 23 | 590 | | |
| FVA24689 | 3/4" BSP M BRASS YOKE FOR 5800, 9000 AND 9100 VALVES | 23 | 590 | | |
| FVA18706-12 | 3/4" BSP M PLASTIC YOKE FOR 5800, 9000 AND 9100 VALVES | 23 | 590 | | |



Fleck Residential Valves Series 5600



- Made in European Union (Italy)
- The 5600 is high performance control valve, ideal for residential softening applications with multiple options (also filter). The valve body in fiber-reinforced material is UV rays resistant and no subject to corrosion. The valve is easily programmable and very intuitive. Modular design simplifies the disassembly and the maintenance.
- The 5600 valve has a mechanical timer: the 5600SXT valve is an electronic valve: they share the same valve body (5600), but it is different for the cover and the electronic components.
- Down Flow regeneration.
- Valve body in Noryl plastic material = polyphenylene oxide (PPO).
- Operating Flow Rate = 4.5 m³/h (20 gpm)
- Backwash Flow rate = 1.6 m³/h (7 gpm)
- Regeneration:
 - Chronometric: 7 or 12 days
 - Volumetric: delayed or immediate
 - Electronics
- Complete with European Transformer 230-24 V / 50/60 Hz 60 VA and 1.05" twist lock upper screen.
- OPTIONS: SXT electronics.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------------|--|------|--------------|----------------|--|
| FV560MC-600 | FLECK VALV. 5600/1600 12 DAYS 0-1,2-0,25 LWU | 23 | 500 | | |
| FV560MC-601 | FLECK VALV. 5600/1600 12 DAYS 1-1,5-0,25 | 23 | 500 | | |
| FV560MC-602 | FLECK VALV. 5600/1600 12 DAYS 2-3,5-0,5 | 23 | 500 | | |
| FV560MC-603 | FLECK VALV. 5600 FILTER 12 DAYS 7 GPM MW | 23 | 500 | | |
| FV560MR-601 | FLECK VALV. 5600/1600 3/4" METER 8 M3 1-1,5-0,25 | 23 | 500 | | |
| FV560MR-602 | FLECK VALV. 5600/1600 3/4" METER 40 M3 2-3,5-0,5 | 23 | 500 | | |
| FV560MR-603 | FLECK VALV. 5600/1600 3/4" METER 8 M3 0-1,2-0,25 LWU | 23 | 500 | | |
| FV560SC-600 | FLECK VALV. 5600/1600 SXT 0-1,2-0,25 | 23 | 500 | | |
| FV560SC-601 | FLECK VALV. 5600/1600 SXT 1-1,5-0,25 | 23 | 500 | | |
| FV560SR-600 | FLECK VALV. 5600/1600 SXT 3/4" TURBINE 0-1,2-0,25 | 23 | 500 | | |
| FV560SR-601 | FLECK VALV. 5600/1600 SXT 3/4" TURBINE 1-1,5-0,25 | 23 | 500 | | |
| FV560SR-602 | FLECK VALV. 5600/1600 SXT 3/4" TURBINE 2-3,5-0,5 | 23 | 500 | | |
| FV560SR-603 | FLECK VALV. 5600/1600 SXT 3/4" TURBINE 1-2,4-0,25 | 23 | 500 | | |

| Characteristics | |
|---------------------------------|-------------------------------------|
| Tank size (recommended): | Softening System = 6" ÷ 12" |
| In/Out Connections | Threaded ¾" or 1" BSP |
| Pressure vessel connection | Threaded 2,5" - 8 UN male |
| Drain line connection | Threaded ½" NPT or BSP |
| Brine line connection (1600) | Threaded ¼" |
| Distributor tube O. D. diameter | 1,05" (=27 mm) |
| Operating pressure | 1,4 ÷ 8,5 bar |
| Water Temperature | 1 ÷ 40 °C |
| Protection class | IP22 |
| Height (from top of tank) | 180 mm (200 mm with programmer SXT) |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------|--------------|----------|
| DM174-2004 CE, EAC | Pentair | Domestic |



Fleck Residential Valves Series 5600

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|--|------|----------|-------------|--|
| FVA13398-10 | 1" BSP F BRASS YOKE FOR 5800, 9000 AND 9100 VALVES | 23 | 590 | | |
| FVA18706-10 | 1" BSP M PLASTIC YOKE FOR 5800, 9000 AND 9100 VALVES | 23 | 590 | | |
| FVA24689 | 3/4" BSP M BRASS YOKE FOR 5800, 9000 AND 9100 VALVES | 23 | 590 | | |
| FVA18706-12 | 3/4" BSP M PLASTIC YOKE FOR 5800, 9000 AND 9100 VALVES | 23 | 590 | | |



Fleck Residential Valves Series 5800



- Made in European Union (Italy)
- The 5800 control valve is suitable for residential/commercial filter/softening applications. The valve body is in fiber-reinforced material is UV rays resistant and no subject to corrosion.
- 5800 represents a great step forward in the Fleck product range: the valve platform
- is made of one hydraulic valve and different controllers, allowing various options, eliminating the need to stock a variety of control valves for filter or softener applications. 5800 features an improved flow, easy servicing (one-piece seal and spacer cartridge for quick and easy replacement) and a quick set-up.
- Cartridge with seal and spacer, reduced list of spare parts and snap assembly.
- LCD - backlit display that helps in the presence of poor lighting conditions.
- Down/Up Flow regeneration, according to the models.
- Valve body in Noryl plastic material = polyphenylene oxide (PPO).
- Operating Flow Rate** = 4.7 m³/h (21gpm) **Backwash Flow rate** = 3.8 m³/h (16 gpm)
- Regeneration: - **Chronometric**: 7 or 12 days - **Volumetric**: delayed or immediate - Electronics
- Complete with 1.05" twist lock upper screen. In 24 V with international adapter 230 VAC - 12 VDC 50/60 Hz.
- NOTE:** Not use silicone lubricants. **OPTIONS:** Electronic LXT - SXT - XTR

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|---|------|----------|-------------|--|
| FV580LC-001 | FLECK VALV. 5800/1600 LXT DF 000-1,5-0,125 | 23 | 510 | | |
| FV580LR-001 | FLECK VALV. 5800/1600 LXT DF 3/4" TURBINE 000-1,5-0,125 | 23 | 510 | | |
| FV580LR-002 | FLECK VALV. 5800/1600 LXT UF 3/4" TURBINE 000-1,5-0,125 | 23 | 510 | | |
| FV580LC-002 | FLECK VALV. 5800/1600 LXT UF 000-1,5-0,125 | 23 | 510 | | |
| FV580LC-003 | FLECK VALV. 5800 FILTER LXT 7 GPM | 23 | 510 | | |
| FV580SC-001 | FLECK VALV. 5800/1600 SXT DF 1-1,5-0,25 | 23 | 510 | | |
| FV580SR-001 | FLECK VALV. 5800/1600 SXT DF 3/4" TURBINE 1-1,5-0,25 | 23 | 510 | | |
| FV580SR-002 | FLECK VALV. 5800/1600 SXT DF 3/4" TURBINE 0-1,2-0,25 | 23 | 510 | | |
| FV580SR-003 | FLECK VALV. 5800/1600 SXT UF 3/4" TURBINE 00-1,2-0,125 | 23 | 510 | | |
| FV580SC-003 | FLECK VALV. 5800/1600 SXT UF 00-1,2-0,125 | 23 | 510 | | |
| FV580SC-004 | FLECK VALV. 5800 FILTER SXT 7 GPM | 23 | 510 | | |
| FV580XC-001 | FLECK VALV. 5800/1600 XTR DF 1-1,5-0,25 | 23 | 510 | | |
| FV580XR-001 | FLECK VALV. 5800-1600 XTR DF 3/4" TURBINE 1-1,5-0,25 | 23 | 510 | | |
| FV580XR-002 | FLECK VALV. 5800/1600 XTR UF 3/4" TURBINE 00-1,2-0,25 | 23 | 510 | | |
| FV580XC-003 | FLECK VALV. 5800 FILTER XTR 7 GPM | 23 | 510 | | |

| Characteristics | |
|---------------------------------|---|
| Tank size (recommended): | Softening System = 6" ÷ 16" Filter = 8" ÷ 16" |
| In/Out Connections | Threaded 1/4 or 1,5" BSP to order separately |
| Pressure vessel connection | Threaded 2,5" - 8 UN male |
| Drain line connection | Threaded 1/2" or 1" NPT |
| Brine line connection (1600) | Threaded 1/8" |
| Distributor tube O. D. diameter | 1,05" (=27 mm) |
| Operating pressure | 1,4 ÷ 8,5 bar |
| Water Temperature | 1 ÷ 40 °C |
| Protection class | IP22 |
| Height (from top of tank) | 228 mm |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------------|--------------|----------|
| DM174-2004, CE, EAC | Pentair | Domestic |



Fleck Residential Valves Series 5800

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|---|------|-------------|----------------|--|
| FVA13398-10 | 1" BSP F BRASS YOKE FOR 5800, 9000 AND 9100 VALVES | 23 | 590 | | |
| FVA18706-10 | 1" BSP M PLASTIC YOKE FOR 5800, 9000 AND 9100 VALVES | 23 | 590 | | |
| FVA24689 | 3/4" BSP M BRASS YOKE FOR 5800, 9000 AND 9100 VALVES | 23 | 590 | | |
| FVA18706-12 | 3/4" BSP M PLASTIC YOKE FOR 5800, 9000 AND 9100 VALVES | 23 | 590 | | |
| FVAP80 | P80 EMULSION TEMPORARY RUBBER ASSEMBLY LUBRICANT 10 ML TUBE | 23 | 590 | • | |



Fleck Commercial Valves Series 5810



- Made in USA
- The 5810 control valve is suitable for commercial filter/softening applications.
- The valve body in fiber-reinforced material is UV rays resistant and no subject to corrosion.
- Developed on the same platform as the 5800, the 5810 (1" valve body) valve offers flexibility with a familiar appearance, while reducing carrying costs and product knowledge. The new 5810 valve uses the same electronic as the 5800. The SXT or touchscreen XTR controllers can be interchanged without any special tool thanks to the same plug-and-play connectors. As the 5810 valve allows multiple options, there is no need to stock a variety of control valves for filter or softener applications. Every single 5810 is engineered to adapt easily to a wide variety of water system configurations. Down/Up Flow regeneration, according to the models.
- Valve body in Noryl plastic material = polyphenylene oxide (PPO).
- D. M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption.
- Operating Flow Rate = 8.2 m³ / h (36 gpm)
- Backwash Flow rate = 6.3 m³ / h (28 gpm)
- Regeneration:
 - Chronometric: 7 or 12 days
 - Volumetric: delayed or immediate
 - Electronics
- In 24 V with international adapter 230 VAC - 12 VDC 50/60 Hz.
- NOTE:** Upper diffuser to order separately. The DLFC must be ordered separately. **OPZIONI:** Electronic SXT - XTR

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------------|---|------|--------------|----------------|--|
| FV5810SC-001 | FLECK VALV. 5810 SXT FILTER 158 GPM - 32 MM DISTRIB. ADAPTER | 23 | 512 | | |
| FV5810SC-002 | FLECK VALV. 5810/1610 sxt #1 inj blfc 0.50 gpm - 1,05" DISTRIB. ADAPTER | 23 | 512 | | |
| FV5810SR-001 | FLECK VALV. 5810/1610 sxt #1 inj blfc 0.50 gpm - 1,05" DISTRIB. ADAPTER | 23 | 512 | | |
| FV5810SR-002 | FLECK VALV. 5810/1610 SXT 1.25" INTEGRAL TURB. #4 INJ BLFC 0.50 GPM 32 | 23 | 512 | | |
| FV5810XC-001 | FLECK VALV. 5810/1610 XTR #1 INJ BLFC 0.50 GPM 1.05" DISTRIB. ADAPTER | 23 | 512 | | |
| FV5810XC-002 | FLECK VALV. 5810/1610 XTR #4 INJ BLFC 0.50 GPM 32 MM DISTRIB. ADAPTER | 23 | 512 | | |
| FV5810XR-001 | FLECK VALV. 5810/1610 XTR 1.25" INTEGRAL TURB. #1 INJ BLFC 0.50 GPM | 23 | 512 | | |
| FV5810XR-002 | FLECK VALV. 5810/1610 XTR 1.25" INTEGRAL TURB. #4 INJ BLFC 0.50 GPM | 23 | 512 | | |
| FV5810XR-003 | FLECK VALV. 5810/1610 XTR 1.25" INTEGRAL TURB. UF #0 INJ BLFC 0.50 GPM | 23 | 512 | | |

| Characteristics | |
|---------------------------------|--|
| Tank size (recommended): | Softening System = 8" ÷ 21" Filter = 8" ÷ 21" |
| In/Out Connections | Threaded 1", 1,25" or 1,5" BSP to order separately |
| Pressure vessel connection | Threaded 2,5" - 8 UN male |
| Drain line connection | Threaded ¾" or 1" NPT |
| Brine line connection (1600) | Threaded ½" |
| Distributor tube O. D. diameter | 1,05" (=27 mm) or 32 mm |
| Operating pressure | 1,4 ÷ 8,5 bar |
| Water Temperature | 1 ÷ 40 °C |
| Protection class | IP22 |
| Height (from top of tank) | 287 mm |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------|--------------|------------|
| DM174-2004 CE, EAC | Pentair | Commercial |



Fleck Commercial Valves Series 5810

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|--|------|----------|-------------|--|
| FVA28764 | TOP DISTRIBUTOR 32 MM FOR 5810 VALVE | 23 | 590 | | |
| FVA28511-01 | TOP DISTRIBUTOR 1,05" FOR 5810 FILTER VALVE | 23 | 590 | | |
| FVA28511 | TOP DISTRIBUTOR 1,05" FOR 5810 SOFTENING VALVE | 23 | 590 | | |
| FVA61991-02 | CONNECTOR ASSY 1" BSP FOR 5810 VALVE | 23 | 590 | | |
| FVA61991-04 | CONNECTOR ASSY 1 1/4" BSP FOR 5810 VALVE | 23 | 590 | | |
| FVA61991-09 | CONNECTOR ASSY 1 1/2" BSP FOR 5810 VALVE | 23 | 590 | | |
| FVA28386-ALL | DLFC KIT 1" BSP 10 TO 25 GPM FOR VALVE 5810 | 23 | 590 | | |
| FVA28385-1.2 | DLFC 3/4" BSP ELBOW 1.2 GPM FOR VALVE 5810 | 23 | 590 | | |
| FVA28385-1.5 | DLFC 3/4" BSP ELBOW 1.5 GPM FOR VALVE 5810 | 23 | 590 | | |
| FVA28385-2 | DLFC 3/4" BSP ELBOW 2 GPM FOR VALVE 5810 | 23 | 590 | | |
| FVA28385-2.4 | DLFC 3/4" BSP ELBOW 2.4 GPM FOR VALVE 5810 | 23 | 590 | | |
| FVA28385-3 | DLFC 3/4" BSP ELBOW 3 GPM FOR VALVE 5810 | 23 | 590 | | |
| FVA28385-3.5 | DLFC 3/4" BSP ELBOW 3.5 GPM FOR VALVE 5810 | 23 | 590 | | |
| FVA28385-4 | DLFC 3/4" BSP ELBOW 4 GPM FOR VALVE 5810 | 23 | 590 | | |
| FVA28385-5 | DLFC 3/4" BSP ELBOW 5 GPM FOR VALVE 5810 | 23 | 590 | | |
| FVA28385-7 | DLFC 3/4" BSP ELBOW 7 GPM FOR VALVE 5810 | 23 | 590 | | |



Fleck Commercial Valves Series Twin 9000



- Made in European Union (Italy)
- The 9000 is a brass valve with a fully adjustable 5-cycle control for efficient and reliable water treatment for commercial softening applications, suitable for alternating duplex systems.
- It regenerates immediately when needed for continuous soft water, keeping system clean for optimum operating efficiency and minimum maintenance.
- Valve body in brass, which permit to adapt the hot water option up to 65°C.
- Down Flow regeneration
- Operating Flow Rate = 4 m³/h (17 gpm)
- Backwash Flow Rate = 1.9 m³/h (8 gpm)
- Regeneration:
 - Volumetric: delayed or immediate
 - Electronics
- Complete with European Transformer 230-24 V / 50/60 Hz 60 VA and 1.05" twist lock upper screen.
- NOTE: Accessories for the connection of the second tank are not included, to order separately. Upper diffusers included, for both pressure tanks.
- OPTIONS: Electronic SXT - ET; Hot water 65 ° C

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|---|------|-------------|----------------|--|
| FV900SI-600 | FLECK VALV. 9000/1600 SXT 374" METER 0-1,2-0,25 | 23 | 515 | | |
| FV900SI-601 | FLECK VALV. 9000/1600 SXT 3/4" METER 1-1,5-0,25 | 23 | 515 | | |
| FV900SI-602 | FLECK VALV. 9000/1600 SXT 3/4" METER 1-2,4-0,5 | 23 | 515 | | |
| FV900SI-603 | FLECK VALV. 9000/1600 SXT 3/4" METER 1-2,4-0,5 WITH MS ENG PLUG | 23 | 515 | | |
| FV900SI-604 | FLECK VALV. 9000/1600 SXT 1" METER 2-2,4-0,5 | 23 | 515 | | |
| FV900SI-605 | FLECK VALV. 9000/1600 SXT 3/4" METER 2-3,5-1 | 23 | 515 | | |
| FV900SI-606 | FLECK VALV. 9000/1600 SXT 3/4" METER 2-4-1 | 23 | 515 | | |
| FV900SI-607 | FLECK VALV. 9000/1600 SXT 3/4" METER 3-5-1 | 23 | 515 | | |
| FV900SI-608 | FLECK VALV. 9000/1600 SXT 3/4" METER 3-7-1 | 23 | 515 | | |
| FV900MI-600 | FLECK VALV. 9000/1600 3/4" METER 8 M3 1-1,5-0,25 | 23 | 515 | | |
| FV900MI-601 | FLECK VALV. 9000/1600 3/4" METER 8 M3 1-2,4-0,5 | 23 | 515 | | |
| FV900MI-602 | FLECK VALV. 9000/1600 3/4" METER 40 M3 1-2,4-0,5 | 23 | 515 | | |
| FV900MI-603 | FLECK VALV. 9000/1600 3/4" METER 40 M3 2-3,5-1 | 23 | 515 | | |
| FV900MI-604 | FLECK VALV. 9000/1600 3/4" METER 40 M3 2-4-1 | 23 | 515 | | |
| FV900MI-605 | FLECK VALV. 9000/1600 3/4" METER 40 M3 3-5-1 | 23 | 515 | | |
| FV900MI-606 | FLECK VALV. 9000/1600 1" METER 100 M3 3-5-1 | 23 | 515 | | |
| FV900MI-607 | FLECK VALV. 9000/1600 3/4" METER 40 M3 3-7-1 | 23 | 515 | | |
| FV900MI-608 | FLECK VALV. 9000/1600 1" METER 100 M3 3-7-1 | 23 | 515 | | |
| FV900MI-609 | FLECK VALV. 9000/1600 1" METER 100 M3 3-7-1 | 23 | 515 | | |



Fleck Commercial Valves Series Twin 9000

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|--|------|----------|-------------|--|
| FVA18122 | 9000 KIT FLEXIBLE 2ND TANK ADAPTER - 200 MM | 23 | 590 | | |
| FVA18123 | 9000 KIT FLEXIBLE 2ND TANK ADAPTER - 400 MM | 23 | 590 | | |
| FVA18124 | 9000 KIT FLEXIBLE 2ND TANK ADAPTER - 500 MM | 23 | 590 | | |
| FVA13398-10 | 1" BSP F BRASS YOKE FOR 5800, 9000 AND 9100 VALVES | 23 | 590 | | |
| FVA18706-10 | 1" BSP M PLASTIC YOKE FOR 5800, 9000 AND 9100 VALVES | 23 | 590 | | |
| FVA24689 | 3/4" BSP M BRASS YOKE FOR 5800, 9000 AND 9100 VALVES | 23 | 590 | | |
| FVA18706-12 | 3/4" BSP M PLASTIC YOKE FOR 5800, 9000 AND 9100 VALVES | 23 | 590 | | |

| Characteristics | |
|----------------------------------|---|
| Tank size (recommended): | Softening System = 6" ÷ 16" |
| Connections di Ingresso / Uscita | Threaded 3/4" or 1" BSP to be ordered separately in quantities depending on the installation. |
| Pressure vessel connection | Threaded 2,5" - 8 UN male |
| Drain line connection | Threaded 1/2" or 1" NPT |
| Brine line connection (1600) | Threaded 3/8" |
| Distributor tube O. D. diameter | 1,05" (=27 mm) |
| Operating pressure | 1,8 ÷ 8,5 bar |
| Water Temperature | 1 ÷ 40 °C |
| Protection class | IP22 |
| Height (from top of tank) | 165 mm |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------|--------------|------------|
| DM174-2004 CE, EAC | Pentair | Commercial |



Fleck Commercial Valves Series Twin 9100



- Made in European Union (Italy)
- The 9100 is a valve in Noryl plastic material, non-corrosive and UV-resistant, for an efficient water treatment and suitable for commercial softening applications, designed for alternating duplex systems.
- It regenerates immediately when needed for continuous soft water, keeping system clean for optimum operating efficiency and minimum maintenance.
- Valve body in Noryl plastic material = polyphenylene oxide (PPO). **Down Flow regeneration**.
- Operating Flow Rate** = 4 m³/h (17 gpm) **Backwash Flow Rate** = 1.9 m³/h (8 gpm)
- Regeneration: - Volumetric: delayed or immediate - Electronics
- Complete with: European Transformer 230-24 V / 50/60 Hz 60 VA -1.05" twist lock upper screen -quick connections for the second tank and PVC connection pipes.
- NOTE:** Accessories for the connection of the second tank are not included, to order separately. Upper diffusers included, for both pressure tanks. **OPTIONS:** Electronic SXT - ET

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|--|------|----------|-------------|--|
| FV910SI-600 | FLECK VAL. 9100/1600 SXT MIXING 3/4" METER 0-1,2-0,25 | 23 | 520 | | |
| FV910SI-601 | FLECK VALV. 9100/1600 SXT 3/4" METER 1-2,4-0,5 | 23 | 520 | | |
| FV910SI-602 | FLECK VALV. 9100/1600 SXT 3/4" METER MSWIRED 1-2,4-0,5 | 23 | 520 | | |
| FV910SI-603 | FLECK VALV. 9100/1600 SXT 3/4" METER MS 1-2,4-0,5 | 23 | 520 | | |
| FV910SI-604 | FLECK VALV. 9100/1600 SXT 3/4" MS 1-2,4-0,5 ENG. PLUG | 23 | 520 | | |
| FV910SI-605 | FLECK VALV. 9100/1600 SXT MIXING 3/4" METER 1-2,4-0,5 | 23 | 520 | | |
| FV910SI-606 | FLECK VALV. 9100/1600 SXT 3/4" METER 2-3,5-1 | 23 | 520 | | |
| FV910SI-607 | FLECK VALV. 9100/1600 SXT 1" METER 3-5-1 | 23 | 520 | | |
| FV910SI-608 | FLECK VALV. 9100/1600 SXT 3/4" METER 3-5-1 | 23 | 520 | | |
| FV910MI-600 | FLECK VALV. 9100/1600 3/4" METER 8 M3 1-1,2-0,25 | 23 | 520 | | |
| FV910MI-601 | FLECK VALV. 9100/1600 3/4" METER 8 M3 1-1,5-0,5 | 23 | 520 | | |
| FV910MI-602 | FLECK VALV. 9100/1600 3/4" METER 40 M3 1-2,4-0,5 | 23 | 520 | | |
| FV910MI-603 | FLECK VALV. 9100/1600 3/4" METER 40 M3 2-3,5-1 | 23 | 520 | | |
| FV910MI-604 | FLECK VALV. 9100/1600 1" METER 100 M3 3-5-1 | 23 | 520 | | |
| FV910MI-605 | FLECK VALV. 9100/1600 3/4" METER 40 M3 3-7-1 | 23 | 520 | | |

| Characteristics | |
|---------------------------------|---|
| Tank size (recommended): | Softening System = 6" ÷ 16" |
| In/Out Connections | Threaded 3/4" or 1" BSP to be ordered separately in quantities depending on the installation. |
| Pressure vessel connection | Threaded 2,5" - 8 UN male |
| Drain line connection | Threaded 1/2" or 1" NPT or BSP |
| Brine line connection (1600) | Threaded 3/8" |
| Distributor tube O. D. diameter | 1,05" (=27 mm) |
| Operating pressure | 1,8 ÷ 8,5 bar |
| Water Temperature | 1 ÷ 40 °C |
| Protection class | IP22 |
| Height (from top of tank) | 185 mm |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------|--------------|------------|
| DM174-2004 CE, EAC | Pentair | Commercial |



Fleck Commercial Valves Series Twin 9100

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|--|------|-------------|----------------|--|
| FVA28243-07 | 9100 PVC CONNECTING TUBES 2ND TANK ADAPTER - 7" | 23 | 590 | | |
| FVA28243-09 | 9100 PVC CONNECTING TUBES 2ND TANK ADAPTER - 9" | 23 | 590 | | |
| FVA28243-12 | 9100 PVC CONNECTING TUBES 2ND TANK ADAPTER - 12" | 23 | 590 | | |
| FVA28243-16 | 9100 PVC CONNECTING TUBES 2ND TANK ADAPTER - 16" | 23 | 590 | | |
| FVA13398-10 | 1" BSP F BRASS YOKE FOR 5800, 9000 AND 9100 VALVES | 23 | 590 | | |
| FVA18706-10 | 1" BSP M PLASTIC YOKE FOR 5800, 9000 AND 9100 VALVES | 23 | 590 | | |
| FVA24689 | 3/4" BSP M BRASS YOKE FOR 5800, 9000 AND 9100 VALVES | 23 | 590 | | |
| FVA18706-12 | 3/4" BSP M PLASTIC YOKE FOR 5800, 9000 AND 9100 VALVES | 23 | 590 | | |



Fleck Commercial Valves Series Twin 9500



- Made in European Union (Italy)
- The 9500 is a brass valve, non-corrosive and UV-resistant, with fully adjustable 5-cycle control for an efficient water treatment and suitable for commercial softening applications, designed for alternating duplex systems.
- It regenerates immediately when needed for continuous soft water, keeping system clean for optimum operating efficiency and minimum maintenance.
- Valve body in brass, which permit to adapt the hot water option up to 65°C.
- Down Flow regeneration.
- Operating Flow Rate = 8.4 m³/h (37 gpm)
- Backwash Flow Rate = 3.3 m³/h (14 gpm)
- **Regeneration:** - Volumetric: delayed or immediate - Electronics
- Complete with European Transformer 230-24 V / 50/60 Hz 60 VA
- **NOTE:** Accessories for the connection of the second tank are not included, to order separately. Upper diffusers included, for both pressure tanks
- **OPTIONS:** Electronic SXT - ET; Hot water 65 ° C

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|---|------|----------|-------------|--|
| FV950SI-600 | FLECK VALV. 9500/1650 SXT 1.5" METER 3-5-1 | 23 | 525 | | |
| FV950SI-601 | FLECK VALV. 9500/1650 SXT 1.5" INLINE METER 3-5-1 | 23 | 525 | | |
| FV950SI-602 | FLECK VALV. 9500/1650 SXT 1.5" METER MS 3-5-1 ENG. PLUG | 23 | 525 | | |
| FV950SI-603 | FLECK VALV. 9500/1710 SXT 1.5" METER 3C-7-1,2 | 23 | 525 | | |
| FV950SI-604 | FLECK VALV. 9500/1710 SXT 1.5" METER 4C-10-2 | 23 | 525 | | |
| FV950SI-605 | FLECK VAVL. 9500/1710 SXT 1.5" METER 4C-15-2 | 23 | 525 | | |
| FV950SI-606 | FLECK VAVL. 9500/1710 SXT 1.5" INLINE METER 4C-15-2 | 23 | 525 | | |
| FV950SI-607 | FLECK VAVL. 9500/1710 SXT 1.5" METER MS 4C-15-2 ENG. PLUG | 23 | 525 | | |
| FV950EI-600 | FLECK VALV. 9500/1650 ET 1.5" METER 3-5-1 | 23 | 525 | | |
| FV950EI-601 | FLECK VALV. 9500/1710 ET 1.5" METER 4C-15-2 | 23 | 525 | | |
| FV950MI-600 | FLECK VALV. 9500/1650 1.5" METER 40 M3 3-5-1 | 23 | 525 | | |
| FV950MI-602 | FLECK VALV. 9500/1710 1.5" METER 200 M3 4C-10-2 | 23 | 525 | | |
| FV950MI-603 | FLECK VALV. 9500/1710 1.5" METER 200 M3 MSWIRED 4C-10-2 | 23 | 525 | | |
| FV950MI-604 | FLECK VALV. 9500/1710 1.5" METER 40 M3 4C-10-2 | 23 | 525 | | |
| FV950MI-606 | FLECK VALV. 9500/1710 1.5" METER 40 M3 4C-15-2 | 23 | 525 | | |

Accessories

| Ref | Description | Fam. | Sotto Fam | Disp. Stock | |
|-------------|--|------|-----------|-------------|--|
| FVA28137-16 | 9500 KIT COPPER TUBES 2ND TANK ADAPTER - 16" | 23 | 590 | | |
| FVA28137-20 | 9500 KIT COPPER TUBES 2ND TANK ADAPTER - 20" | 23 | 590 | | |
| FVA28137-24 | 9500 KIT COPPER TUBES 2ND TANK ADAPTER - 24" | 23 | 590 | | |



Fleck Commercial Valves Series Twin 9500

| Characteristics | |
|---------------------------------|------------------------------|
| Tank size (recommended): | Softening System = 10" ÷ 24" |
| In/Out Connections | Threaded 1,5" BSP |
| Pressure vessel connection | Threaded 4" - 8 UN male |
| Drain line connection | Threaded ½" NPT or BSP |
| Brine line connection (1650) | Threaded ¾" |
| Brine line connection (1710) | Threaded 1" |
| Distributor tube O. D. diameter | 50 mm |
| Operating pressure | 1,8 ÷ 8,5 bar |
| Water Temperature | 1 ÷ 40 °C |
| Protection class | IP22 |
| Height (from top of tank) | 185 mm |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------|--------------|------------|
| DM174-2004 CE, EAC | Pentair | Commercial |

Accessories

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------------|--|------|--------------|----------------|--|
| FVA28137-16 | 9500 KIT COPPER TUBES 2ND TANK ADAPTER - 16" | 23 | 590 | | |
| FVA28137-20 | 9500 KIT COPPER TUBES 2ND TANK ADAPTER - 20" | 23 | 590 | | |
| FVA28137-24 | 9500 KIT COPPER TUBES 2ND TANK ADAPTER - 24" | 23 | 590 | | |



Fleck Industrial Valves Series 2750



- Made in European Union (Italy)
- The 2750 control valve is suitable for small commercial and industrial filter or softening applications, designed for systems with one or more columns.
- It is a single piston valve, with a protective cover water, corrosion and UV rays resistant.
- Valve body in brass.
- Down Flow regeneration
- Operating Flow Rate = 5.9 m³/h (26 gpm)
- Backwash Flow Rate = 5.6 m³/h (25 gpm)
- Regeneration: Manual - Chronometric: 7 or 12 days
 - Volumetric: delayed or immediate -Electronics
- Complete with European Transformer 230-24 V / 50/60 Hz 60 VA and 1.05" twist lock upper screen.
- NOTE: For electronic models, the meter is not included, to order separately. For the filter valves, the DLFC is not included, to order separately.
- For NXT multi valve systems, please order (quantity = n-1 valves) the cable kit NXT (ref.FVABU41692) separately;
- OPTIONS: NBP piston - Manual filter - SXT - NXT electronics - Mechanical controllers for simplex and duplex - Hot water - mechanical only 65 ° C volumetric or 82 ° C chronometric

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|---|------|----------|-------------|--|
| FV275XC-600 | FLECK VALV. 2750/1710 NO TIMER MSWIRED 4C-10-2 | 23 | 530 | | |
| FV275XC-601 | FLECK VALV. 2750/1650 NO TIMER MSWIRED 3-5-1 | 23 | 530 | | |
| FV275XC-602 | FLECK VALV. 2750/1600 NO TIMER HW MSWIRED 3-5-1 | 23 | 530 | | |
| FV275SC-600 | FLECK VALV. 2750 FILTER SXT | 23 | 530 | | |
| FV275SC-601 | FLECK VALV. 2750 FILTER SXT NBP | 23 | 530 | | |
| FV275SC-602 | FLECK VALV. 2750 FILTER SXT NBP HW | 23 | 530 | | |
| FV275SC-603 | FLECK VALV. 2750/1650 SXT 3-5-1 | 23 | 530 | | |
| FV275NC-600 | FLECK VALV. 2750 FILTER NXT NBP | 23 | 530 | | |
| FV275NC-601 | FLECK VALV. 2750 FILTER NXT | 23 | 530 | | |
| FV275NC-602 | FLECK VALV. 2750/1650 NXT 3-5-1 | 23 | 530 | | |
| FV275NC-603 | FLECK VALV. 2750/1650 NXT NBP 3-5-1 | 23 | 530 | | |
| FV275NC-604 | FLECK VALV. 2750/1710 NXT NBP 4C-10-2 | 23 | 530 | | |
| FV275NC-605 | FLECK VALV. 2750/1600 NXT HW MSWIRED 3-5-1 | 23 | 530 | | |
| FV275NC-606 | FLECK VALV. 2750/1600 NXT HW MSWIRED NBP 3-5-1 | 23 | 530 | | |

| Characteristics | |
|---------------------------------|---|
| Tank size (recommended): | Softening System = 10" ÷ 24" Filter = 10" ÷ 21" |
| In/Out Connections | Threaded 1" BSP F |
| Pressure vessel connection | Threaded 2,5" – 8 UN male |
| Drain line connection | Threaded ¾" NPT or BSP |
| Brine line connection (1600) | Threaded ¼" |
| Brine line connection (1710) | Threaded ½" |
| Distributor tube O. D. diameter | 1,05" (=27 mm) |
| Operating pressure | 1,8 ÷ 8,5 bar |
| Water Temperature | 1 ÷ 40 °C |
| Protection class | IP22 |
| Height (from top of tank) | 165 mm |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------|--------------|------------------------|
| DM174-2004 CE, EAC | Pentair | Commercial, Industrial |



Fleck Industrial Valves Series 2750

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|---|------|----------|-------------|--|
| FV275XM-600 | FLECK VALV. 2750 FILTER MANUAL | 23 | 530 | | |
| FV275XM-601 | FLECK VALV. 2750 FILTER MANUAL NBP | 23 | 530 | | |
| FV275MC-600 | FLECK VALV. 2750 FILTER 12 DAYS | 23 | 530 | | |
| FV275MC-601 | FLECK VALV. 2750 FILTER 12 DAYS NBP | 23 | 530 | | |
| FV275MC-602 | FLECK VALV. 2750/1650 12 DAYS 3-5-1 | 23 | 530 | | |
| FV275XM-600 | FLECK VALV. 2750 FILTER MANUAL | 23 | 530 | | |
| FV275XM-601 | FLECK VALV. 2750 FILTER MANUAL NBP | 23 | 530 | | |
| FV275MC-600 | FLECK VALV. 2750 FILTER 12 DAYS | 23 | 530 | | |
| FV275MC-601 | FLECK VALV. 2750 FILTER 12 DAYS NBP | 23 | 530 | | |
| FV275MC-602 | FLECK VALV. 2750/1650 12 DAYS 3-5-1 | 23 | 530 | | |
| FV275MC-603 | FLECK VALV. 2750/1710 12 DAYS 4C-10-2 | 23 | 530 | | |
| FV275MR-600 | FLECK VALV. 2750/1650 1" METER (100 M3) 3-5-1 | 23 | 530 | | |
| FV275MP-600 | FLECK VALV. 2750/1650 PULSE 3-5-1 | 23 | 530 | | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------|--------------|------------------------|
| DM174-2004 CE, EAC | Pentair | Commercial, Industrial |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|---|------|----------|-------------|--|
| FVA24202-10 | DLFC 3/4" NPT - 3/4" BSP 2750 - 10 GPM | 23 | 590 | | |
| FVA24202-12 | DLFC 3/4" NPT - 3/4" BSP 2750 - 12 GPM | 23 | 590 | | |
| FVA24202-15 | DLFC 3/4" NPT - 3/4" BSP 2750 - 15 GPM | 23 | 590 | | |
| FVA24202-20 | DLFC 3/4" NPT - 3/4" BSP 2750 - 20 GPM | 23 | 590 | | |
| FVA24202-25 | DLFC 3/4" NPT - 3/4" BSP 2750 - 25 GPM | 23 | 590 | | |
| FVA24202-9 | DLFC 3/4" NPT - 3/4" BSP 2750 - 9 GPM | 23 | 590 | | |
| FVA24212-1.2 | DLFC 3/4" NPT - 1/2" NPT 2750 - 1,2 GPM | 23 | 590 | | |
| FVA24212-1.5 | DLFC 3/4" NPT - 1/2" NPT 2750 - 1,5 GPM | 23 | 590 | | |
| FVA24212-2 | DLFC 3/4" NPT - 1/2" NPT 2750 - 2 GPM | 23 | 590 | | |
| FVA24212-2.4 | DLFC 3/4" NPT - 1/2" NPT 2750 - 2,4 GPM | 23 | 590 | | |
| FVA24212-3 | DLFC 3/4" NPT - 1/2" NPT 2750 - 3 GPM | 23 | 590 | | |
| FVA24212-3.5 | DLFC 3/4" NPT - 1/2" NPT 2750 - 3,5 GPM | 23 | 590 | | |
| FVA24212-4 | DLFC 3/4" NPT - 1/2" NPT 2750 - 4 GPM | 23 | 590 | | |
| FVA24212-5 | DLFC 3/4" NPT - 1/2" NPT 2750 - 5 GPM | 23 | 590 | | |
| FVA24212-7 | DLFC 3/4" NPT - 1/2" NPT 2750 - 7 GPM | 23 | 590 | | |
| FVA29096 | KIT METER SS ASSY 1" NT/NXT | 23 | 590 | | |
| FVABU41692 | CABLE KIT NXT | 23 | 590 | | |



Fleck Industrial Valves Series 2850



- Made in European Union (Italy)
- The 2850 control valve is suitable for small commercial and industrial filtration or softening applications, designed for systems with one or more columns.
- Valve body in brass.
- It is a single piston valve, with a cover non-corrosive, water and UV resistant.
- Down Flow regeneration
- Operating Flow Rate = 11.6 m³/h (51 gpm)
- Backwash Flow Rate = 11.1 m³/h (48 gpm)
- Regeneration: -Manual - Chronometric: 7 or 12 days - Volumetric: delayed or immediate - Electronics
- Complete with European Transformer 230-24 V / 50/60 Hz 60 VA and 2 "- Kit 8 upper screen.
- NOTE:For electronic models, the meter is not included, to order separately. For the filter valves, the DLFC is not included, to order separately.
- For NXT multi valve systems, please order (quantity = n-1 valves) the cable kit NXT (ref.FVABU41692) separately;
- OPTIONS: NBP piston - Manual filter - Electronic SXT - NXT - Mechanical timers for simplex and duplex - Hot water - mechanical only 65° C volumetric or 82° C chronometric.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|---|------|----------|-------------|--|
| FV285MC-600 | FLECK VALV. 2850 FILTER 12 DAYS | 23 | 535 | | |
| FV285MC-601 | FLECK VALV. 2850 FILTER 12 DAYS NBP | 23 | 535 | | |
| FV285MC-602 | FLECK VALV. 2850/1650 12 DAYS 3-5-1 | 23 | 535 | | |
| FV285MC-603 | FLECK VALV. 2850/1710 12 DAYS 3C-7-1,2 | 23 | 535 | | |
| FV285MC-604 | FLECK VALV. 2850/1710 12 DAYS 4C-10-2 | 23 | 535 | | |
| FV285MC-605 | FLECK VALV. 2850/1710 12 DAYS 4C-10-2 NBP | 23 | 535 | | |
| FV285MC-606 | FLECK VALV. 2850/1710 12 DAYS 4C-15-2 | 23 | 535 | | |
| FV285MR-600 | FLECK VALV. 2850/1650 1.5" METER 40 M3 3-5-1 | 23 | 535 | | |
| FV285MR-601 | FLECK VALV. 2850/1710 1.5" METER 200 M3 4C-10-2 | 23 | 535 | | |
| FV285MR-602 | FLECK VALV. 2850/1710 1.5" METER 200 M3 4C-10-2 NBP | 23 | 535 | | |
| FV285XM-600 | FLECK VALV. 2850 FILTER MANUAL NBP | 23 | 535 | | |
| FV285XC-600 | FLECK VALV. 2850/1710 NOTIMER MSWIRED 4C-10-2 | 23 | 535 | | |
| FV285XC-601 | FLECK VALV. 2850/1710 NOTIMER MSWIRED 4C-10-2 NBP | 23 | 535 | | |
| FV285SC-600 | FLECK VALV. 2850 FILTER SXT | 23 | 535 | | |

| Characteristics | |
|---------------------------------|---|
| Tank size (recommended): | Softening System = 10" ÷ 30" Filter = 10" ÷ 24" |
| In/Out Connections | Threaded 1,5" BSP F |
| Pressure vessel connection | Threaded 4" - 8 UN male |
| Drain line connection | Threaded 1" NPT or BSP |
| Brine line connection (1650) | Threaded ¾" |
| Brine line connection (1710) | Threaded ½" |
| Distributor tube O. D. diameter | ¾ pollice NPT |
| Operating pressure | 50 mm |
| Water Temperature | 1 ÷ 40 °C |
| Protection class | IP22 |
| Height (from top of tank) | 165 mm |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | 1 | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------|--------------|------------------------|
| DM174-2004 CE, EAC | Pentair | Commercial, Industrial |



Fleck Industrial Valves Series 2850

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|---------------------------------------|------|----------|-------------|--|
| FV285SC-601 | FLECK VALV. 2850 FILTER SXT NBP | 23 | 535 | | |
| FV285SC-602 | FLECK VALV. 2850/1650 SXT 3-5-1 | 23 | 535 | | |
| FV285SC-603 | FLECK VALV. 2850/1650 SXT 3-5-1 NBP | 23 | 535 | | |
| FV285SC-604 | FLECK VALV. 2850/1710 SXT 3C-7-1,2 | 23 | 535 | | |
| FV285SC-605 | FLECK VALV. 2850/1710 SXT 4C-10-2 | 23 | 535 | | |
| FV285SC-606 | FLECK VALV. 2850/1710 SXT 4C-10-2 NBP | 23 | 535 | | |
| FV285SC-607 | FLECK VALV. 2850/1710 SXT 4C-15-2 | 23 | 535 | | |
| FV285SC-608 | FLECK VALV. 2850/1710 SXT 5C-25-4 NBP | 23 | 535 | | |
| FV285NC-600 | FLECK VALV. 2850 FILTER NXT | 23 | 535 | | |
| FV285NC-601 | FLECK VALV. 2850 FILTER NXT NBP | 23 | 535 | | |
| FV285NC-602 | FLECK VALV. 2850/1650 NXT NBP 3-5-1 | 23 | 535 | | |
| FV285NC-603 | FLECK VALV. 2850/1710 NXT NBP 4C-10-2 | 23 | 535 | | |
| FV285NC-604 | FLECK VALV. 2850/1710 NXT NBP 4C-15-2 | 23 | 535 | | |
| FV285NC-605 | FLECK VALV. 2850/1710 NXT NBP 5C-25-4 | 23 | 535 | | |
| FV285NC-606 | FLECK VALV. 2850/1650 NXT 3-5-1 | 23 | 535 | | |
| FV285NC-607 | FLECK VALV. 2850/1710 NXT 4C-10-2 | 23 | 535 | | |
| FV285NC-608 | FLECK VALV. 2850/1710 NXT 4C-15-2 | 23 | 535 | | |
| FV285NC-609 | FLECK VALV. 2850/1710 NXT 5C-25-4 | 23 | 535 | | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------|--------------|------------------------|
| DM174-2004 CE, EAC | Pentair | Commercial, Industrial |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------------|---|------|----------|-------------|--|
| FVA13640 | DOLE 30 GPM 2850/2910 | 23 | 590 | | |
| FVA25171-1.2 | DLFC 1" NPT - 3/4" BSP ASSY 1.2 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25171-1.5 | DLFC 1" NPT - 3/4" BSP ASSY 1.5 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25171-2 | DLFC 1" NPT - 3/4" BSP ASSY 2 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25171-2.4 | DLFC 1" NPT - 3/4" BSP ASSY 2.4 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25171-3 | DLFC 1" NPT - 3/4" BSP ASSY 3 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25171-4 | DLFC 1" NPT - 3/4" BSP ASSY 4 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25171-5 | DLFC 1" NPT - 3/4" BSP ASSY 5 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25171-7 | DLFC 1" NPT - 3/4" BSP ASSY 7 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25581-8 | DLFC 1" NPT - 3/4" BSP ASSY 8 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25581-9 | DLFC 1" NPT - 3/4" BSP ASSY 9 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25581-ALL | KIT DLFC 1" 2850/2910/9500 10 TO 25 GPM | 23 | 590 | | |
| FVA29097 | KIT METER SS ASSY 1,5" NT/NXT | 23 | 590 | | |
| FVA29098 | KIT METER SS ASSY 2" NT/NXT | 23 | 590 | | |
| FVA29111-3045 | KIT DLFC 2" BSP W/REDUCER 2" TO 1" 30 TO 45 GPM 2850 FILTER | 23 | 590 | | |
| FVABU41692 | CABLE KIT NXT | 23 | 590 | | |



Fleck Industrial Valves Series 2910



- Made in European Union (Italy).
- The 2910 control valve is suitable for industrial and multivalve systems, for filtration or softening applications.
- Valve body in brass.
- It is a valve characterized by superior strength with improved 2 piston-system technology to drive independent flows of service and regeneration, with a cover non-corrosive, water and UV resistant.
- Down/Up Flow regeneration, according to the models.
- Operating Flow Rate = 24 m³/h (105 gpm)
- Backwash Flow Rate = 8 m³/h (35 gpm)
- Regeneration: - Chronometric: 7 or 12 days - Volumetric: delayed or immediate - Electronics
- Complete with European Transformer 230-24 V / 50/60 Hz 60 VA and 2 "- Kit 8 upper screen.
- NOTE: For electronic models, the meter is not included, to order separately. For the filter valves, the DLFC is not included, to order separately.
- For NXT multi valve systems, please order (quantity = n-1 valves) the cable kit NXT (ref.FVABU41692) separately;
- OPTIONS: NBP piston - Filter; Electronic SXT - NXT - Mechanical controllers for simplex and duplex - Hot water - mechanical only 65° C volumetric or 82° C chronometric.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|--|------|----------|-------------|--|
| FV291MD-605 | FLECK VAL. 2910/1710 DUPLEX B #7 NBP 4C-15-2 | 23 | 540 | | |
| FV291MD-606 | FLECK VAL. 2910/1710 DUPLEX A #7 NBP 5C-25-4 | 23 | 540 | | |
| FV291MD-607 | FLECK VAL. 2910/1710 DUPLEX B #7 NBP 5C-25-4 | 23 | 540 | | |
| FV291MD-608 | FLECK VAL. 2910/1710 DUPLEX A #7 NBP 6C-30-4 | 23 | 540 | | |
| FV291MD-609 | FLECK VAL. 2910/1710 DUPLEX B #7 NBP 6C-30-4 | 23 | 540 | | |
| FV291MC-601 | FLECK VALV. 2910/1650 12 DAYS DF 3-5-1 | 23 | 540 | | |
| FV291MC-602 | FLECK VALV. 2910/1710 12 DAYS DF 3C-7-1,2 | 23 | 540 | | |
| FV291MC-603 | FLECK VALV. 2910/1710 12 DAYS DF 3C-10-2 | 23 | 540 | | |
| FV291MC-604 | FLECK VALV. 2910/1710 12 DAYS DF 4C-15-2 | 23 | 540 | | |
| FV291MC-605 | FLECK VALV. 2910/1710 12 DAYS DF 6C-25-4 | 23 | 540 | | |
| FV291MC-606 | FLECK VALV. 2910/1710 12 DAYS DF 4C-15-2 NBP | 23 | 540 | | |
| FV291MR-600 | FLECK VALV. 2910/1650 2" METER 75 M3 3-5-1 | 23 | 540 | | |
| FV291MR-601 | FLECK VALV. 2910/1710 2" METER 375 M3 3C-7-1,2 | 23 | 540 | | |
| FV291MR-602 | FLECK VALV. 2910/1710 2" METER 75 M3 3C-7-1,2 | 23 | 540 | | |
| FV291SC-600 | FLECK VALV. 2910/1650 SXT 3-5-1 | 23 | 540 | | |
| FV291SC-601 | FLECK VALV. 2910/1710 SXT 3C-7-1,2 | 23 | 540 | | |
| FV291SC-602 | FLECK VALV. 2910/1710 SXT 4C-10-2 | 23 | 540 | | |
| FV291SC-603 | FLECK VALV. 2910/1710 SXT 4C-15-2 | 23 | 540 | | |
| FV291SC-604 | FLECK VALV. 2910/1710 SXT 5C-25-4 | 23 | 540 | | |
| FV291NC-600 | FLECK VALV. 2910/1650 NXT 3-7-1 NBP | 23 | 540 | | |

| Characteristics | |
|---------------------------------|---|
| Tank size (recommended): | Softening System = 14" ÷ 36" Filter = 14" ÷ 24" |
| In/Out Connections | Threaded 2" BSP F |
| Pressure vessel connection | Threaded 4" - 8 UN male |
| Drain line connection | Threaded 1" NPT or BSP |
| Brine line connection (1650) | Threaded $\frac{3}{8}$ " |
| Brine line connection (1710) | Threaded $\frac{1}{2}$ " |
| Distributor tube O. D. diameter | 50 mm |
| Operating pressure | 1,8 ÷ 8,5 bar |
| Water Temperature | 1 ÷ 40 °C |
| Protection class | IP22 |
| Height (from top of tank) | 305 mm |



| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------------|--|------|--------------|----------------|--|
| FV291NC-601 | FLECK VALV. 2910/1710 NXT 3C-10-2 NBP | 23 | 540 | | |
| FV291NC-602 | FLECK VALV. 2910/1710 NXT 4C-10-2 NBP | 23 | 540 | | |
| FV291NC-603 | FLECK VALV. 2910/1710 NXT 4C-15-2 NBP | 23 | 540 | | |
| FV291NC-604 | FLECK VALV. 2910/1710 NXT 6C-25-4 | 23 | 540 | | |
| FV291NC-605 | FLECK VALV. 2910/1710 NXT 6C-25-4 NBP | 23 | 540 | | |
| FV291NC-606 | FLECK VALV. 2910/1710 NXT 7C-30-7 NBP | 23 | 540 | | |
| FV291NC-607 | FLECK VALV. 2910/1710 NXT 4C-15-2 HW | 23 | 540 | | |
| FV291NC-608 | FLECK VALV. 2910/1710 NXT 4C-15-2 HW NBP | 23 | 540 | | |
| FV291NC-609 | FLECK VALV. 2910/1710 NXT UF 4C-15-2 | 23 | 540 | | |
| FV291NC-610 | FLECK VALV. 2910/1710 NXT UF 4C-15-2 NBP | 23 | 540 | | |
| FV291XC-600 | FLECK VALV. 2910/1650 NOTIMER 3-5-1 NBP | 23 | 540 | | |
| FV291XC-601 | FLECK VALV. 2910/1650 NOTIMER 3-7-1 NBP | 23 | 540 | | |
| FV291XC-602 | FLECK VALV. 2910/1710 NOTIMER 4C-10-2 NBP | 23 | 540 | | |
| FV291XC-603 | FLECK VALV. 2910/1710 NOTIMER 5C-15-2 NBP | 23 | 540 | | |
| FV291XC-604 | FLECK VALV. 2910/1710 NOTIMER 5C-25-4 NBP | 23 | 540 | | |
| FV291XC-605 | FLECK VALV. 2910/1710 NOTIMER 7C-30-7 NBP | 23 | 540 | | |
| FV291XC-606 | FLECK VALV. 2910/1710 NOTIMER NOPLUG 4C-15-2 NBP | 23 | 540 | | |
| FV291XC-607 | FLECK VALV. 2910/1710 NOTIMER NOPLUG 5C-25-2 NBP | 23 | 540 | | |
| FV291XP-600 | FLECK VALV. 2910/1700 NOTIMER NOPLUG 6C-25-4-HW | 23 | 540 | | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
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| Certificates | Manufacturer | Sectors |
|--------------------|--------------|------------|
| DM174-2004 CE, EAC | Pentair | Industrial |

Accessories

| Ref | Description | Fam. | Subfam. | Disp. Stock | |
|--------------|--|------|---------|-------------|--|
| FVA13640 | DOLE 30 GPM 2850/2910 | 23 | 590 | | |
| FVA25171-1.2 | DLFC 1" NPT - 3/4" BSP ASSY 1.2 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25171-1.5 | DLFC 1" NPT - 3/4" BSP ASSY 1.5 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25171-2 | DLFC 1" NPT - 3/4" BSP ASSY 2 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25171-2.4 | DLFC 1" NPT - 3/4" BSP ASSY 2.4 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25171-3 | DLFC 1" NPT - 3/4" BSP ASSY 3 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25171-4 | DLFC 1" NPT - 3/4" BSP ASSY 4 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25171-5 | DLFC 1" NPT - 3/4" BSP ASSY 5 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25171-7 | DLFC 1" NPT - 3/4" BSP ASSY 7 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25581-10 | DLFC 1" NPT - 3/4" BSP ASSY 10 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25581-12 | DLFC 1" NPT - 3/4" BSP ASSY 12 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25581-15 | DLFC 1" NPT - 3/4" BSP ASSY 15 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25581-20 | DLFC 1" NPT - 3/4" BSP ASSY 20 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25581-25 | DLFC 1" NPT - 3/4" BSP ASSY 25 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25581-8 | DLFC 1" NPT - 3/4" BSP ASSY 8 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25581-9 | DLFC 1" NPT - 3/4" BSP ASSY 9 GPM 2850/2910/9500 | 23 | 590 | | |
| FVA25581-ALL | KIT DLFC 1" 2850/2910/9500 10 TO 25 GPM | 23 | 590 | | |
| FVA29097 | KIT METER SS ASSY 1,5" NT/NXT | 23 | 590 | | |
| FVA29098 | KIT METER SS ASSY 2" NT/NXT | 23 | 590 | | |
| FVA28295 | KIT METER ELECTRONIC 2" PLASTIC 2910/3150 | 23 | 590 | | |
| FVABU41692 | CABLE KIT NXT | 23 | 590 | | |



Fleck Industrial Valves Series 3150



- Made in European Union (Italy)
- The 3150 is a fully adjustable 3- or 5-cycle control valve for an efficient and reliable water treatment, suitable for industrial filtration and softening applications. Valve body in brass.
- It is a valve characterized by considerable strength, with a cover non-corrosive, water and UV resistant.
- Down Flow regeneration
- Operating Flow Rate = 22 m³/h (97 gpm)
- Backwash Flow Rate = 24 m³/h (105 gpm)
- Regeneration:
 - Chronometric: 7 or 12 days
 - Volumetric: delayed or immediate
 - Electronics
- Complete with European Transformer 230-24 V / 50/60 Hz 60 VA and 2 " - Kit 8 upper screen.
- NOTE: Adapter for top or side mount is not included, to be ordered separately. For electronic models, the meter is not included, to order separately. For the filter valves, the DLFC is not included, to order separately.
- For NXT multi valve systems, please order (quantity = n-1 valves) the cable kit NXT (ref.FVABU41692) separately;
- OPTIONS:**
- NBP piston
- Filter;
- Electronic NXT
- Mechanical controllers for simplex and duplex
- Hot water - mechanical only 65° C volumetric or 82° C chronometric.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------------|--------------------------------------|------|--------------|----------------|--|
| FV315MC-600 | FLECK VALV. 3150 FILTER 12 DAYS | 23 | 545 | | |
| FV315MC-601 | FLECK VALV. 3150 FILTER 12 DAYS NBP | 23 | 545 | | |
| FV315NC-600 | FLECK VALV. 3150 FILTER NXT | 23 | 545 | | |
| FV315NC-601 | FLECK VALV. 3150 FILTER NXT NBP | 23 | 545 | | |
| FV315NC-602 | FLECK VALV. 3150 FILTER NXT NBP HW | 23 | 545 | | |
| FV315NC-603 | FLECK VALV. 3150/1800 NXT 4-20-5 | 23 | 545 | | |
| FV315NC-604 | FLECK VALV. 3150/1800 NXT 4-20-5 NBP | 23 | 545 | | |
| FV315NC-605 | FLECK VALV. 3150/1800 NXT 5-25-5 | 23 | 545 | | |
| FV315NC-606 | FLECK VALV. 3150/1800 NXT 5-25-5 NBP | 23 | 545 | | |
| FV315NC-607 | FLECK VALV. 3150/1800 NXT 6-35-5 | 23 | 545 | | |

| Characteristics | |
|---------------------------------|---|
| Tank size (recommended): | Softening System = 24"÷ 42" (Side mount filter 63") Filter = 24"÷ 42" |
| In/Out Connections | Threaded 2" BSP |
| Pressure vessel connection | Threaded 4" - 8 UN male |
| Drain line connection | Threaded 2" NPT or BSP |
| Brine line connection (1800) | Threaded 1" NPT |
| Distributor tube O. D. diameter | 63 mm |
| Operating pressure | 1,8 ÷ 8,5 bar |
| Water Temperature | 1 ÷ 40 °C |
| Protection class | IP22 |
| Height (from top of tank) | 254 mm |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------|--------------|------------|
| DM174-2004 CE, EAC | Pentair | Industrial |



Fleck Industrial Valves Series 3150

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|--|-------------|---------------|--------------|----------------|
| FV315NC-608 | FLECK VALV. 3150/1800 NXT 6-35-5 NBP | 23 | 545 | | |
| FV315NC-609 | FLECK VALV. 3150/1800 NXT 7-50-10 | 23 | 545 | | |
| FV315NC-610 | FLECK VALV. 3150/1800 NXT 7-50-10 NBP | 23 | 545 | | |
| FV315NC-611 | FLECK VALV. 3150/1800 NXT 8-70-10 | 23 | 545 | | |
| FV315NC-612 | FLECK VALV. 3150/1800 NXT 8-70-10 NBP | 23 | 545 | | |
| FV315NC-613 | FLECK VALV. 3150/1800 NXT 9-80-10 | 23 | 545 | | |
| FV315NC-614 | FLECK VALV. 3150/1800 NXT 9-80-10 NBP | 23 | 545 | | |
| FV315NC-615 | FLECK VALV. 3150/1800 NXT 10-100-10 | 23 | 545 | | |
| FV315NC-616 | FLECK VALV. 3150/1800 NXT 10-100-10 NBP | 23 | 545 | | |
| FV315XC-600 | FLECK VALV. 3150/1800 NOTIMER MSWIRED 4-20-5 | 23 | 545 | | |
| FV315XC-601 | FLECK VALV. 3150/1800 NOTIMER NOPLUG7-50-10 HW | 23 | 545 | | |
| FV315XC-602 | FLECK VALV. 3150/1800 NOTIMER MSWIRED 4-20-5 NBP | 23 | 545 | | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------|--------------|------------|
| DM174-2004 CE, EAC | Pentair | Industrial |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|---|------|----------|-------------|--|
| FVA18023 | TANK DAPT ASSY 3150 SM | 23 | 590 | | |
| FVA18024 | TANK ADAPT ASSY 3150 TM | 23 | 590 | | |
| FVA25580-100 | DLFC 2" BSP- 2" BSP ASSY 100 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-20 | DLFC 2" BSP- 2" BSP ASSY 20 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-25 | DLFC 2" BSP- 2" BSP ASSY 25 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-35 | DLFC 2" BSP- 2" BSP ASSY 35 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-40 | DLFC 2" BSP- 2" BSP ASSY 40 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-45 | DLFC 2" BSP- 2" BSP ASSY 45 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-50 | DLFC 2" BSP- 2" BSP ASSY 50 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-55 | DLFC 2" BSP- 2" BSP ASSY 55 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-60 | DLFC 2" BSP- 2" BSP ASSY 60 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-65 | DLFC 2" BSP- 2" BSP ASSY 65 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-70 | DLFC 2" BSP- 2" BSP ASSY 70 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-75 | DLFC 2" BSP- 2" BSP ASSY 75 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-80 | DLFC 2" BSP- 2" BSP ASSY 80 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-85 | DLFC 2" BSP- 2" BSP ASSY 85 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-90 | DLFC 2" BSP- 2" BSP ASSY 90 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-95 | DLFC 2" BSP- 2" BSP ASSY 95 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-ALL | DLFC KIT 2" 3150/3900 30 TO 100 GPM 3150/3900 | 23 | 590 | | |
| FVA29098 | KIT METER SS ASSY 2" NT/NXT | 23 | 590 | | |
| FVA28295 | KIT METER ELECTRONIC 2" PLASTIC 2910/3150 | 23 | 590 | | |
| FVABU41692 | CABLE KIT NXT | 23 | 590 | | |



Fleck Industrial Valves Series 3900



- Made in European Union (Italy)
- The 3900 is a fully adjustable 3- or 5-cycle control valve for an efficient and reliable water treatment, suitable for industrial and multivalve systems, for filtration and softening applications.
- Valve body in brass.
- It is a valve characterized by considerable strength, with a cover non-corrosive, water and UV resistant.
- Down/Up Flow regeneration, according to the models.
- Operating Flow Rate = 57 m³/h (250 gpm)
- Backwash Flow Rate = 24 m³/h (105 gpm)
- Regeneration: Chronometric: 7 or 12 days - Electronics
- Complete with European Transformer 230-24 V / 50/60 Hz 60 VA
- NOTE: Upper screen is not included, to be ordered separately.
- Adapter for top or side mount is not included, to be ordered separately. For the filter valves, the DLFC is not included, to order separately.
- For NXT multi valve systems, please order (quantity = n-1 valves) the cable kit NXT (ref.FVABU41692) separately;
- OPTIONS: NBP piston - Filter - NXT electronics
- Mechanical controllers for simplex and duplex
- Hot water - mechanical only 65° C volumetric or 82° C chronometric.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------------|--|------|--------------|----------------|--|
| FV390NC-600 | FLECK VALV. 3900 FILTER NXT | 23 | 550 | | |
| FV390NC-601 | FLECK VALV. 3900 FILTER NXT NBP | 23 | 550 | | |
| FV390MC-600 | FLECK VALV. 3900/1800 12 DAYS NBP 6-35-5 | 23 | 550 | | |
| FV390MC-601 | FLECK VALV. 3900/1800 12 DAYS NBP 7-50-10 | 23 | 550 | | |
| FV390MC-602 | FLECK VALV. 3900/1800 12 DAYS 10-100-10 | 23 | 550 | | |
| FV390MC-603 | FLECK VALV. 3900/1800 12 DAYS UF NBP 7-50-10 | 23 | 550 | | |
| FV390NC-602 | FLECK VALV. 3900/1800 NXT 6-35-5 | 23 | 550 | | |
| FV390NC-603 | FLECK VALV. 3900/1800 NXT 7-50-10 | 23 | 550 | | |
| FV390NC-604 | FLECK VALV. 3900/1800 NXT 8-70-10 | 23 | 550 | | |
| FV390NC-605 | FLECK VALV. 3900/1800 NXT NBP 5-25-5 | 23 | 550 | | |
| FV390NC-606 | FLECK VALV. 3900/1800 NXT NBP 6-35-5 | 23 | 550 | | |
| FV390NC-607 | FLECK VALV. 3900/1800 NXT NBP 7-50-10 | 23 | 550 | | |

| Characteristics | |
|---------------------------------|--|
| Tank size (recommended): | Softening System = 30"÷ 42" (30"÷63" side mount) Filter = 24"÷ 42" |
| In/Out Connections | Threaded 3" BSP |
| Pressure vessel connection | Threaded 6" or Side mount |
| Drain line connection | Threaded 2" NPT or BSP |
| Brine line connection (1800) | Threaded 1" NPT |
| Distributor tube O. D. diameter | 90 mm |
| Operating pressure | 1,8 ÷ 8,5 bar |
| Water Temperature | 1 ÷ 40 °C |
| Protection class | IP22 |
| Height (from top of tank) | 381 mm |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------|--------------|------------|
| DM174-2004 CE, EAC | Pentair | Industrial |



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|--|------|----------|-------------|--|
| FV390NC-608 | FLECK VALV. 3900/1800 NXT NBP 8-70-10 | 23 | 550 | | |
| FV390NC-609 | FLECK VALV. 3900/1800 NXT NBP 9-80-10 | 23 | 550 | | |
| FV390NC-610 | FLECK VALV. 3900/1800 NXT NBP 10-100-10 | 23 | 550 | | |
| FV390XC-600 | FLECK VALV. 3900/1800 NOTIMER NBP 5-25-5 | 23 | 550 | | |
| FV390XC-601 | FLECK VALV. 3900/1800 NOTIMER NOPLUG NBP 6-35-5 | 23 | 550 | | |
| FV390XC-602 | FLECK VALV. 3900/1800 NOTIMER NBP 7-50-10 | 23 | 550 | | |
| FV390XC-603 | FLECK VALV. 3900/1800 NOTIMER NOPLUG NBP 7-50-10 | 23 | 550 | | |
| FV390XC-604 | FLECK VALV. 3900/1800 NOTIMER NOPLUG NBP 7-60-10 | 23 | 550 | | |
| FV390XC-605 | FLECK VALV. 3900/1800 NOTIMER NOPLUG NBP 8-70-10 | 23 | 550 | | |
| FV390XC-606 | FLECK VALV. 3900/1800 NOTIMER NBP 10-100-10 | 23 | 550 | | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
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| Certificates | Manufacturer | Sectors |
|--------------------|--------------|------------|
| DM174-2004 CE, EAC | Pentair | Industrial |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|---|------|----------|-------------|--|
| FVA16258 | FLOW DISPERSER 3" 3900 | 23 | 590 | | |
| FVA18925 | TANK ADAPT ASSY 3900 TM FLANGED 6" | 23 | 590 | | |
| FVA18926 | TANK ADAPT ASSY 3900 SM | 23 | 590 | | |
| FVA25580-100 | DLFC 2" BSP- 2" BSP ASSY 100 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-20 | DLFC 2" BSP- 2" BSP ASSY 20 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-25 | DLFC 2" BSP- 2" BSP ASSY 25 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-30 | DLFC 2" BSP- 2" BSP ASSY 30 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-35 | DLFC 2" BSP- 2" BSP ASSY 35 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-40 | DLFC 2" BSP- 2" BSP ASSY 40 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-45 | DLFC 2" BSP- 2" BSP ASSY 45 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-50 | DLFC 2" BSP- 2" BSP ASSY 50 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-55 | DLFC 2" BSP- 2" BSP ASSY 55 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-60 | DLFC 2" BSP- 2" BSP ASSY 60 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-65 | DLFC 2" BSP- 2" BSP ASSY 65 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-70 | DLFC 2" BSP- 2" BSP ASSY 70 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-75 | DLFC 2" BSP- 2" BSP ASSY 75 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-80 | DLFC 2" BSP- 2" BSP ASSY 80 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-85 | DLFC 2" BSP- 2" BSP ASSY 85 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-90 | DLFC 2" BSP- 2" BSP ASSY 90 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-95 | DLFC 2" BSP- 2" BSP ASSY 95 GPM 3150/3900 | 23 | 590 | | |
| FVA25580-ALL | DLFC KIT 2" 3150/3900 30 TO 100 GPM 3150/3900 | 23 | 590 | | |
| FVA29082 | KIT METER ASSY 3" SS NXT 3900 | 23 | 590 | | |
| FVABU41692 | CABLE KIT NXT | 23 | 590 | | |



CLACK VALVE WS1TC

CONTROL VALVE



- Top mount control valve suited for automatic residential water softening or filtration system
- Single valve, available also for twin alternating, twin parallel and multitank systems
- Transformer, Drain Line Flow Control (DLFC) washer, Top Distributor and accessories not included, to order separately
- More informative 4 digit LCD Display with Status Indicators
- Solid state microprocessor with easy access front panel settings
- Backwash and brining ability to 21" diameter tanks
- Front panel display for time of day, days until next regeneration
- Days between regeneration feature: 1-99 days standard; 7-day optional
- Double backwash feature offers optimum regeneration, cleaning ability and efficiency
- 10 selectable pre-programmed regeneration cycles
- Coin Cell Lithium battery back-up with a 8 hour carry over
- Auto detection of 50/60 Hz line frequency, with automatic 12/24 hour time keeping formats
- Level VI 15-volt output DC power supply provides safe and easy installation
- Post treated water regenerant refill
- Reliable and proven DC drive
- Certified to NSF/ANSI 44, 61 and 372

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|-------------------------------------|------|----------|-------------|--|
| V1TCDTD-03 | WS1TC VALVE DN T I-D | 15 | 720 | | |
| V1TCDTD-M03 | WS1TC VALVE DN T I-D W/MIXING VALVE | 15 | 720 | | |
| V1TCDTE-03 | WS1TC VALVE DN T I-E | 15 | 720 | | |
| V1TCDTE-M03 | WS1TC VALVE DN T I-E W/MIXING VALVE | 15 | 720 | | |
| V1TCDTF-03 | WS1TC VALVE DN T I-F | 15 | 720 | | |
| V1TCDTF-M03 | WS1TC VALVE DN T I-F W/MIXING VALVE | 15 | 720 | | |
| V1TCBTZ-03 | WS1TC VALVE BW T I-Z | 15 | 720 | | |

| Ref | Softening System/Filter | Injector Tank Size | Downflow/Upflow | Meter | Mixing Valve |
|-------------|-------------------------|--------------------|-----------------|--------------|--------------|
| V1TCDTD-03 | Softening System | 9" | Downflow | Not included | Not included |
| V1TCDTD-M03 | Softening System | 9" | Downflow | Not included | included |
| V1TCDTE-03 | Softening System | 10" | Downflow | Not included | Not included |
| V1TCDTE-M03 | Softening System | 10" | Downflow | Not included | included |
| V1TCDTF-03 | Softening System | 12" | Downflow | Not included | Not included |
| V1TCDTF-M03 | Softening System | 12" | Downflow | Not included | included |
| V1TCBTZ-03 | Filter | N/A | Backwash | Not included | Not included |

- **NOTE:**Controls listed are priced without a power cord or transformer. For AC Adapter (Transformer) selection see "ACCESSORIES" section (V3186-XX). Drain Line Flow Controls (DLFC) washer is not included. Please order separately: reference order number V3162-007 through V3162-100. 1,05" Top Distributor is not included. Please order separately: reference order number AV071. Power Rechargeble Battery Pack Option: Control Valves listed can be used with a rechargeble battery pack and custom PC board.This battery pack can be recharged with the normal transformer for applications with a unstable power grid. Price Adder 118,43 euro. Sun Battery Pack Option: Control Valves listed can be used with a rechargeble battery pack and custom PC board. This battery pack can be recharged with a solar panel for applications with no electrical power. Price Adder 183,02 euro.

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
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| Certificates | Manufacturer | Sectors |
|---------------------|--------------|----------|
| DM174-2004, ACS, CE | Clack | Domestic |



| SPECIFIC | | FLOW RATES | |
|---|----------------------|---|-----------|
| Inlet/Outlet Fittings (to order separately) | ¾" to 1,25" male BST | Service Δp 1 bar/15 psi drop (includes bypass) | 6,12 m³/h |
| Cycles | Up to 6 | Backwash Δp 1,7 bar/25 psi drop (includes bypass) | 6,12 m³/h |
| Valve Material | Noryl or equivalent | Cv Service | 7,0 |
| Regeneration | Downflow or Upflow | Cv Backwash | 5,4 |

| OPERATING PRESSURES | | OPERATING TEMPERATURES | |
|---------------------|---------------|------------------------|------------|
| Minimum/Maximum | 1,4 ÷ 8,6 bar | Minimum/Maximum | 4° ÷ 43° C |

| | |
|-------------------------|-----------------------|
| Distributor Pilot | 1,05" |
| Drain Line | ¾" or 1" NPT |
| Brine Line | ⅜" or ½" OD Poly Tube |
| Mounting Base | 2 ½" - 8 NPSM |
| Height From Top Of Tank | 187 mm |
| Weight | 2 kg |

| ELECTRICAL SPECIFICATIONS | | TANK APPLICATIONS | |
|---------------------------|--------------------|-------------------|-------------------|
| Supply Voltage | 200V AC to 240V AC | Water Softener | 6" ÷ 21" diameter |
| Supply Frequency | 50/60 Hz | Water Filter | 6" ÷ 21" diameter |
| Output Voltage | 15VDC | | |
| Output Current | 500 mA | | |

| CYCLES OF OPERATION (Softener Downflow) | |
|---|-----------------|
| Backwash 1st (upflow) | 3 ÷ 12 minutes |
| Regenerate Draw/Slow Rinse (downflow) | 50 ÷ 70 minutes |
| Backwash 2nd (upflow) | 3 ÷ 12 minutes |
| Fast Rinse (downflow) | 3 ÷ 8 minutes |
| Regenerant Refill (in service with treated water) | As Programmed |
| Service (downflow) | |

Options: Backwash Filter, Bypass, Weather Cover

Compatible with the following typical concentration of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines



CLACK VALVE WS1EI

CONTROLL VALVE



- Top mount control valve suited for automatic residential water softening or filtration system
- Single valve, available also for twin alternating, twin parallel and multitank systems
- Transformer, Drain Line Flow Control (DLFC) washer, Top Distributor and accessories not included, to order separately
- Solid state microprocessor with easy access front panel setting
- Front panel display for time of da , days until next regeneration, volume remaining, current flow rate and total volume used (Totalizer)
- Four methods to initiate regeneration; meter immediate, meter delayed, time clock delayed or pressure differential
- Optional double backwash feature offers optimum regeneration, cleaning ability and efficiency
- Fully adjustable cycle times with 6-cycle control delivers controlled backwash, downflow brining/slow rinse, secon backwash, fast rinse, refill and downflow service
- Coin Cell Lithium battery back-up with an 8 hour carry over
- Level VI 15-volt output DC power supply provides safe and easy installation
- Control valve design provides optimum service and backwash rates
- Post treated water regenerant refill
- Reliable and proven DC drive
- Certified to NSF/ANSI 44, 61 and 372.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|-------------------------------------|------|----------|-------------|--|
| V1EIDMC-03 | WS1EI VALVE DN M I-C | 15 | 710 | | |
| V1EIDMC-M03 | WS1EI VALVE DN M I-C W/MIXING VALVE | 15 | 710 | | |
| V1EIDMD-03 | WS1EI VALVE DN M I-D | 15 | 710 | | |
| V1EIDMD-M03 | WS1EI VALVE DN M I-D W/MIXING VALVE | 15 | 710 | | |
| V1EIDME-03 | WS1EI VALVE DN M I-E | 15 | 710 | | |
| V1EIDME-M03 | WS1EI VALVE DN M I-E W/MIXING VALVE | 15 | 710 | | |
| V1EIDMF-03 | WS1EI VALVE DN M I-F | 15 | 710 | | |
| V1EIDMF-M03 | WS1EI VALVE DN M I-F W/MIXING VALVE | 15 | 710 | | |
| V1EIUMA-03 | WS1EI VALVE UP M I-A | 15 | 710 | | |
| V1EIUMA-M03 | WS1EI VALVE UP M I-A W/MIXING VALVE | 15 | 710 | | |
| V1EIUMB-03 | WS1EI VALVE UP M I-B | 15 | 710 | | |
| V1EIUMB-M03 | WS1EI VALVE UP M I-B W/MIXING VALVE | 15 | 710 | | |
| V1EIUMC-03 | WS1EI VALVE UP M I-C | 15 | 710 | | |
| V1EIUMC-M03 | WS1EI VALVE UP M I-C W/MIXING VALVE | 15 | 710 | | |
| V1EIDTE-03 | WS1EI VALVE DN T I-E | 15 | 710 | | |
| V1EIDTE-M03 | WS1EI VALVE DN T I-E W/MIXING VALVE | 15 | 710 | | |
| V1EIBMZ-03 | WS1EI VALVE BW M I-Z | 15 | 710 | | |
| V1EIBTZ-03 | WS1EI VALVE BW T I-Z | 15 | 710 | | |



CLACK VALVE WS1EI

| Ref | Softening System/Filter | Injector Tank Size | Downflow/Upflow | Meter | Mixing Valve |
|-------------|-------------------------|--------------------|-----------------|--------------|--------------|
| V1EIDMC-03 | Softening System | 8" | Downflow | included | Not included |
| V1EIDMC-M03 | Softening System | 8" | Downflow | included | included |
| V1EIDMD-03 | Softening System | 9" | Downflow | included | Not included |
| V1EIDMD-M03 | Softening System | 9" | Downflow | included | included |
| V1EIDME-03 | Softening System | 10" | Downflow | included | Not included |
| V1EIDME-M03 | Softening System | 10" | Downflow | included | included |
| V1EIDMF-03 | Softening System | 12" | Downflow | included | Not included |
| V1EIDMF-M03 | Softening System | 12" | Downflow | included | included |
| V1EIUMA-03 | Softening System | 8" | Uplflow | included | Not included |
| V1EIUMA-M03 | Softening System | 8" | Uplflow | included | included |
| V1EIUMB-03 | Softening System | 9" | Uplflow | included | Not included |
| V1EIUMB-M03 | Softening System | 9" | Uplflow | included | included |
| V1EIUMC-03 | Softening System | 10" | Uplflow | included | Not included |
| V1EIUMC-M03 | Softening System | 10" | Uplflow | included | included |
| V1EIDTE-03 | Softening System | 10" | Downflow | Not included | Not included |
| V1EIDTE-M03 | Softening System | 10" | Downflow | Not included | included |
| V1EIBMZ-03 | Filter | N/A | Backwash | included | Not included |
| V1EIBTZ-03 | Filter | N/A | Backwash | Not included | Not included |

- **NOTE:**Controls listed are priced without a power cord or transformer. For AC Adapter (Transformer) selection see "ACCESSORIES" section (V3186-XX). Drain Line Flow Controls (DLFC) washer is not included. Please order separately: reference order number V3162-007 through V3162-100. 1,05" Top Distributor is not included. Please order separately: reference order number AV071. Power Rechargeable Battery Pack Option: Control Valves listed can be used with a rechargeable battery pack and custom PC board.This battery pack can be recharged with the normal transformer for applications with a unstable power grid. Price Adder 118,43 euro. Sun Battery Pack Option: Control Valves listed can be used with a rechargeable battery pack and custom PC board. This battery pack can be recharged with a solar panel for applications with no electrical power. Price Adder 183,02 euro.

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
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| | 4 | | | 160 | |

| Certificates | Manufacturer | Sectors |
|---------------------|--------------|----------|
| DM174-2004, ACS, CE | Clack | Domestic |



CLACK VALVE WS1EI

| SPECIFIC | | FLOW RATES | |
|---|----------------------|--|-----------|
| Inlet/Outlet Fittings (to order separately) | ¾" to 1,25" male BST | Service Δp 1 bar/15 psi drop (includes bypass and meter) | 6,12 m³/h |
| Cycles | Up to 6 | Backwash Δp 1,7 bar/25 psidrop (includes bypass) | 6,12 m³/h |
| Valve Material | Noryl or equivalent | CV Service | 7,0 |
| Regeneration | Downflow or Upflow | CV Backwash | 5,4 |

| OPERATING PRESSURES | | OPERATING TEMPERATURES | |
|---------------------|---------------|------------------------|------------|
| Minimum/Maximum | 1,4 ÷ 8,6 bar | Minimum/Maximum | 4° ÷ 43° C |

| METER | | | |
|-----------------|---------------------|-------------------------|-------------------------|
| Accuracy | ± 5% | Distributor Pilot | 1,05" OD Pipe |
| Flow Rate Range | 0,95 ÷ 102 lpm | Drain Line | ¾" or 1" NPT |
| Volume Range | 0,02 ÷ 5.700 m³ | Brine Line | 3/8" or ½" OD Poly Tube |
| Totalizer | 0,001 - 9.99.999 m³ | Mounting Base | 2 ½" - 8 NPSM |
| | | Height From Top Of Tank | 187 mm |
| | | Weight | 2 kg |

| ELECTRICAL SPECIFICATIONS | | TANK APPLICATIONS | |
|---------------------------|--------------------|-------------------|-------------------|
| Supply Voltage | 200V AC to 240V AC | Water Softener | 6" ÷ 21" diameter |
| Supply Frequency | 50/60 Hz | Water Filter | 6" ÷ 21" diameter |
| Output Voltage | 15VDC | | |
| Output Current | 500 mA | | |

| CYCLES OF OPERATION | |
|---|-------------------------------|
| Backwash 1st (upflow) | 1 ÷ 95 minutes - Backwash 1-9 |
| Regenerate Draw/Slow Rinse (downflow) | 1 ÷ 180 minutes |
| Backwash 2nd (upflow) | 1 ÷ 95 minutes - Rinse 1-9 |
| Fast Rinse (downflow) | 1 ÷ 95 minutes |
| Regenerant Refill (in service with treated water) | 0,1 ÷ 99 minutes |
| Service (downflow) | |

Options: Backwash Filter, Weather Cover

Compatible with the following typical concentrations of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines.



CLACK VALVE TT1EI

TWIN ALTERNATING CONTROL VALVE



- Transformer, Drain Line Flow Control (DLFC) washer, Top Distributor and accessories not included, to order separately;
- Solid state microprocessor with easy access front panel setting
- Front panel display for time of day, days until next regeneration, volume remaining, current flow rate and total volume used (Totalizer) and Tank in Service Indication;
- Four methods to initiate regeneration; meter immediate, meter delayed, time clock delayed or pressure differential
- Optional double backwash feature offers optimum regeneration, cleaning ability and efficiency
- Fully adjustable cycle times with 6-cycle control delivers controlled backwash, downflow brining/slow rinse, second backwash, fast rinse, refill and downflow service
- Coin Cell Lithium battery back-up with an 8 hour carry over
- Level VI 15-volt output DC power supply provides safe and easy installation
- Control valve design provides optimum service and backwash rates
- Post treated water regenerator refill
- Reliable and proven DC drive
- Certified to NSF/ANSI 44, 61 and 372.
- If you need a different Injector Tank Size, please order separately the relevant Injector and the ref. V4052-01 (Interconnect Kit)

| Ref | Description | Fam. | Subfa. m. | Disp. Stock |
|--------------|----------------------|------|--------------|----------------|
| VTT1EIDME-03 | TT1EI VALVE DN M I-E | 15 | 710 | |

| Ref | Softening System/Filter | Ø Injector Tank Size | Downflow/Upflow | Meter | Mixing Valve |
|--------------|----------------------------|-------------------------|-----------------|----------|--------------|
| VTT1EIDME-03 | Softening System | 10" | Downflow | included | Not included |

NOTE: Controls listed are priced without a power cord or transformer. For AC Adapter (Transformer) selection see "ACCESSORIES" section (V3186-XX). Drain Line Flow Controls (DLFC) washer is not included. Please order separately: reference order number V3162-007 through V3162-100. 1,05" Top Distributors are not included. Please order separately: reference order number AV071. Power Rechargeable Battery Pack Option: Control Valves listed can be used with a rechargeable battery pack and custom PC board. This battery pack can be recharged with the normal transformer for applications with a unstable power grid. Price Adder 118,43 euro. Sun Battery Pack Option: Control Valves listed can be used with a rechargeable battery pack and custom PC board. This battery pack can be recharged with a solar panel for applications with no electrical power. Price Adder 183,02 euro.

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
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| Certificates | Manufacturer | Sectors |
|---------------------|--------------|----------|
| DM174-2004, ACS, CE | Clack | Domestic |



CLACK VALVE WS1CI

CONTROL VALVE



- Top mount control valve suited for automatic residential water softening or filtration system
- Single valve, available also for twin alternating, twin parallel and multitank systems
- Transformer, Drain Line Flow Control (DLFC) washer, Top Distributor and accessories not included, to order separately
- Solid state microprocessor with easy access front panel settings
- Four methods to initiate regeneration; meter immediate, meter delayed, time clock delayed or pressure differential
- Program in ppm, French degrees, German degrees, or cubic meters
- Fully programmable regeneration cycle sequence (maximum 9)
- Programmable regeneration cycle times
- Days override feature; 1 – 28 days available
- Stores system configuration and operation data in nonvolatile memor
- Coin Cell Lithium battery back-up with a 24 hour carry over
- Level VI 15-volt output DC power supply provides safe and easy installation
- Control valve design provides optimum service and backwash rates
- Pre or Post treated water regenerant refil
- Mixing valve option available
- Low salt alarm
- 24-hour clock
- Reliable and proven DC drive
- Certified to NSF/ANSI 44, 61 and 372

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------------|-------------------------------------|------|--------------|----------------|--|
| V1CIDMC-03 | WS1CI VALVE DN M I-C | 15 | 700 | | |
| V1CIDMC-M03 | WS1CI VALVE DN M I-C W/MIXING VALVE | 15 | 700 | | |
| V1CIDMD-03 | WS1CI VALVE DN M I-D | 15 | 700 | | |
| V1CIDMD-M03 | WS1CI VALVE DN M I-D W/MIXING VALVE | 15 | 700 | | |
| V1CIDME-03 | WS1CI VALVE DN M I-E | 15 | 700 | | |
| V1CIDME-M03 | WS1CI VALVE DN M I-E W/MIXING VALVE | 15 | 700 | | |
| V1CIDMF-03 | WS1CI VALVE DN M I-F | 15 | 700 | | |
| V1CIDMF-M03 | WS1CI VALVE DN M I-F W/MIXING VALVE | 15 | 700 | | |
| V1CIUMA-03 | WS1CI VALVE UP M I-A | 15 | 700 | | |
| V1CIUMA-M03 | WS1CI VALVE UP M I-A W/MIXING VALVE | 15 | 700 | | |
| V1CIUMB-03 | WS1CI VALVE UP M I-B | 15 | 700 | | |
| V1CIUMB-M03 | WS1CI VALVE UP M I-B W/MIXING VALVE | 15 | 700 | | |
| V1CIUMC-03 | WS1CI VALVE UP M I-C | 15 | 700 | | |
| V1CIUMC-M03 | WS1CI VALVE UP M I-C W/MIXING VALVE | 15 | 700 | | |
| V1CIDTE-03 | WS1CI VALVE DN T I-E | 15 | 700 | | |
| V1CIDTE-M03 | WS1CI VALVE DN T I-E W/MIXING VALVE | 15 | 700 | | |
| V1CIBMZ-03 | WS1CI VALVE BW M I-Z | 15 | 700 | | |
| V1CIBTZ-03 | WS1CI VALVE BW T I-Z | 15 | 700 | | |



CLACK VALVE WS1CI

| Ref | Softening System/Filter | Injector Tank Size | Downflow/Upflow | Meter | Mixing Valve |
|-------------|-------------------------|--------------------|-----------------|--------------|--------------|
| V1CIDMC-03 | Softening System | 8" | Downflow | included | Not included |
| V1CIDMC-M03 | Softening System | 8" | Downflow | included | included |
| V1CIDMD-03 | Softening System | 9" | Downflow | included | Not included |
| V1CIDMD-M03 | Softening System | 9" | Downflow | included | included |
| V1CIDME-03 | Softening System | 10" | Downflow | included | Not included |
| V1CIDME-M03 | Softening System | 10" | Downflow | included | included |
| V1CIDMF-03 | Softening System | 12" | Downflow | included | Not included |
| V1CIDMF-M03 | Softening System | 12" | Downflow | included | included |
| V1CIUMA-03 | Softening System | 8" | Upflow | included | Not included |
| V1CIUMA-M03 | Softening System | 8" | Upflow | included | included |
| V1CIUMB-03 | Softening System | 9" | Upflow | included | Not included |
| V1CIUMB-M03 | Softening System | 9" | Upflow | included | included |
| V1CIUMC-03 | Softening System | 10" | Upflow | included | Not included |
| V1CIUMC-M03 | Softening System | 10" | Upflow | included | included |
| V1CIDTE-03 | Softening System | 10" | Downflow | Not included | Not included |
| V1CIDTE-M03 | Softening System | 10" | Downflow | Not included | included |
| V1CIBMZ-03 | Filter | N/A | Backwash | included | Not included |
| V1CIBTZ-03 | Filter | N/A | Backwash | Not included | Not included |

- **NOTE:**Controls listed are priced without a power cord or transformer. For AC Adapter (Transformer) selection see "ACCESSORIES" section (V3186-XX). Drain Line Flow Controls (DLFC) washer is not included. Please order separately: reference order number V3162-007 through V3162-100. 1,05" Top Distributor is not included. Please order separately: reference order number AV071. Power Rechargeable Battery Pack Option: Control Valves listed can be used with a rechargeable battery pack and custom PC board. This battery pack can be recharged with the normal transformer for applications with a unstable power grid. Price Adder 118,43 euro. Sun Battery Pack Option: Control Valves listed can be used with a rechargeable battery pack and custom PC board. This battery pack can be recharged with a solar panel for applications with no electrical power. Price Adder 183,02 euro.

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
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| Certificates | Manufacturer | Sectors |
|---------------------|--------------|----------|
| DM174-2004, ACS, CE | Clack | Domestic |



CLACK VALVE WS1CI

| SPECIFIC | | FLOW RATES | |
|---|----------------------|--|-----------|
| Inlet/Outlet Fittings (to order separately) | ¾" to 1,25" male BST | Service Δp 15 psi/1 bar drop (includes bypass and meter) | 6,12 m³/h |
| Cycles | Up to 9 | Backwash Δp 25 psi/1.7 bar drop (includes bypass) | 6,12 m³/h |
| Valve Material | Noryl or equivalent | Cv Service | 7,0 |
| Regeneration | Downflow or Upflow | Cv Backwash | 5,4 |

| OPERATING PRESSURES | | OPERATING TEMPERATURES | |
|---------------------|---------------|------------------------|------------|
| Minimum/Maximum | 1,4 ÷ 8,6 bar | Minimum/Maximum | 4° ÷ 43° C |

| METER | | | |
|-----------------|-----------------|-------------------------|-------------------------|
| Accuracy | ± 5% | Distributor Pilot | 1,05" |
| Flow Rate Range | 0,95 ÷ 102 lpm | Drain Line | ¾" or 1" NPT |
| Volume Range | 0,02 ÷ 5.700 m³ | Brine Line | 3/8" or ½" OD Poly Tube |
| Totalizer | 1 - 99.999 m³ | Mounting Base | 2 ½" - 8 NPSM |
| | | Height From Top Of Tank | 187 mm |
| | | Weight | 2 kg |

| ELECTRICAL SPECIFICATIONS | | TANK APPLICATIONS | |
|---------------------------|----------------------|-------------------|-------------------|
| Supply Voltage | da 200V AC a 240V AC | Water Softener | 6" ÷ 21" diameter |
| Supply Frequency | 50/60 Hz | Water Filter | 6" ÷ 21" diameter |
| Output Voltage | 15VDC | | |
| Output Current | 500 mA | | |

| CYCLES OF OPERATION | |
|--|-------------------|
| Choose up to nine regeneration cycles, in any order, with a wide range of available values | |
| Backwash | 1 ÷ 120 minutes |
| Rinse | 1 ÷ 120 minutes |
| Pause (service) | 1 ÷ 480 minutes |
| Brine (co-current) | 1 ÷ 180 minutes |
| Brine (counter-current) | 1 ÷ 180 minutes |
| Refill (softener) | 0,05 ÷ 90,00 kg |
| Refill (filter) | 0,2 ÷ 76,0 liters |

Options: Backwash Filter, Bypass, Weather Cover

Compatible with the following typical concentrations of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines



CLACK VALVE TT1CI

CONTROL VALVE



- Transformer, Drain Line Flow Control (DLFC) washer, Top Distributor and accessories not included, to order separately;
- Solid state microprocessor with easy access front panel settings
- Four methods to initiate regeneration; meter immediate, meter delayed, time clock delayed or pressure differential
- Program in ppm, French degrees, German degrees, or cubic meters
- Fully programmable regeneration cycle sequence (maximum 9)
- Programmable regeneration cycle times
- Days override feature; 1 - 28 days available
- Stores system configuration and operation data in nonvolatile memory
- Coin Cell Lithium battery back-up with a 24 hour carry over
- Level VI 15-volt output DC power supply provides safe and easy installation
- Control valve design provides optimum service and backwash rates
- Pre or Post treated water regenerant refill
- Mixing valve option available
- Low salt alarm
- 24-hour clock
- Reliable and proven DC drive
- Certified to NSF/ANSI 44, 61 and 372

If you need a different Injector Tank Size, please order separately the relevant Injector and the ref. V4052-01 (Interconnect Kit)

| Ref | Description | Fam. | Subfa. m. | Disp. Stock |
|--------------|----------------------|------|--------------|----------------|
| VTT1CIDME-03 | TT1CI VALVE DN M I-E | 15 | 700 | |

| Ref | Softening System/Filter | Ø Injector Tank Size | Downflow/Upflow | Meter | Mixing Valve |
|--------------|----------------------------|-------------------------|-----------------|----------|--------------|
| VTT1CIDME-03 | Softening System | 10" | Downflow | included | Not included |

NOTE:Controls listed are priced without a power cord or transformer. For AC Adapter (Transformer) selection see "ACCESSORIES" section (V3186-XX).Drain Line Flow Controls (DLFC) washer is not included. Please order separately: reference order number V3162-007 through V3162-100. 1,05" Top Distributors are not included. Please order separately: reference order number AV071.Power Rechargeble Battery Pack Option: Control Valves listed can be used with a rechargeble battery pack and custom PC board.This battery pack can be recharged with the normal transformer for applications with a unstable power grid. Price Adder 118,43 euro.Sun Battery Pack Option: Control Valves listed can be used with a rechargeble battery pack and custom PC board. This battery pack can be recharged with a solar panel for applications with no electrical power. Price Adder 183,02 euro.

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| Certificates | Manufacturer | Sectors |
|---------------------|--------------|----------|
| DM174-2004, ACS, CE | Clack | Domestic |



CLACK VALVE WS125TC



CONTROL VALVE

- Top mount control valve suited for automatic residential water softening or filtration system
- Single valve, available also for twin alternating, twin parallel and multitank systems
- Transformer, Drain Line Flow Control (DLFC) washer, Top Distributor and accessories not included, to order separately
- More informative 4 digit LCD Display with Status Indicators
- Solid state microprocessor with easy access front panel setting
- Front panel display for time of day, days until next regeneration
- Days between regeneration feature: 1-99 days standard; 7-day optional
- Double backwash feature offers optimum regeneration, cleaning ability and efficiency
- 10 selectable pre-programmed regeneration cycles
- Coin Cell Lithium battery back-up with a 8 hour carry over
- Auto detection of 50/60 Hz line frequency, with automatic 12/24 hour time keeping formats
- Level VI 15-volt output DC power supply provides safe and easy installation
- Post treated water regenerator refill
- Reliable and proven DC drive
- Certified to NSF/ANSI 44, 61 and 372

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------------|---------------------------------------|------|----------|-------------|--|
| V125TCDTE-08 | WS125TC VALVE DN T I-E | 15 | 750 | | |
| V125TCDTE-M08 | WS125TC VALVE DN T I-E W/MIXING VALVE | 15 | 750 | | |
| V125TCDTF-08 | WS125TC VALVE DN T I-F | 15 | 750 | | |
| V125TCDTF-M08 | WS125TC VALVE DN T I-F W/MIXING VALVE | 15 | 750 | | |
| V125TCDTG-08 | WS125TC VALVE DN T I-G | 15 | 750 | | |
| V125TCDTG-M08 | WS125TC VALVE DN T I-G W/MIXING VALVE | 15 | 750 | | |
| V125TCBTZ-08 | WS125TC VALVE BW T I-Z | 15 | 750 | | |

| Ref | Softening System/Filter | Ø Injector Tank Size | Downflow/Upflow | Meter | Mixing Valve |
|---------------|-------------------------|----------------------|-----------------|--------------|--------------|
| V125TCDTE-08 | Softening System | 10" | Downflow | Not included | Not included |
| V125TCDTE-M08 | Softening System | 10" | Downflow | Not included | included |
| V125TCDTF-08 | Softening System | 12" | Downflow | Not included | Not included |
| V125TCDTF-M08 | Softening System | 12" | Downflow | Not included | included |
| V125TCDTG-08 | Softening System | 13" | Downflow | Not included | Not included |
| V125TCDTG-M08 | Softening System | 13" | Downflow | Not included | included |
| V125TCBTZ-08 | Filter | N/A | Backwash | Not included | Not included |

NOTE:Controls listed are priced without a power cord or transformer. For AC Adapter (Transformer) selection see "ACCESSORIES" section (V3186-XX).Drain Line Flow Controls (DLFC) washer is not included. Please order separately: reference order number V3162-007 through V3162-100.32 mm Top Distributor is not included. Please order separately: reference order number V-D1203-03.Power Rechargeble Battery Pack Option: Control Valves listed can be used with a rechargeble battery pack and custom PC board.This battery pack can be recharged with the normal transformer for applications with a unstable power grid. Price Adder 118,43 euro.Sun Battery Pack Option: Control Valves listed can be used with a rechargeble battery pack and custom PC board. This battery pack can be recharged with a solar panel for applications with no electrical power. Price Adder 183,02 euro.

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| Certificates | Manufacturer | Sectors |
|---------------------|--------------|----------|
| DM174-2004, ACS, CE | Clack | Domestic |



CLACK VALVE WS125TC

| SPECIFIC | | FLOW RATES | |
|---|----------------------|---------------------------------|--------|
| Inlet/Outlet Fittings (to order separately) | 1" to 1,5" male BSPT | Service Δp 15 psi drop | 34 gpm |
| Cycles | 6 | Backwash Δp 25 psi drop | 32 gpm |
| Valve Material | Noryl o equivalent | Cv Service | 8,8 |
| Regeneration | Downflow | Cv Backwash | 6,4 |

| OPERATING PRESSURES | | TEMPERATURA DI ESERCIZIO | |
|---------------------|------------------|--------------------------|------------|
| Minimum/Maximum | 20 psi - 125 psi | Minimum/Maximum | 4° ÷ 43° C |

| | |
|-------------------------|---------------------------|
| Distributor Pilot | 32 mm OD Piple |
| Drain Line | 3/4" or 1" NPT |
| Brine Line | 3/8" or 1/2" OD Poly Tube |
| Mounting Base | 2½" 8 NPSM |
| Height From Top Of Tank | 187 mm |
| Weight | 2 kg |

| ELECTRICAL SPECIFICATIONS | | TANK APPLICATIONS | |
|---------------------------|----------------------|-------------------|-------------------|
| Supply Voltage | da 200V AC a 240V AC | Water Softener | 6" ÷ 21" diameter |
| Supply Frequency | 50/60 Hz | Water Filter | 6" ÷ 24" diameter |
| Output Voltage | 15VDC | | |
| Output Current | 500 mA | | |

| CYCLES OF OPERATION (Softener Downflow) | |
|---|-----------------|
| Backwash 1st(upflow) | 3 ÷ 12 minutes |
| Regenerate Draw/Slow Rinse (downflow) | 50 ÷ 70 minutes |
| Backwash 2nd (upflow) | 3 ÷ 12 minutes |
| Fast Rinse (downflow) | 3 ÷ 8 minutes |
| Regenerant Refill (in service with treated water) | As Programmed |
| Service (downflow) | |

Options: Backwash Filter, Bypass, Weather Cover

Compatible with the following typical concentration of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines



CLACK VALVE WS125EI



CONTROL VALVE

- Top mount control valve suited for automatic residential water softening or filtration system
- Single valve, available also for twin alternating, twin parallel and multitank systems
- Transformer, Drain Line Flow Control (DLFC) washer, Top Distributor and accessories not included, to order separately
- Solid state microprocessor with easy access front panel setting.
- Front panel display for time of day, days until next regeneration, volume remaining, current flow rate and total volume used (Totalizer)
- Four methods to initiate regeneration; meter immediate, meter delayed, time clock delayed or pressure differential
- Optional double backwash feature offers optimum regeneration, cleaning ability and efficiency
- Fully adjustable cycle times with 6-cycle control delivers controlled backwash, downflow brining/slow rinse, second backwash, fast rinse, refill and downflow service
- Coin Cell Lithium battery back-up with an 8 hour carry over
- Level VI 15-volt output DC power supply provides safe and easy installation
- Control valve design provides optimum service and backwash rates
- Post treated water regenerant refill
- Certified to NSF/ANSI 44, 61 and 372

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------------|---------------------------------------|------|----------|-------------|--|
| V125EIDME-08 | WS125EI VALVE DN M I-E | 15 | 740 | | |
| V125EIDME-M08 | WS125EI VALVE DN M I-E W/MIXING VALVE | 15 | 740 | | |
| V125EIDMF-08 | WS125EI VALVE DN M I-F | 15 | 740 | | |
| V125EIDMF-M08 | WS125EI VALVE DN M I-F W/MIXING VALVE | 15 | 740 | | |
| V125EIDMH-08 | WS125EI VALVE DN M I-H | 15 | 740 | | |
| V125EIDMH-M08 | WS125EI VALVE DN M I-H W/MIXING VALVE | 15 | 740 | | |
| V125EIDMI-08 | WS125EI VALVE DN M I-I | 15 | 740 | | |
| V125EIDMI-M08 | WS125EI VALVE DN M I-I W/MIXING VALVE | 15 | 740 | | |
| V125EIDMK-08 | WS125EI VALVE DN M I-K | 15 | 740 | | |
| V125EIDMK-M08 | WS125EI VALVE DN M I-K W/MIXING VALVE | 15 | 740 | | |
| V125EIUMD-08 | WS125EI VALVE UP M I-D | 15 | 740 | | |
| V125EIUMD-M08 | WS125EI VALVE UP M I-D W/MIXING VALVE | 15 | 740 | | |
| V125EIUMF-08 | WS125EI VALVE UP M I-F | 15 | 740 | | |
| V125EIUMF-M08 | WS125EI VALVE UP M I-F W/MIXING VALVE | 15 | 740 | | |
| V125EIDTF-08 | WS125EI VALVE DN T I-F | 15 | 740 | | |
| V125EIDTF-M08 | WS125EI VALVE DN T I-F W/MIXING VALVE | 15 | 740 | | |
| V125EIBMZ-08 | WS125EI VALVE BW M I-Z | 15 | 740 | | |
| V125EIBTZ-08 | WS125EI VALVE BW T I-Z | 15 | 740 | | |



CLACK VALVE WS125EI

| Ref | Softening System/Filter | Ø Injector Tank Size | Downflow/Upflow | Meter | Mixing Valve |
|---------------|-------------------------|----------------------|-----------------|--------------|--------------|
| V125EIDME-08 | Softening System | 10" | Downflow | included | Not included |
| V125EIDME-M08 | Softening System | 10" | Downflow | included | included |
| V125EIDMF-08 | Softening System | 12" | Downflow | included | Not included |
| V125EIDMF-M08 | Softening System | 12" | Downflow | included | included |
| V125EIDMH-08 | Softening System | 14" | Downflow | included | Not included |
| V125EIDMH-M08 | Softening System | 14" | Downflow | included | included |
| V125EIDMI-08 | Softening System | 16" | Downflow | included | Not included |
| V125EIDMI-M08 | Softening System | 16" | Downflow | included | included |
| V125EIDMK-08 | Softening System | 21" | Downflow | included | Not included |
| V125EIDMK-M08 | Softening System | 21" | Downflow | included | included |
| V125EIUMD-08 | Softening System | 12" | Upflow | included | Not included |
| V125EIUMD-M08 | Softening System | 12" | Upflow | included | included |
| V125EIUMF-08 | Softening System | 14" | Upflow | included | Not included |
| V125EIUMF-M08 | Softening System | 14" | Upflow | included | included |
| V125EIDTF-08 | Softening System | 12" | Downflow | Not included | Not included |
| V125EIDTF-M08 | Softening System | 12" | Downflow | Not included | included |
| V125EIBMZ-08 | Filter | N/A | Backwash | included | Not included |
| V125EIBTZ-08 | Filter | N/A | Backwash | Not included | Not included |

NOTA:Controls listed are priced without a power cord or transformer. For AC Adapter (Transformer) selection see "ACCESSORIES" section (V3186-XX). Drain Line Flow Controls (DLFC) washer is not included. Please order separately: reference order number V3162-007 through V3162-100. 32 mm Top Distributor is not included. Please order separately: reference order number V-D1203-03. Power Rechargeable Battery Pack Option: Control Valves listed can be used with a rechargeable battery pack and custom PC board.This battery pack can be recharged with the normal transformer for applications with a unstable power grid. Price Adder 118,43 euro. Sun Battery Pack Option: Control Valves listed can be used with a rechargeble battery pack and custom PC board. This battery pack can be recharged with a solar panel for applications with no electrical power. Price Adder 183,02 euro.

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
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| Certificates | Manufacturer | Sectors |
|---------------------|--------------|----------|
| DM174-2004, ACS, CE | Clack | Domestic |



CLACK VALVE WS125EI

| SPECIFIC | | FLOW RATES | |
|---|-----------------------|--|-----------------------|
| Inlet/Outlet Fittings (to order separately) | 1" to 1,5" masle BSPT | Service Δp15 psi/1 bar drop (includes meter) | 7,7 m ³ /h |
| Cycles | up to 6 | Backwash con Δp25 psi/1.7 bar drop | 7,3 m ³ /h |
| Valve Material | Noryl or equivalent | CV Service | 8,8 |
| Regeneration | Downflow or Upflow | CV Backwash | 6,4 |

| OPERATING PRESSURES | | OPERATING TEMPERATURES | |
|---------------------|---------------|------------------------|------------|
| Minimum/Maximum | 1,4 ÷ 8,6 bar | Minimum/Maximum | 4° ÷ 43° C |

| METER | | | |
|-----------------|----------------------------------|-------------------------|-------------------------|
| Accuracy | ± 5% | Distributor Pilot | 32 mm OD Pipe |
| Flow Rate Range | 0,95 ÷ 129 lpm | Drain Line | ¾" or 1" NPT |
| Volume Range | 0,02 ÷ 5.700 m ³ | Brine Line | 3/8" or ½" OD Poly Tube |
| Totalizer | 0,001 - 9.999.000 m ³ | Mounting Base | 2½" 8 NPSM |
| | | Height From Top Of Tank | 187 mm |
| | | Weight | 2 kg |

| ELECTRICAL SPECIFICATIONS | | TANK APPLICATIONS | |
|---------------------------|--------------------|-------------------|-------------------|
| Supply Voltage | 200V AC to 240V AC | Water Softener | 6" ÷ 21" diameter |
| Supply Frequency | 50/60 Hz | Water Filter | 6" ÷ 24" diameter |
| Output Voltage | 15VDC | | |
| Output Current | 500 mA | | |

| CYCLES OF OPERATION | |
|---|------------------|
| Backwash 1st (upflow) | 1 ÷ 95 minutes |
| Regenerate Draw/Slow Rinse (downflow) | 1 ÷ 180 minutes |
| Backwash 2nd (upflow) | 1 ÷ 95 minutes |
| Fast Rinse (downflow) | 1 ÷ 95 minutes |
| Regenerant Refill (in service with treated water) | 0,1 ÷ 99 minutes |
| Service (downflow) | |

Options: Backwash Filter, Weather Cover

Compatible with the following typical concentrations of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines



CLACK VALVE WS125CI

CONTROL VALVE



- Top mount control valve suited for automatic residential water softening or filtration system
- Single valve, available also for twin alternating, twin parallel and multitank systems
- Transformer, Drain Line Flow Control (DLFC) washer, Top Distributor and accessories not included, to order separately
- Solid state microprocessor with easy access front panel settings.
- Four methods to initiate regeneration; meter immediate, meter delayed, time clock delayed or pressure differential
- Program in ppm, French degrees, German degrees, or cubic meters
- Fully programmable regeneration cycle sequence (maximum 9)
- Programmable regeneration cycle times
- Days override feature; 1 - 28 days available
- Stores system configuration and operation data in nonvolatile memory
- Coin Cell Lithium battery back-up with a 24 hour carry over
- Level VI 15-volt output DC power supply provides safe and easy installation
- Control valve design provides optimum service and backwash rates
- Pre or Post treated water regenerant refill
- Mixing valve option available
- Low salt alarm
- 24-hour clock
- Reliable and proven DC drive
- Certified to NSF/ANSI 44, 61 and 37

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------------|---------------------------------------|------|----------|-------------|--|
| V125CIDME-08 | WS125CI VALVE DN M I-E | 15 | 730 | | |
| V125CIDME-M08 | WS125CI VALVE DN M I-E W/MIXING VALVE | 15 | 730 | | |
| V125CIDMF-08 | WS125CI VALVE DN M I-F | 15 | 730 | | |
| V125CIDMF-M08 | WS125CI VALVE DN M I-F W/MIXING VALVE | 15 | 730 | | |
| V125CIDMH-08 | WS125CI VALVE DN M I-H | 15 | 730 | | |
| V125CIDMH-M08 | WS125CI VALVE DN M I-H W/MIXING VALVE | 15 | 730 | | |
| V125CIDMI-08 | WS125CI VALVE DN M I-I | 15 | 730 | | |
| V125CIDMI-M08 | WS125CI VALVE DN M I-I W/MIXING VALVE | 15 | 730 | | |
| V125CIDMK-08 | WS125CI VALVE DN M I-K | 15 | 730 | | |
| V125CIDMK-M08 | WS125CI VALVE DN M I-K W/MIXING VALVE | 15 | 730 | | |
| V125CIUMD-08 | WS125CI VALVE UP M I-D | 15 | 730 | | |
| V125CIUMD-M08 | WS125CI VALVE UP M I-D W/MIXING VALVE | 15 | 730 | | |
| V125CIUMF-08 | WS125CI VALVE UP M I-F | 15 | 730 | | |
| V125CIUMF-M08 | WS125CI VALVE UP M I-F W/MIXING VALVE | 15 | 730 | | |
| V125CIDTF-08 | WS125CI VALVE DN T I-F | 15 | 730 | | |
| V125CIDTF-M08 | WS125CI VALVE DN T I-F W/MIXING VALVE | 15 | 730 | | |
| V125CIBMZ-08 | WS125CI VALVE BW M I-Z | 15 | 730 | | |
| V125CIBTZ-08 | WS125CI VALVE BW T I-Z | 15 | 730 | | |



CLACK VALVE WS125CI

| Ref | Softening System/Filter | Ø Injector Tank Size | Downflow/Upflow | Meter | Mixing Valve |
|---------------|-------------------------|----------------------|-----------------|--------------|--------------|
| V125CIDME-08 | Softening System | 10" | Downflow | included | Not included |
| V125CIDME-M08 | Softening System | 10" | Downflow | included | included |
| V125CIDMF-08 | Softening System | 12" | Downflow | included | Not included |
| V125CIDMF-M08 | Softening System | 12" | Downflow | included | included |
| V125CIDMH-08 | Softening System | 14" | Downflow | included | Not included |
| V125CIDMH-M08 | Softening System | 14" | Downflow | included | included |
| V125CIDMI-08 | Softening System | 16" | Downflow | included | Not included |
| V125CIDMI-M08 | Softening System | 16" | Downflow | included | included |
| V125CIDMK-08 | Softening System | 21" | Downflow | included | Not included |
| V125CIDMK-M08 | Softening System | 21" | Downflow | included | included |
| V125CIUMD-08 | Softening System | 12" | Upflow | included | Not included |
| V125CIUMD-M08 | Softening System | 12" | Upflow | included | included |
| V125CIUMF-08 | Softening System | 14" | Upflow | included | Not included |
| V125CIUMF-M08 | Softening System | 14" | Upflow | included | included |
| V125CIDTF-08 | Softening System | 12" | Downflow | Not included | Not included |
| V125CIDTF-M08 | Softening System | 12" | Downflow | Not included | included |
| V125CIBMZ-08 | Filter | N/A | Backwash | included | Not included |
| V125CIBTZ-08 | Filter | N/A | Backwash | Not included | Not included |

NOTE:Controls listed are priced without a power cord or transformer. For AC Adapter (Transformer) selection see "ACCESSORIES" section (V3186-XX). Drain Line Flow Controls (DLFC) washer is not included. Please order separately: reference order number V3162-007 through V3162-100. 32 mm Top Distributor is not included. Please order separately: reference order number V-D1203-03. Power Rechargeable Battery Pack Option: Control Valves listed can be used with a rechargeable battery pack and custom PC board. This battery pack can be recharged with the normal transformer for applications with a unstable power grid. Price Adder 118,43 euro. Sun Battery Pack Option: Control Valves listed can be used with a rechargeble battery pack and custom PC board. This battery pack can be recharged with a solar panel for applications with no electrical power. Price Adder 183,02 euro.

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
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| Certificates | Manufacturer | Sectors |
|---------------------|--------------|----------|
| DM174-2004, ACS, CE | Clack | Domestic |



CLACK VALVE WS125CI

| SPECIFIC | | FLOW RATES | |
|---|------------------------|---|-----------------------|
| Inlet/Outlet Fittings (to order separately) | Da 1" a 1,5" male BSPT | Service Δp 15 psi/1 bar drop (includes meter) | 7,7 m ³ /h |
| Cycles | Up to 9 | Backwash Δp 25 psi/1.7 bar drop | 7,3 m ³ /h |
| Valve Material | Noryl or equivalent | CV Service | 8,8 |
| Regeneration | Downflow or Upflow | CV Backwash | 6,4 |

| OPERATING PRESSURES | | OPERATING TEMPERATURES | |
|---------------------|---------------|------------------------|------------|
| Minimum/Maximum | 1,4 ÷ 8,6 bar | Minimum/Maximum | 4° ÷ 43° C |

| METER | | | |
|------------------|-----------------------------|-------------------------|-------------------------|
| Accuracy | ± 5% | Distributor Pilot | 32 mm OD Pipe |
| Flow Rate Range. | 0,95 ÷ 129 lpm | Drain Line | ¾" or 1" NPT |
| Volume Range | 0,02 ÷ 5.700 m ³ | Brine Line | 3/8" or ½" OD Poly Tube |
| Totalizer | 1 - 99.999 m ³ | Mounting Base | 2½" 8 NPSM |
| | | Height From Top Of Tank | 187 mm |
| | | Weight | 2 kg |

| ELECTRICAL SPECIFICATIONS | | TANK APPLICATIONS | |
|---------------------------|--------------------|-------------------|-------------------|
| Supply Voltage | 200V AC to 240V AC | Water Softener | 6" ÷ 21" diameter |
| Supply Frequency | 50/60 Hz | Water Filter | 6" ÷ 24" diameter |
| Output Voltage | 15VDC | | |
| Output Current | 500 mA | | |

| CYCLES OF OPERATION | |
|---|-------------------|
| Choose up to nine regeneration cycles, in any order, with a wide range of available values: | |
| Backwash | 1 ÷ 120 minutes |
| Rinse | 1 ÷ 120 minutes |
| Pause (service) | 1 ÷ 480 minutes |
| Brine (co-current) | 1 ÷ 180 minutes |
| Brine (counter-current) | 1 ÷ 180 minutes |
| Refill (softener) | 0,05 ÷ 90,00 kg |
| Refill (filter) | 0,2 ÷ 76,0 liters |

Options: Backwash Filter, Bypass, Weather Cover

Compatible with the following typical concentrations of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines



CLACK VALVE WS15EI

CONTROL VALVE



- Transformer, Drain Line Flow Control (DLFC) washer, Top Distributor and accessories not included, to order separately
- 1.5" top mount control valve suited for mid-size commercial/industrial applications
- Epoxy coated lead free brass valve body;
- Economical optional meter
- Solid state microprocessor with easy access front panel settings
- Front panel display for time of day, days until next regeneration, volume remaining, current flow rate and total volume used (Totalizer)
- Four methods to initiate regeneration; meter immediate, meter delayed, time clock delayed or pressure differential
- Optional double backwash feature offers optimum regeneration, cleaning ability and efficiency;
- Fully adjustable cycle times with 6-cycle control delivers controlled backwash, downflow brining or upflow brining, slow rinse, second backwash, fast rinse, refill and downflow service;
- Coin Cell Lithium battery back-up with a 8 hour carry over
- Level VI 15-volt output DC power supply provides safe and easy installation
- Post treated water regenerant refill
- 24 hour clock
- Reliable and proven DC drive
- Certified to NSF/ANSI 44, 61 and 372

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------------|-----------------------|------|--------------|----------------|--|
| V15EIDMB-05 | WS15EI VALVE DN M I-B | 25 | 810 | | |
| V15EIDMD-05 | WS15EI VALVE DN M I-D | 25 | 810 | | |
| V15EIDMF-05 | WS15EI VALVE DN M I-F | 25 | 810 | | |
| V15EIDMG-05 | WS15EI VALVE DN M I-G | 25 | 810 | | |
| V15EIUMB-05 | WS15EI VALVE UP M I-B | 25 | 810 | | |
| V15EIUMD-05 | WS15EI VALVE UP M I-D | 25 | 810 | | |
| V15EIDTD-05 | WS15EI VALVE DN T I-D | 25 | 810 | | |
| V15EIDTF-05 | WS15EI VALVE DN T I-F | 25 | 810 | | |
| V15EIDTG-05 | WS15EI VALVE DN T I-G | 25 | 810 | | |
| V15EIBMZ-05 | WS15EI VALVE BW M I-Z | 25 | 810 | | |
| V15EIBTZ-05 | WS15EI VALVE BW T I-Z | 25 | 810 | | |



CLACK VALVE WS15EI

| Ref | Softening System/Filter | Ø Injector Tank Size | Downflow/Upflow | Meter | Mixing Valve |
|-------------|-------------------------|----------------------|-----------------|--------------|--------------|
| V15EIDMB-05 | Softening System | 12" | Downflow | included | Not included |
| V15EIDMD-05 | Softening System | 14" | Downflow | included | Not included |
| V15EIDMF-05 | Softening System | 18" | Downflow | included | Not included |
| V15EIDMG-05 | Softening System | 21" | Downflow | included | Not included |
| V15EIUMB-05 | Softening System | 14" | Upflow | included | Not included |
| V15EIUMD-05 | Softening System | 18" | Upflow | included | Not included |
| V15EIDTD-05 | Softening System | 14" | Downflow | Not included | Not included |
| V15EIDTF-05 | Softening System | 18" | Downflow | Not included | Not included |
| V15EIDTG-05 | Softening System | 21" | Downflow | Not included | Not included |
| V15EIBMZ-05 | Filter | N/A | Backwash | included | Not included |
| V15EIBTZ-05 | Filter | N/A | Backwash | Not included | Not included |

NOTE:Controls listed are priced without a power cord or transformer. For AC Adapter (Transformer) selection see "ACCESSORIES" section (V3186-XX). Drain Line Flow Controls (DLFC) washer is not included. Please order separately. For 3/4" drain fitting (V3158-04), Flow rates 0.07 - 10.0 gpm: reference order numbers V3162-007 through V3162-100. For 1" drain fitting (V3008-05), Flow rates 9.0 - 25.0 gpm: reference order numbers V3190-090 through V3190-250. For 1.25" x 1.5" drain fittings (V3079BSPT), Flow rates 9 to 85 gpm: reference order numbers V3162-007 through V3162-100, and V3190-090 through V3190-250. 50 mm Top Distributor is not included. Please order separately: reference order numbers V-D1199-04 or V-D1300. Power Rechargeable Battery Pack Option: Control Valves listed can be used with a rechargeable battery pack and custom PC board. This battery pack can be recharged with the normal transformer for applications with a unstable power grid. Price Adder 118,43 euro. Sun Battery Pack Option: Control Valves listed can be used with a rechargeable battery pack and custom PC board. This battery pack can be recharged with a solar panel for applications with no electrical power. Price Adder 183,02 euro.

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | 1 | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| ACS CE | Clack | Commercial, Industrial |



CLACK VALVE WS15EI

| CONTROL VALVE FLOW RATES | | | |
|--------------------------|--------------------|---|-----------------------|
| Inlet/Outlet | 1,5" female BSPT | Service Δp 1 bar/15 psi drop (includes meter) | 15,9m ³ /h |
| Cycles | up to 6 | Backwash Δp 1.7/25 psi bar drop | 11,8m ³ /h |
| Valve Material | Lead free brass | | |
| Regeneration | Downflow or Upflow | | |

| OPERATING PRESSURES | | OPERATING TEMPERATURES | |
|---------------------|---------------|------------------------|------------|
| Minimum/Maximum | 1,4 ÷ 8,6 bar | Minimum/Maximum | 4° ÷ 43° C |

| METER SPECIFICATIONS | | | |
|----------------------|-----------------------------------|--|---|
| Accuracy | ± 5% | Distributor Pilot | 50 mm |
| Flow Rate Range | 2 ÷ 248 lpm | Drain Line Connection Adapter Included | 1.25" Female NPT 3/4" Male NPT Elbow |
| Volume Range | 0,02 ÷ 5.700 m ³ | Brine Line Connection Adapter Included | ¾" Female NPT ½" OD Poly Tube Compression |
| Totalizer | 0,001 - 4.294..000 m ³ | Mounting Base | 4" - 8 UN |
| | | Height From Top Of Tank | 191 mm |
| | | Shipping Weight With Meter | 9,5 kg |

| ELECTRICAL SPECIFICATIONS | | TANK APPLICATIONS | |
|---------------------------|--------------------|-------------------|--------------------|
| Supply Voltage | 200V AC to 240V AC | Water Softener | 12" ÷ 30" diameter |
| Supply Frequency | 50/60 Hz | Water Filter | 12" ÷ 30" diameter |
| Output Voltage | 15VDC | | |
| Output Current | 500 mA | | |

| CYCLES OF OPERATION | |
|---|-------------------------------|
| Backwash 1st (upflow) | 1 ÷ 95 minutes - Backwash 1-9 |
| Regenerate Draw/Slow Rinse (downflow) | 1 ÷ 180 minutes - Rinse 1-9 |
| Backwash 2nd (upflow) | 1 ÷ 95 minutes |
| Fast Rinse (downflow) | 1 ÷ 95 minutes |
| Regenerant Refill (in service with treated water) | 0,1 ÷ 99 minutes |
| Service (downflow) | |

Options: Backwash Filter, Weather Cover

Compatible with the following typical concentrations of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines.



CLACK VALVE WS15CI

CONTROL VALVE



- Transformer, Drain Line Flow Control (DLFC) washer, Top Distributor and accessories not included, to order separately
- 1.5" top mount control valve suited for mid-size commercial/industrial applications
- Epoxy coated lead free brass valve body;
- Economical stainless steel optional meter assembly
- Solid state microprocessor with easy access front panel settings
- Front panel display for time of day, days until next regeneration, volume remaining and current flow
- Four methods to initiate the downflow regeneration; meter immediate, meter delayed, time clock delayed or pressure differential
- Program in ppm, French degrees, German degrees, or cubic meters
- Fully programmable regeneration cycle sequence (maximum 9)
- Programmable regeneration cycle times
- Days override feature; 1-28 days available
- Level VI 15-volt output DC power supply provides safe and easy installation
- Pre or Post treated water regenerant refill;
- Low salt alarm
- 24 hour clock
- Coin Cell Lithium battery back-up with a 24 hour carry over
- Reliable and proven DC drive
- Certified to NSF/ANSI 44, 61 and 372

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------------|-----------------------|------|--------------|----------------|--|
| V15CIDMB-05 | WS15CI VALVE DN M I-B | 25 | 800 | | |
| V15CIDMD-05 | WS15CI VALVE DN M I-D | 25 | 800 | | |
| V15CIDMF-05 | WS15CI VALVE DN M I-F | 25 | 800 | | |
| V15CIDMG-05 | WS15CI VALVE DN M I-G | 25 | 800 | | |
| V15CIUMB-05 | WS15CI VALVE UP M I-B | 25 | 800 | | |
| V15CIUMD-05 | WS15CI VALVE UP M I-D | 25 | 800 | | |
| V15CIDTD-05 | WS15CI VALVE DN T I-D | 25 | 800 | | |
| V15CIDTF-05 | WS15CI VALVE DN T I-F | 25 | 800 | | |
| V15CIDTG-05 | WS15CI VALVE DN T I-G | 25 | 800 | | |
| V15CIBMZ-05 | WS15CI VALVE BW M I-Z | 25 | 800 | | |
| V15CIBTZ-05 | WS15CI VALVE BW T I-Z | 25 | 800 | | |



CLACK VALVE W15CI

| Ref | Softening System/Filter | Ø Injector Tank Size | Downflow/Upflow | Meter | Mixing Valve |
|-------------|-------------------------|----------------------|-----------------|--------------|--------------|
| V15CIDMB-05 | Softening System | 12" | Downflow | included | Not included |
| V15CIDMD-05 | Softening System | 14" | Downflow | included | Not included |
| V15CIDMF-05 | Softening System | 18" | Downflow | included | Not included |
| V15CIDMG-05 | Softening System | 21" | Downflow | included | Not included |
| V15CIUMB-05 | Softening System | 14" | Upflow | included | Not included |
| V15CIUMD-05 | Softening System | 18" | Upflow | included | Not included |
| V15CIDTD-05 | Softening System | 14" | Downflow | Not included | Not included |
| V15CIDTF-05 | Softening System | 18" | Downflow | Not included | Not included |
| V15CIDTG-05 | Softening System | 21" | Downflow | Not included | Not included |
| V15CIBMZ-05 | Filter | N/A | Backwash | included | Not included |
| V15CIBTZ-05 | Filter | N/A | Backwash | Not included | Not included |

NOTE:Controls listed are priced without a power cord or transformer. For AC Adapter (Transformer) selection see "ACCESSORIES" section (V3186-XX). Drain Line Flow Controls (DLFC) washer is not included. Please order separately. For 3/4" drain fitting (V3158-04), Flow rates 0.07 - 10.0 gpm: reference order numbers V3162-007 through V3162-100. For 1" drain fitting (V3008-05), Flow rates 9.0 - 25.0 gpm: reference order numbers V3190-090 through V3190-250. For 1.25" x 1.5" drain fittings (V3079BSPT), Flow rates 9 to 85 gpm: reference order numbers V3162-007 through V3162-100, and V3190-090 through V3190-250. 50 mm Top Distributor is not included. Please order separately: reference order numbers V-D1199-04 or V-D1300. Power Rechargeable Battery Pack Option: Control Valves listed can be used with a rechargeable battery pack and custom PC board. This battery pack can be recharged with the normal transformer for applications with a unstable power grid. Price Adder 118,43 euro. Sun Battery Pack Option: Control Valves listed can be used with a rechargeable battery pack and custom PC board. This battery pack can be recharged with a solar panel for applications with no electrical power. Price Adder 183,02 euro.

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
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| Certificates | Manufacturer | Sectors |
|---------------------|--------------|------------------------|
| DM174-2004, ACS, CE | Clack | Commercial, Industrial |



CLACK VALVE WS15CI

| SPECIFIC | | CONTROL VALVE FLOW RATES | |
|----------------|--------------------|---|------------------------|
| Inlet/Outlet | 1,5" female BSPT | Service Δp 1 bar/15 psi drop (includes meter) | 15,9 m ³ /h |
| Cycles | Up to 9 | Backwash Δp 1.7 bar/25 psi drop | 11,8 m ³ /h |
| Valve Material | Lead free brass | | |
| Regeneration | Downflow or Upflow | | |

| OPERATING PRESSURES | | OPERATING TEMPERATURES | |
|---------------------|---------------|------------------------|------------|
| Minimum/Maximum | 1,4 ÷ 8,6 bar | Minimum/Maximum | 4° ÷ 43° C |

| METER SPECIFICATIONS | | | |
|----------------------|-----------------------------|---|---|
| Accuracy | ± 5% | Distributor Pilot | 50 mm |
| Flow Rate Range | 2 ÷ 248 lpm | Drain Line Connection Adapter Included. | 1,25" Female NPT 3/4" Male NPT Elbow |
| Volume Range | 0,02 ÷ 5.700 m ³ | Brine Line Connection Adapter Included | ¾" Female NPT ½" OD Poly Tube Compression |
| Totalizer | 1 - 99.000 m ³ | Mounting Base | 4" - 8 UN |
| | | Height From Top Of Tank | 191 mm |
| | | Shipping Weight With Meter | 9,5 kg |

| ELECTRICAL SPECIFICATIONS | | TANK APPLICATIONS | |
|---------------------------|--------------------|-------------------|--------------------|
| Supply Voltage | 200V AC to 240V AC | Water Softener | 12" ÷ 30" diameter |
| Supply Frequency | 50/60 Hz | Water Filter | 12" ÷ 30" diameter |
| Output Voltage | 15VDC | | |
| Output Current | 500 mA | | |

| CYCLES OF OPERATION Choose up to nine regeneration cycles, in any order, with a wide range of available values: | |
|--|---------------------------------|
| Backwash | 1 ÷ 120 minutes |
| Rinse | 1 ÷ 480 minutes |
| Pause (service). | 1 ÷ 180 minutes |
| Brine (co-current) | 0,1 ÷ 180 minutes |
| Refill (softener) | 0,05 ÷ 90,00 kg./1 - 99 minutes |
| Refill (filter) | 0,2 ÷ 76,0 liters |

Options: Backwash Filter, Weather Cover

Compatible with the following typical concentrations of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines.



CLACK VALVE WS2EI

CONTROL VALVE



- Transformer, Drain Line Flow Control (DLFC) washer, Top Distributor and accessories not included, to order separately
- 2" Top mount control valve suited for commercial/industrial applications
- Epoxy coated lead free brass valve body.
- Economical stainless steel optional meter assembly
- Solid state microprocessor with easy access front panel setting
- Front panel display for time of day, days until next regeneration, volume remaining, current flow rate and total volume used (Totalizer)
- Four methods to initiate regeneration; meter immediate, meter delayed, time clock delayed or pressure differential
- Optional double backwash feature offers optimum regeneration, cleaning ability and efficiency
- Fully adjustable cycle times with 6-cycle control delivers controlled backwash, downflow brining or upflow brining, slow rinse, second backwash, fast rinse, refill and downflow service
- Coin Cell Lithium battery back-up with an 8 hour carry over
- Level VI 15-volt output DC power supply provides safe and easy installation
- Post treatment water regenerant refill
- 24 Hour Clock
- Reliable and proven DC drive
- Certified to NSF/ANSI 44, 61 and 372

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|------------|----------------------|------|--------------|----------------|--|
| V2EIDMA-05 | WS2EI VALVE DN M I-A | 25 | 830 | | |
| V2EIDMB-05 | WS2EI VALVE DN M I-B | 25 | 830 | | |
| V2EIDMC-05 | WS2EI VALVE DN M I-C | 25 | 830 | | |
| V2EIDMD-05 | WS2EI VALVE DN M I-D | 25 | 830 | | |
| V2EIDME-05 | WS2EI VALVE DN M I-E | 25 | 830 | | |
| V2EIDMF-05 | WS2EI VALVE DN M I-F | 25 | 830 | | |
| V2EIDMG-05 | WS2EI VALVE DN M I-G | 25 | 830 | | |
| V2EIUMA-05 | WS2EI VALVE UP M I-A | 25 | 830 | | |
| V2EIUMB-05 | WS2EI VALVE UP M I-B | 25 | 830 | | |
| V2EIDTA-05 | WS2EI VALVE DN T I-A | 25 | 830 | | |
| V2EIDTB-05 | WS2EI VALVE DN T I-B | 25 | 830 | | |
| V2EIDTC-05 | WS2EI VALVE DN T I-C | 25 | 830 | | |
| V2EIDTD-05 | WS2EI VALVE DN T I-D | 25 | 830 | | |
| V2EIDTE-05 | WS2EI VALVE DN T I-E | 25 | 830 | | |
| V2EIDTF-05 | WS2EI VALVE DN T I-F | 25 | 830 | | |
| V2EIDTG-05 | WS2EI VALVE DN T I-G | 25 | 830 | | |
| V2EIBMZ-05 | WS2EI VALVE BW M I-Z | 25 | 830 | | |
| V2EIBTZ-05 | WS2EI VALVE BW T I-Z | 25 | 830 | | |



CLACK VALVE WS2EI

| Ref | Softening System/Filter | Ø Bombola | Downflow/Upflow | Meter | Mixing Valve |
|------------|-------------------------|-----------|-----------------|--------------|--------------|
| V2EIDMA-05 | Softening System | 18" | Downflow | included | Not included |
| V2EIDMB-05 | Softening System | 21" | Downflow | included | Not included |
| V2EIDMC-05 | Softening System | 24" | Downflow | included | Not included |
| V2EIDMD-05 | Softening System | 30" | Downflow | included | Not included |
| V2EIDME-05 | Softening System | 36" | Downflow | included | Not included |
| V2EIDMF-05 | Softening System | 42" | Downflow | included | Not included |
| V2EIDMG-05 | Softening System | 48" | Downflow | included | Not included |
| V2EIUMA-05 | Softening System | 24" | Upflow | included | Not included |
| V2EIUMB-05 | Softening System | 30" | Upflow | included | Not included |
| V2EIDTA-05 | Softening System | 18" | Downflow | Not included | Not included |
| V2EIDTB-05 | Softening System | 21" | Downflow | Not included | Not included |
| V2EIDTC-05 | Softening System | 24" | Downflow | Not included | Not included |
| V2EIDTD-05 | Softening System | 30" | Downflow | Not included | Not included |
| V2EIDTE-05 | Softening System | 36" | Downflow | Not included | Not included |
| V2EIDTF-05 | Softening System | 42" | Downflow | Not included | Not included |
| V2EIDTG-05 | Softening System | 48" | Downflow | Not included | Not included |
| V2EIBMZ-05 | Filter | N/A | Backwash | included | Not included |
| V2EIBTZ-05 | Filter | N/A | Backwash | Not included | Not included |

NOTE:Controls listed are priced without a power cord or transformer. For AC Adapter (Transformer) selection see "ACCESSORIES" section (V3186-XX). Drain Line Flow Controls (DLFC) washer is not included. Please order separately. For 3/4" drain fitting (V3158-04), Flow rates 0.07 - 10.0 gpm: reference order numbers V3162-007 through V3162-100. For 1" drain fitting (V3008-05), Flow rates 9.0 - 25.0 gpm: reference order numbers V3190-090 through V3190-250. For 1.5" x 1.5" drain fittings (V3080BSPT), Flow rates 9 to 85 gpm: reference order numbers V3162-007 through V3162-100, and V3190-090 through V3190-250. 50 mm Top Distributor is not included. Please order separately: reference order numbers V-D1199-04 or V-D1300. Power Rechargeable Battery Pack Option: Control Valves listed can be used with a rechargeable battery pack and custom PC board. This battery pack can be recharged with the normal transformer for applications with a unstable power grid. Price Adder 118,43 euro. Sun Battery Pack Option: Control Valves listed can be used with a rechargeable battery pack and custom PC board. This battery pack can be recharged with a solar panel for applications with no electrical power. Price Adder 183,02 euro.

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | 1 | | | | |

| Certificates | Manufacturer | Sectors |
|---------------------|--------------|------------------------|
| DM174-2004, ACS, CE | Clack | Commercial, Industrial |



CLACK VALVE WS2EI

| SPECIFIC | | CONTROL VALVE FLOW RATES | |
|----------------|--------------------|---|-----------|
| Inlet/Outlet | 2" female BSPT | Service Δp 1 bar/15 psi drop | 26,1 m³/h |
| Cycles | Up to 6 | Backwash Δp 1.7 bar/25 psi drop | 18,2 m³/h |
| Valve Material | Lead free brass | Cv Service | 29,7 |
| Regeneration | Downflow or Upflow | Cv Backwash | 16,0 |

| OPERATING PRESSURES | | OPERATING TEMPERATURES | |
|---------------------|---------------|------------------------|------------|
| Minimum/Maximum | 1,4 ÷ 8,6 bar | Minimum/Maximum | 4° ÷ 43° C |

| METER SPECIFICATIONS | | | |
|----------------------|----------------------|------------------------------|---|
| Accuracy | ± 5% | Distributor Pilot | 50 mm |
| Flow Rate Range | 5,7 ÷ 568 lpm | Drain Line Connection | 1,5" Female NPT |
| Volume Range | 0,02 ÷ 5.700 m³ | Brine Line Adapters Included | 1" Male NPT elbow, ¾" x 1" solvent weld elbow and 1/2" OD Poly Tube Compression |
| Totalizer. | 0,001 - 4.294.000 m³ | Mounting Base | 4" - 8 UN |
| | | Height From Top Of Tank | 216 mm |
| | | Shipping Weight With Meter | 13 kg |

| ELECTRICAL SPECIFICATIONS | | TANK APPLICATIONS | |
|---------------------------|--------------------|-------------------|--------------------|
| Supply Voltage | 200V AC to 240V AC | Water Softener | 12" ÷ 48" diameter |
| Supply Frequency | 50/60 Hz | Water Filter | 12" ÷ 36" diameter |
| Output Voltage | 15VDC | | |
| Output Current | 500 mA | | |

| CYCLES OF OPERATION | |
|--|--------------------------------|
| Backwash 1st (upflow) | 1 ÷ 95 minutes - Backwash 1-95 |
| Regenerate Draw/Slow Rinse (downflow) | 1 ÷ 180 minutes - Rinse 1-95 |
| Backwash 2nd (upflow) | 1 ÷ 95 minutes |
| Fast Rinse (downflow) | 1 ÷ 95 minutes |
| Regenerator Refill (in service with treated water) | 0,1 ÷ 99 minutes |
| Service (downflow) | |

Options: Backwash Filter, Weather Cover

Compatible with the following typical concentrations of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines



CLACK VALVE WS2EI QC



CONTROL VALVE

- Single valve, available also for twin alternating, twin parallel and multitank systems
- Transformer, Drain Line Flow Control (DLFC) washer, Top Distributor and accessories not included, to order separately
- 2" top mount or side mount control valve suited for commercial/industrial applications
- Epoxy coated lead free brass valve body
- Economical stainless steel optional meter assembly
- Solid state microprocessor with easy access front panel settings
- Front panel display for time of day, days until next regeneration, volume remaining, current flow rate and total volume used (Totalizer)
- Four methods to initiate regeneration; meter immediate, meter delayed, time clock delayed or pressure differential
- Optional double backwash feature offers optimum regeneration, cleaning ability and efficiency
- Fully adjustable cycle times with 6-cycle control delivers controlled backwash, downflow brining or upflow brining, slow rinse, second backwash, fast rinse, refill and downflow service
- Coin Cell Lithium battery back-up with an 8 hour carry over
- Level VI 15-volt output DC power supply provides safe and easy installation
- Post treated water regenerant refill
- 24 Hour Clock
- Certified to NSF/ANSI 44, 61 and 372

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|-------------------------|------|----------|-------------|--|
| V2EIDMA-18 | WS2EI VALVE DN M I-A QC | 25 | 830 | | |
| V2EIDMB-18 | WS2EI VALVE DN M I-B QC | 25 | 830 | | |
| V2EIDMC-18 | WS2EI VALVE DN M I-C QC | 25 | 830 | | |
| V2EIDMD-18 | WS2EI VALVE DN M I-D QC | 25 | 830 | | |
| V2EIDME-18 | WS2EI VALVE DN M I-E QC | 25 | 830 | | |
| V2EIDMF-18 | WS2EI VALVE DN M I-F QC | 25 | 830 | | |
| V2EIDMG-18 | WS2EI VALVE DN M I-G QC | 25 | 830 | | |
| V2EIUMA-18 | WS2EI VALVE UP M I-A QC | 25 | 830 | | |
| V2EIUMB-18 | WS2EI VALVE UP M I-B QC | 25 | 830 | | |
| V2EIDTA-18 | WS2EI VALVE DN T I-A QC | 25 | 830 | | |
| V2EIDTB-18 | WS2EI VALVE DN T I-B QC | 25 | 830 | | |
| V2EIDTC-18 | WS2EI VALVE DN T I-C QC | 25 | 830 | | |
| V2EIDTD-18 | WS2EI VALVE DN T I-D QC | 25 | 830 | | |
| V2EIDTE-18 | WS2EI VALVE DN T I-E QC | 25 | 830 | | |
| V2EIDTF-18 | WS2EI VALVE DN T I-F QC | 25 | 830 | | |
| V2EIDTG-18 | WS2EI VALVE DN T I-G QC | 25 | 830 | | |
| V2EIBMZ-18 | WS2EI VALVE BW M I-Z QC | 25 | 830 | | |
| V2EIBTZ-18 | WS2EI VALVE BW T I-Z QC | 25 | 830 | | |

When using the WS2EI/QC Control Valve, one of the following Tank Base Assemblies must be ordered, to complete the Control Valve:

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|--|------|----------|-------------|--|
| V3064 | WS2H/2 QC 4" BASE ASSEMBLY | 25 | 850 | | |
| V3055 | WS2H/2 QC 6" FLANGE BASE ASSEMBLY | 25 | 850 | | |
| V3260BSPT-02 | WS2H/2 QC 2" SIDE MOUNT BASE ASSEMBLY BSPT | 25 | 850 | | |



CLACK VALVE WS2EI QC

| Ref | Softening System/Filter | Ø Injector Tank Size | Downflow/Upflow | Meter | Mixing Valve |
|------------|-------------------------|----------------------|-----------------|--------------|--------------|
| V2EIDMA-18 | Softening System | 18" | Downflow | included | Not included |
| V2EIDMB-18 | Softening System | 21" | Downflow | included | Not included |
| V2EIDMC-18 | Softening System | 24" | Downflow | included | Not included |
| V2EIDMD-18 | Softening System | 30" | Downflow | included | Not included |
| V2EIDME-18 | Softening System | 36" | Downflow | included | Not included |
| V2EIDMF-18 | Softening System | 42" | Downflow | included | Not included |
| V2EIDMG-18 | Softening System | 48" | Downflow | included | Not included |
| V2EIUMA-18 | Softening System | 24" | Upflow | included | Not included |
| V2EIUMB-18 | Softening System | 30" | Upflow | included | Not included |
| V2EIDTA-18 | Softening System | 18" | Downflow | Not included | Not included |
| V2EIDTB-18 | Softening System | 21" | Downflow | Not included | Not included |
| V2EIDTC-18 | Softening System | 24" | Downflow | Not included | Not included |
| V2EIDTD-18 | Softening System | 30" | Downflow | Not included | Not included |
| V2EIDTE-18 | Softening System | 36" | Downflow | Not included | Not included |
| V2EIDTF-18 | Softening System | 42" | Downflow | Not included | Not included |
| V2EIDTG-18 | Softening System | 48" | Downflow | Not included | Not included |
| V2EIBMZ-18 | Filter | N/A | Backwash | included | Not included |
| V2EIBTZ-18 | Filter | N/A | Backwash | Not included | Not included |

NOTE:Controls listed are priced without a power cord or transformer. For AC Adapter (Transformer) selection see "ACCESSORIES" section (V3186-XX). Drain Line Flow Controls (DLFC) washer is not included. Please order separately. For 3/4" drain fitting (V3158-04), Flow rates 0.07 - 10.0 gpm: reference order numbers V3162-007 through V3162-100. For 1" drain fitting (V3008-05), Flow rates 9.0 - 25.0 gpm: reference order numbers V3190-090 through V3190-250. For 1.5" x 1.5" drain fittings (V3080BSP), Flow rates 9 to 85 gpm: reference order numbers V3162-007 through V3162-100, and V3190-090 through V3190-250. 63 mm Top Distributor is not included. Please order separately: reference numbers V-D1199-05 or V-D1200-04. Power Rechargeable Battery Pack Option: Control Valves listed can be used with a rechargeable battery pack and custom PC board. This battery pack can be recharged with the normal transformer for applications with a unstable power grid. Price Adder 118,43 euro. Sun Battery Pack Option: Control Valves listed can be used with a rechargeable battery pack and custom PC board. This battery pack can be recharged with a solar panel for applications with no electrical power. Price Adder 183,02 euro.

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|--------------|-----------|--------------|---------------|------------------------|----------------|
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| Certificates | | Manufacturer | | Sectors | |
| ACS CE | | Clack | | Commercial, Industrial | |



CLACK VALVE WS2EIQC

| SPECIFIC | | CONTROL VALVE FLOW RATES | |
|----------------|--------------------|---|-------------------------------|
| Inlet/Outlet | 2" female BSPT | Service Δp 1 bar/15 psi drop | 473 lpm (28,4 m3/h) (125 gpm) |
| Cycles | Up to 6 | Backwash Δp 1.7 bar/25 psi drop | 322 lpm (19,3 m3/h) (85 gpm) |
| Valve Material | Lead free brass | Cv Service | 32,3 |
| Regeneration | Downflow or Upflow | Cv Backwash | 17,0 |

| OPERATING PRESSURES | | OPERATING TEMPERATURES | |
|---------------------|---------------|------------------------|------------|
| Minimum/Maximum | 1,4 ÷ 8,6 bar | Minimum/Maximum | 4° ÷ 43° C |

| METER SPECIFICATIONS | | | |
|----------------------|----------------------|--|---|
| Accuracy | ± 5% | Distributor Pilot | 63 mm |
| Flow Rate Range | 5,7 ÷ 568 lpm | Drain line connection | 1,5" Female NPT |
| Volume Range | 0,02 ÷ 5.700 m³ | Brine Line Adapters Included | 1" Male NPT elbow, ¾" x 1" solvent weld elbow and 1/2" OD Poly Tube Compression |
| Totalizer | 0,001 - 4.294.000 m³ | Mounting Base | 4" - 8 UN, 6" Flange or Side Mount |
| | | Height From Top Of Tank with 4" - 8 UN QC Base | 284,5 mm 287,0 mm |
| | | Height From Top Of Tank with 6" Flange QC Base | |
| | | Weight | 14 kg |

| ELECTRICAL SPECIFICATIONS | | TANK APPLICATIONS | |
|---------------------------|--------------------|-------------------|--------------------|
| Supply Voltage | 200V AC to 240V AC | Water Softener | 12" ÷ 48" diameter |
| Supply Frequency | 50/60 Hz | Water Filter | 12" ÷ 36" diameter |
| Output Voltage | 15VDC | | |
| Output Current | 500 mA | | |

| CYCLES OF OPERATION | |
|---|------------------|
| Backwash 1st (upflow) | 1 ÷ 95 minutes |
| Regenerate Draw/Slow Rinse (downflow) | 1 ÷ 180 minutes |
| Backwash 2nd (upflow) | 1 ÷ 95 minutes |
| Fast Rinse (downflow) | 1 ÷ 95 minutes |
| Regenerant Refill (in service with treated water) | 0,1 ÷ 99 minutes |
| Service (downflow) | |

Options: Backwash Filter, Weather Cover

Compatible with the following typical concentrations of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines.



CLACK VALVE WS2CI

CONTROL VALVE



- Transformer, Drain Line Flow Control (DLFC) washer, Top Distributor and accessories not included, to order separately
- 2" Top mount control valve suited for commercial/industrial applications
- Epoxy coated lead free brass valve body
- Economical stainless steel optional meter assembly
- Solid state microprocessor with easy access front panel settings Front panel display for time of day, days until next regeneration, volume remaining and current flow rate
- Four methods to initiate regeneration; meter immediate, meter delayed, time clock delayed or pressure differential
- Program in ppm, French degrees, German degrees, or cubic meters
- Fully programmable regeneration cycle sequence (maximum 9)
- Programmable regeneration cycle times
- Days override feature; 1-28 days available
- Coin Cell Lithium battery back-up with an 24 hour carry over
- Level VI 15-volt output DC power supply provides safe and easy installation
- Pre or Post treated water regenerant refill
- 24 Hour Clock
- Reliable and proven DC drive
- Certified to NSF/ANSI 44, 61 and 372

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|----------------------|------|----------|-------------|--|
| V2CIDMD-05 | WS2CI VALVE DN M I-D | 25 | 820 | | |
| V2CIDME-05 | WS2CI VALVE DN M I-E | 25 | 820 | | |
| V2CIDMF-05 | WS2CI VALVE DN M I-F | 25 | 820 | | |
| V2CIDMG-05 | WS2CI VALVE DN M I-G | 25 | 820 | | |
| V2CIUMA-05 | WS2CI VALVE UP M I-A | 25 | 820 | | |
| V2CIUMB-05 | WS2CI VALVE UP M I-B | 25 | 820 | | |
| V2CIDTA-05 | WS2CI VALVE DN T I-A | 25 | 820 | | |
| V2CIDTB-05 | WS2CI VALVE DN T I-B | 25 | 820 | | |
| V2CIDTC-05 | WS2CI VALVE DN T I-C | 25 | 820 | | |
| V2CIDTD-05 | WS2CI VALVE DN T I-D | 25 | 820 | | |
| V2CIDTE-05 | WS2CI VALVE DN T I-E | 25 | 820 | | |
| V2CIDTF-05 | WS2CI VALVE DN T I-F | 25 | 820 | | |
| V2CIDTG-05 | WS2CI VALVE DN T I-G | 25 | 820 | | |
| V2CIBMZ-05 | WS2CI VALVE BW M I-Z | 25 | 820 | | |
| V2CIBTZ-05 | WS2CI VALVE BW T I-Z | 25 | 820 | | |



CLACK VALVE WS2CI

| Ref | Softening System/Filter | Ø Bombola | Downflow/Upflow | Meter | Valvola di Miscelazione |
|------------|-------------------------|-----------|-----------------|--------------|-------------------------|
| V2CIDMD-05 | Softening System | 30" | Downflow | included | Not included |
| V2CIDME-05 | Softening System | 36" | Downflow | included | Not included |
| V2CIDMF-05 | Softening System | 42" | Downflow | included | Not included |
| V2CIDMG-05 | Softening System | 48" | Downflow | included | Not included |
| V2CIUMA-05 | Softening System | 24" | Upflow | included | Not included |
| V2CIUMB-05 | Softening System | 30" | Upflow | included | Not included |
| V2CIDTA-05 | Softening System | 18" | Downflow | Not included | Not included |
| V2CIDTB-05 | Softening System | 21" | Downflow | Not included | Not included |
| V2CIDTC-05 | Softening System | 24" | Downflow | Not included | Not included |
| V2CIDTD-05 | Softening System | 30" | Downflow | Not included | Not included |
| V2CIDTE-05 | Softening System | 36" | Downflow | Not included | Not included |
| V2CIDTF-05 | Softening System | 42" | Downflow | Not included | Not included |
| V2CIDTG-05 | Softening System | 48" | Downflow | Not included | Not included |
| V2CIBMZ-05 | Filter | N/A | Backwash | included | Not included |
| V2CIBTZ-05 | Filter | N/A | Backwash | Not included | Not included |

NOTE:Controls listed are priced without a power cord or transformer. For AC Adapter (Transformer) selection see "ACCESSORIES" section (V3186-XX). Drain Line Flow Controls (DLFC) washer is not included. Please order separately. For 3/4" drain fitting (V3158-04), Flow rates 0.07 - 10.0 gpm: reference order numbers V3162-007 through V3162-100. For 1" drain fitting (V3008-05), Flow rates 9.0 - 25.0 gpm: reference order numbers V3190-090 through V3190-250. For 1.5" x 1.5" drain fittings (V3080BSPT), Flow rates 9 to 85 gpm: reference order numbers V3162-007 through V3162-100, and V3190-090 through V3190-250. 50 mm Top Distributor is not included. Please order separately: reference order numbers V-D1199-04 or V-D1300. Power Rechargeable Battery Pack Option: Control Valves listed can be used with a rechargeable battery pack and custom PC board. This battery pack can be recharged with the normal transformer for applications with a unstable power grid. Price Adder 118,43 euro. Sun Battery Pack Option: Control Valves listed can be used with a rechargeable battery pack and custom PC board. This battery pack can be recharged with a solar panel for applications with no electrical power. Price Adder 183,02 euro.

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| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| ACS CE | Clack | Commercial, Industrial |



CLACK VALVE WS2CI

| SPECIFIC | | CONTROL VALVE FLOW RATES | |
|----------------|--------------------|---|-----------|
| Inlet/Outlet | 2 female BSPT | Service Δp 1 bar/15 psi drop | 26,1 m³/h |
| Cycles | Up to 9 | Backwash Δp 1.7 bar/25 psi drop | 18,2 m³/h |
| Valve Material | Lead free brass | Cv Service | 29,7 |
| Regeneration | Downflow or Upflow | Cv Backwash | 16,0 |

| OPERATING PRESSURES | | OPERATING TEMPERATURES | |
|---------------------|---------------|------------------------|------------|
| Minimum/Maximum | 1,4 ÷ 8,6 bar | Minimum/Maximum | 4° ÷ 43° C |

| METER SPECIFICATIONS | | | |
|----------------------|-----------------|------------------------------|---|
| Accuracy | ± 5% | Distributor Pilot | 50 mm OD |
| Flow Rate Range | 5,7 ÷ 568 lpm | Drain line connection | 1,5" Female NPT |
| Volume Range | 0,02 ÷ 5.700 m³ | Brine Line Adapters Included | 1" Male NPT elbow, ¾" x 1" solvent weld elbow and 1/2" OD Poly Tube Compression |
| Totalizer | 1 - 99.999 m³ | Mounting Base | 4" - 8 UN |
| | | Height From Top Of Tank | 216 mm |
| | | Shipping Weight With Meter | 13 kg |

| ELECTRICAL SPECIFICATIONS | | TANK APPLICATIONS | |
|---------------------------|--------------------|-------------------|--------------------|
| Supply Voltage | 200V AC to 240V AC | Water Softener | 12" ÷ 48" diameter |
| Supply Frequency | 50/60 Hz | Water Filter | 12" ÷ 36" diameter |
| Output Voltage | 15VDC | | |
| Output Current | 500 mA | | |

| CYCLES OF OPERATION | |
|--|------------------|
| Choose up to nine regeneration cycles, in any order, with a wide range of available values | |
| Backwash | 1 ÷ 120 minutes |
| Rinse | 1 ÷ 120 minutes |
| Pause (service) | 1 ÷ 480 minutes |
| Brine (co-current) | 1 ÷ 180 minutes |
| Refill (softener) | 0,1 ÷ 99 minutes |
| Refill (filter) | 0,1 ÷ 99 minutes |

Options: Backwash Filter, Weather Cover

Compatible with the following typical concentrations of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines



CLACK VALVE WS2CI QC

CONTROL VALVE



- Single valve, available also for twin alternating, twin parallel and multitank systems
- Transformer, Drain Line Flow Control (DLFC) washer, Top Distributor and accessories not included, to order separately
- 2" top mount or side mount control valve suited for commercial/industrial applications
- Epoxy coated lead free brass valve body
- Economical stainless steel optional meter assembly
- Solid state microprocessor with easy access front panel settings
- Front panel display for time of day, days until next regeneration, volume remaining and current flow rate
- Four methods to initiate regeneration; meter immediate, meter delayed, time clock delayed or pressure differential
- Program in ppm, French degrees, German degrees, or cubic meters
- Fully programmable regeneration cycle sequence (maximum 9)
- Programmable regeneration cycle times
- Days override feature; 1-28 days available
- Coin Cell Lithium battery back-up with an 24 hour carry over
- Level VI 15-volt output DC power supply provides safe and easy installation
- Pre or Post treated water regenerant refill
- 24 Hour Clock
- Reliable and proven DC drive
- Certified to NSF/ANSI 44, 61 and 372

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|-------------------------|------|----------|-------------|--|
| V2CIDMA-18 | WS2CI VALVE DN M I-A QC | 25 | 820 | | |
| V2CIDMB-18 | WS2CI VALVE DN M I-B QC | 25 | 820 | | |
| V2CIDMC-18 | WS2CI VALVE DN M I-C QC | 25 | 820 | | |
| V2CIDMD-18 | WS2CI VALVE DN M I-D QC | 25 | 820 | | |
| V2CIDME-18 | WS2CI VALVE DN M I-E QC | 25 | 820 | | |
| V2CIDMF-18 | WS2CI VALVE DN M I-F QC | 25 | 820 | | |
| V2CIDMG-18 | WS2CI VALVE DN M I-G QC | 25 | 820 | | |
| V2CIUMA-18 | WS2CI VALVE UP M I-A QC | 25 | 820 | | |
| V2CIUMB-18 | WS2CI VALVE UP M I-B QC | 25 | 820 | | |
| V2CIDTA-18 | WS2CI VALVE DN T I-A QC | 25 | 820 | | |
| V2CIDTB-18 | WS2CI VALVE DN T I-B QC | 25 | 820 | | |
| V2CIDTC-18 | WS2CI VALVE DN T I-C QC | 25 | 820 | | |
| V2CIDTD-18 | WS2CI VALVE DN T I-D QC | 25 | 820 | | |
| V2CIDTE-18 | WS2CI VALVE DN T I-E QC | 25 | 820 | | |
| V2CIDTF-18 | WS2CI VALVE DN T I-F QC | 25 | 820 | | |
| V2CIDTG-18 | WS2CI VALVE DN T I-G QC | 25 | 820 | | |
| V2CIBMZ-18 | WS2CI VALVE BW M I-Z QC | 25 | 820 | | |
| V2CIBTZ-18 | WS2CI VALVE BW T I-Z QC | 25 | 820 | | |

When using the WS2CI/QC Control Valve, one of the following Tank Base Assemblies must be ordered, to complete the Control Valve:

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|--|------|----------|-------------|--|
| V3064 | WS2H/2 QC 4" BASE ASSEMBLY | 25 | 850 | | |
| V3055 | WS2H/2 QC 6" FLANGE BASE ASSEMBLY | 25 | 850 | | |
| V3260BSPT-02 | WS2H/2 QC 2" SIDE MOUNT BASE ASSEMBLY BSPT | 25 | 850 | | |



CLACK VALVE WS2CI QC

| Ref | Softening System/Filter | Ø Injector Tank Size | Downflow/Upflow | Meter | Mixing Valve |
|------------|-------------------------|----------------------|-----------------|--------------|--------------|
| V2CIDMA-18 | Softening System | 18" | Downflow | included | Not included |
| V2CIDMB-18 | Softening System | 21" | Downflow | included | Not included |
| V2CIDMC-18 | Softening System | 24" | Downflow | included | Not included |
| V2CIDMD-18 | Softening System | 30" | Downflow | included | Not included |
| V2CIDME-18 | Softening System | 36" | Downflow | included | Not included |
| V2CIDMF-18 | Softening System | 42" | Downflow | included | Not included |
| V2CIDMG-18 | Softening System | 48" | Downflow | included | Not included |
| V2CIUMA-18 | Softening System | 24" | Upflow | included | Not included |
| V2CIUMB-18 | Softening System | 30" | Upflow | included | Not included |
| V2CIDTA-18 | Softening System | 18" | Downflow | Not included | Not included |
| V2CIDTB-18 | Softening System | 21" | Downflow | Not included | Not included |
| V2CIDTC-18 | Softening System | 24" | Downflow | Not included | Not included |
| V2CIDTD-18 | Softening System | 30" | Downflow | Not included | Not included |
| V2CIDTE-18 | Softening System | 36" | Downflow | Not included | Not included |
| V2CIDTF-18 | Softening System | 42" | Downflow | Not included | Not included |
| V2CIDTG-18 | Softening System | 48" | Downflow | Not included | Not included |
| V2CIBMZ-18 | Filter | N/A | Backwash | included | Not included |
| V2CIBTZ-18 | Filter | N/A | Backwash | Not included | Not included |

NOTE: Controls listed are priced without a power cord or transformer. For AC Adapter (Transformer) selection see "ACCESSORIES" section (V3186-XX). Drain Line Flow Controls (DLFC) washer is not included. Please order separately. For 3/4" drain fitting (V3158-04), Flow rates 0.07 - 10.0 gpm: reference order numbers V3162-007 through V3162-100. For 1" drain fitting (V3008-05), Flow rates 9.0 - 25.0 gpm: reference order numbers V3190-090 through V3190-250. For 1.5" x 1.5" drain fittings (V3080BSPT), Flow rates 9 to 85 gpm: reference order numbers V3162-007 through V3162-100, and V3190-090 through V3190-250. 63 mm Top Distributor is not included. Please order separately: reference order numbers V-D1199-05 or V-D1200-04. Power Rechargeable Battery Pack Option: Control Valves listed can be used with a rechargeable battery pack and custom PC board. This battery pack can be recharged with the normal transformer for applications with a unstable power grid. Price Adder 118,43 euro. Sun Battery Pack Option: Control Valves listed can be used with a rechargeable battery pack and custom PC board. This battery pack can be recharged with a solar panel for applications with no electrical power. Price Adder 183,02 euro

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| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| ACS CE | Clack | Commercial, Industrial |



CLACK VALVE WS2CIQC

| SPECIFIC | | CONTROL VALVE FLOW RATES | |
|----------------|--------------------|---|-----------|
| Inlet/Outlet | 2" female BSPT | Service Δp 1 bar/15 psi drop | 28,4 m³/h |
| Cycles | Up to 9 | Backwash Δp 1.7 bar/25 psi drop | 19,3 m³/h |
| Valve Material | Lead free brass | Cv Service | 32,3 |
| Regeneration | Downflow or Upflow | Cv Backwash | 17,0 |

| OPERATING PRESSURES | | OPERATING TEMPERATURES | |
|---------------------|---------------|------------------------|------------|
| Minimum/Maximum | 1,4 ÷ 8,6 bar | Minimum/Maximum | 4° ÷ 43° C |

| METER SPECIFICATIONS | | | |
|----------------------|-----------------|--|---|
| Accuracy | ± 5% | Distributor Pilot | 63 mm OD |
| Flow Rate Range | 5,7 ÷ 568 lpm | Drain line connection | 1,5" Female NPT |
| Volume Range | 0,02 ÷ 5.700 m³ | Brine Line Adapters Included | 3/4"x 1" solvent weld elbow and 1/2" OD Poly Tube Compression |
| Totalizer | 1 - 99.999 m³ | Mounting Base | 4" - 8 UN, 6" Flange or Side Mount |
| | | Height From Top Of Tank with 4" - 8 UN QC Base | 284,5 mm |
| | | Height From Top Of Tank with 6" Flange QC Base | 287,0 mm |
| | | Weight | 14 kg |

| ELECTRICAL SPECIFICATIONS | | TANK APPLICATIONS | |
|---------------------------|--------------------|-------------------|--------------------|
| Supply Voltage | 200V AC to 240V AC | Water Softener | 12" ÷ 48" diameter |
| Supply Frequency | 50/60 Hz | Water Filter | 12" ÷ 36" diameter |
| Output Voltage | 15VDC | | |
| Output Current | 500 mA | | |

| CYCLES OF OPERATION | |
|---|------------------|
| Choose up to nine regeneration cycles, in any order, with a wide range of available values: Cycle | |
| Backwash | 1 ÷ 120 minutes |
| Rinse | 1 ÷ 120 minutes |
| Pause (service) | 1 ÷ 480 minutes |
| Brine (co-current) | 1 ÷ 180 minutes |
| Refill (softener) | 0,1 ÷ 99 minutes |
| Refill (filter) | 0,1 ÷ 99 minutes |

Options: Backwash Filter, Weather Cover

Compatible with the following typical concentrations of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines.



CLACK VALVE WS2H



CONTROL VALVE

- 2" top mount or side mount control valve suited for industrial applications
- Transformer, Drain Line Flow Control (DLFC) washer, Top Distributor and accessories not included, to order separately
- Epoxy coated lead free brass valve body
- Built-in Internal Flow Meter standard with all valves
- Solid state microprocessor with easy access front removable POD
- Front panel display for Time of Day, Current Flow Rate, Totalizer and Volume/Days until Regeneration
- Four methods to initiate the down flow regeneration; meter delayed, meter immediate, time clock delayed, or pressure differential
- Fully programmable regeneration cycle sequences (maximum 9)
- Fully programmable regeneration cycle times
- Pre or Post treated water regenerator refill
- Days override feature; 1-28 days available
- Stores system configuration and operation data in nonvolatile memory
- Capacitor back-up with a 24 hour carry over
- Level VI 18-volt output DC power supply provides safe and easy installation
- Reliable and proven DC drive
- Certified to NSF/ANSI 44, 61 and 372

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|---------------------|------|----------|-------------|--|
| V2HMDA-05 | WS2H VALVE DN M I-A | 25 | 840 | | |
| V2HDMB-05 | WS2H VALVE DN M I-B | 25 | 840 | | |
| V2HDMC-05 | WS2H VALVE DN M I-C | 25 | 840 | | |
| V2HMDM-05 | WS2H VALVE DN M I-D | 25 | 840 | | |
| V2HDME-05 | WS2H VALVE DN M I-E | 25 | 840 | | |
| V2HDMF-05 | WS2H VALVE DN M I-F | 25 | 840 | | |
| V2HDMG-05 | WS2H VALVE DN M I-G | 25 | 840 | | |
| V2HDMH-05 | WS2H VALVE DN M I-H | 25 | 840 | | |
| V2HBMZ-05 | WS2H VALVE BW M I-Z | 25 | 840 | | |

When using the WS2H Control Valve, one of the following Tank Base Assemblies must be ordered, to complete the Control Valve:

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|--|------|----------|-------------|--|
| V3064 | WS2H/2 QC 4" BASE ASSEMBLY | 25 | 850 | | |
| V3055 | WS2H/2 QC 6" FLANGE BASE ASSEMBLY | 25 | 850 | | |
| V3260BSPT-02 | WS2H/2 QC 2" SIDE MOUNT BASE ASSEMBLY BSPT | 25 | 850 | | |



CLACK VALVE WS2H

| Ref | Softening System/Filter | Ø Injector Tank Size | Downflow/Upflow | Meter | Mixing Valve |
|-----------|-------------------------|----------------------|-----------------|--------------|--------------|
| V2HDMA-05 | Softening System | 12" | Downflow | included | Not included |
| V2HDMB-05 | Softening System | 14" | Downflow | included | Not included |
| V2HDMC-05 | Softening System | 18" | Downflow | included | Not included |
| V2HDMD-05 | Softening System | 21" | Downflow | included | Not included |
| V2HDME-05 | Softening System | 14" | Upflow | included | Not included |
| V2HDMF-05 | Softening System | 18" | Upflow | included | Not included |
| V2HDMG-05 | Softening System | 14" | Downflow | Not included | Not included |
| V2HDMH-05 | Softening System | 18" | Downflow | Not included | Not included |
| V2HBMZ-05 | Softening System | 21" | Downflow | Not included | Not included |

NOTE: All WS2H Control Valves listed above come standard with a V3162-022, 2.2 gpm Brine Line Flow Control (BLFC). Other sizes are available. Controls listed are priced without a power cord or transformer. For AC Adapter (Transformer) selection see "ACCESSORIES" section (V3461XX-01). Drain Line Flow Controls (DLFC) washer is not included. Please order separately. The V3051BSPT DLFC Assembly BSPT is capable of up to 4 - V3190-XXX Flow Controls and 5 - V3162-XXX Flow Controls for a total flow rate of 150 gpm. For 3/4" DLFC buttons, reference order numbers V3162-007 through V3162-100. For 1" DLFC buttons, reference order numbers V3190-090 through V3190-250. 63 mm Top Distributor is not included. Please order separately: reference order numbers V-D1199-05 or V-D1200-04.

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| Certificates | | Manufacturer | Sectors | | |
| ACS CE | | Clack | Industrial | | |



CLACK VALVE WS2H

| SPECIFIC | | CONTROL VALVE FLOW RATES | |
|----------------|------------------------------------|---|-----------|
| Inlet/Outlet | 2" female BSPT or 2.5" Groove Lock | Service Δp 15 psi/1 bar drop (includes meter) | 28,4 m³/h |
| Cycles | Up to 9 | Backwash Δp 25 psi/1.7 bar drop | 28,4 m³/h |
| Valve Material | Lead free brass | Cv Service | 32,3 |
| Regeneration | Downflow | Cv Backwash | 25,0 |

| OPERATING PRESSURES | | OPERATING TEMPERATURES | |
|---------------------|---------------|------------------------|------------|
| Minimum/Maximum | 1,4 ÷ 8,6 bar | Minimum/Maximum | 4° ÷ 43° C |

| METER SPECIFICATIONS | | | |
|----------------------|--------------------|--|--|
| Accuracy | ± 5% | Distributor Pilot | 63 mm OD |
| Flow Rate Range | 5,7 ÷ 743 lpm | Drain line connection | 2" Female BSPT |
| Volume Range | 0,038 ÷ 3.796 m³ | Brine Line Adapters Included | 1" Male NPT elbow and 3/4" x 1" solvent weld elbow 1/2" or 5/8" OD Poly Tube Compression |
| Totalizer | 3,8 - 3.785.000 m³ | Mounting Base | 4" - 8 UN6" Flange or Side Mount |
| | | Height From Top Of Tank with 4" - 8 UN QC Base | 292,0 mm |
| | | Height From Top Of Tank with 6" Flange QC Base | 294,6 mm |
| | | Shipping Weight With Internal Meter | 22,7 kg |

| ELECTRICAL SPECIFICATIONS | | TANK APPLICATIONS | |
|---------------------------|--------------------|-------------------|--------------------|
| Supply Voltage | 200V AC to 240V AC | Water Softener | 18" ÷ 63" diameter |
| Supply Frequency | 50/60 Hz | Water Filter | 18" ÷ 48" diameter |
| Output Voltage | 15VDC | | |
| Output Current | 500 mA | | |

| | |
|--|------------------|
| CYCLES OF OPERATION Choose up to nine regeneration cycles, in any order, with a wide range of available values: Cycle | |
| Backwash | 1 ÷ 95 minutes |
| Brine (draw) | 1 ÷ 180 minutes |
| Slow Rinse | 1 ÷ 95 minutes |
| Fast Rinse | 1 ÷ 95 minutes |
| Refill | 0,1 ÷ 99 minutes |
| Hold (service) | 1 - 480 minutes |

Options: Backwash Filter, Weather Cover

Compatible with the following typical concentrations of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines.



CLACK VALVE WS3

CONTROL VALVE



- 3" top mount or side mount control valve suited for industrial applications
- Transformer, Drain Line Flow Control (DLFC) washer, Top Distributor and accessories not included, to order separately;
- Epoxy coated lead free brass valve body;
- Economical stainless steel optional meter assembly;
- Built-in Internal Flow Meter standard with all valves;
- Solid state microprocessor with easy access front removable POD;
- Front panel display for Time of Day, Current Flow Rate, Totalizer and Volume/Days until Regeneration
- Four methods to initiate the down flow regeneration; meter delayed, meter immediate, time clock delayed, or pressure differential
- Fully programmable regeneration cycle sequences (maximum 9)
- Fully programmable regeneration cycle times
- Pre or Post treated water regenerator refill
- Days override feature; 1-28 days available
- Stores system configuration and operation data in nonvolatile memory
- Capacitor back-up with a 24 hour carry over
- Level VI 18-volt output DC power supply provides safe and easy installation
- Reliable and proven DC drive
- Certified to NSF/ANSI 44, 61 and 372

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|----------|--------------------|------|----------|-------------|--|
| V3DTA-05 | WS3 VALVE DN T I-A | 25 | 845 | | |
| V3DTB-05 | WS3 VALVE DN T I-B | 25 | 845 | | |
| V3DTC-05 | WS3 VALVE DN T I-C | 25 | 845 | | |
| V3DTD-05 | WS3 VALVE DN T I-D | 25 | 845 | | |
| V3DTE-05 | WS3 VALVE DN T I-E | 25 | 845 | | |
| V3DTF-05 | WS3 VALVE DN T I-F | 25 | 845 | | |
| V3DTG-05 | WS3 VALVE DN T I-G | 25 | 845 | | |
| V3DTH-05 | WS3 VALVE DN T I-H | 25 | 845 | | |
| V3BTZ-05 | WS3 VALVE BW T I-Z | 25 | 845 | | |

When using the WS3 Control Valve, one of the following Tank Base Assemblies must be ordered, to complete the Control Valve:

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|-----------------------------------|------|----------|-------------|--|
| V3090 | WS3 6" FLANGE BASE ASSEMBLY | 25 | 850 | | |
| V3674BSPT-02 | WS3 SIDE MOUNT BASE ASSEMBLY BSPT | 25 | 850 | | |



CLACK VALVE WS3

| Ref | Softening System/Filter | Ø Injector Tank Size | Downflow/Upflow | Meter | Mixing Valve |
|----------|-------------------------|----------------------|-----------------|--------------|--------------|
| V3DTA-05 | Softening System | 18" | Downflow | Not included | Not included |
| V3DTB-05 | Softening System | 21" | Downflow | Not included | Not included |
| V3DTC-05 | Softening System | 24" | Downflow | Not included | Not included |
| V3DTD-05 | Softening System | 30" | Downflow | Not included | Not included |
| V3DTE-05 | Softening System | 36" | Downflow | Not included | Not included |
| V3DTF-05 | Softening System | 42" | Downflow | Not included | Not included |
| V3DTG-05 | Softening System | 48" | Downflow | Not included | Not included |
| V3DTH-05 | Softening System | 63" | Downflow | Not included | Not included |
| V3BTZ-05 | Filter | N/A | Backwash | Not included | Not included |

NOTE: All WS3 Control Valves listed above come standard with a V3162-022, 2.2 gpm Brine Line Flow Control (BLFC). Other sizes are available. Controls listed are priced without a power cord or transformer. For AC Adapter (Transformer) selection see "ACCESSORIES" section (V3461XX-01). Drain Line Flow Controls (DLFC) washer is not included. Please order separately. For the 3" drain fittings (V3764BSPT), Flow rates 9 to 225 gpm: uses up to 9 of the 1" DLFC buttons, reference order numbers V3190-090 through V3190-250. 90 mm Top Distributor is not included. Please order separately.

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | 1 | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| ACS CE | Clack | Industrial |



CLACK VALVE WS3

| SPECIFIC | | CONTROL VALVE FLOW RATES | |
|----------------|-----------------|---|------------------------|
| Inlet/Outlet | 3" female BSPT | Service Δp 15 psi/1 bar drop | 56,8 m ³ /h |
| Cycles | Up to 9 | Backwash Δp 25 psi/1.7 bar drop | 50,0 m ³ /h |
| Valve Material | Lead free brass | Cv Service | 44,6 |
| Regeneration | Downflow | Cv Backwash | 44,0 |

| OPERATING PRESSURES | | OPERATING TEMPERATURES | |
|---------------------|---------------|------------------------|------------|
| Minimum/Maximum | 1,4 ÷ 8,6 bar | Minimum/Maximum | 4° ÷ 43° C |

| METER SPECIFICATIONS | | | |
|----------------------|------------------------------------|--|---|
| Accuracy | ± 5% | Distributor tube O. D. diameter | 90 mm OD |
| Flow Rate Range | 13,3 ÷ 1.325 lpm | Drain line connection | 3" BSPT |
| Volume Range | (3.786 - 3.785.407,9 liters x1000) | Brine Line Adapters Included | 1 Male NPT elbow and 3/4" x 1" solvent weld elbow |
| | | Mounting Base | 6" Flange or Side Mount |
| | | Height From Top Of Tank with 6" Flange QC Base | 318 mm |
| | | Shipping Weight Without Optional Meter | 25,9 kg |

| ELECTRICAL SPECIFICATIONS | | TANK APPLICATIONS | |
|---------------------------|--------------------|-------------------|--------------------|
| Supply Voltage | 200V AC to 240V AC | Water Softener | 18" ÷ 63" diameter |
| Supply Frequency | 50/60 Hz | Water Filter | 18" ÷ 63" diameter |
| Output Voltage | 15VDC | | |
| Output Current | 500 mA | | |

| CYCLES OF OPERATION | |
|--|-------------------|
| Choose up to nine regeneration cycles, in any order, with a wide range of available values | |
| Backwash | 1 ÷ 95 minutes |
| Brine | 1 ÷ 180 minutes |
| Slow Rinse | 1 ÷ 95 minutes |
| Fast Rinse | 1 ÷ 95 minutes |
| Refill | 0,1 ÷ 99 minutes |
| Hold (service) | 0,1 ÷ 480 minutes |

Options: Backwash Filter

Compatible with the following typical concentrations of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines.



CLACK VALVE: WS1CI, WS1CI TWIN, WS1EI, WS1EI TWIN, WS1TC, WS125TC,
WS125CI, WS125EI, WS15CI, WS15EI, WS2CI, WS2EI, WS2CI/QC, WS2EI/QC

ACCESSORIES

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|--|------|----------|-------------|--|
| V3006 | WS1 BYPASS ASSEMBLY | 15 | 760 | | |
| V3007 | WS1 FITTING 1" PVC MALE NPT ELBOW ASSEMBLY | 15 | 760 | | |
| V3007-01 | WS1 FITTING 3/4" X 1" PVC SOLVENT ELBOW ASSEMBLY | 15 | 760 | | |
| V3007-02LF | WS1 FITTING 1" BRASS SWEAT ASSEMBLY LF | 15 | 760 | | |
| V3007-03LF | WS1 FITTING 3/4" BRASS SWEAT ASSEMBLY LF | 15 | 760 | | |
| V3007-06 | WS1 FITTING 1" PLASTIC MALE BSPT ASSEMBLY | 15 | 760 | | |
| V3007-07 | WS1 FITTING 1.25" & 1.5" PVC SOLVENT ASSEMBLY | 15 | 760 | | |
| V3007-08 | WS1 FITTING 1.25" PLASTIC MALE BSPT ASSEMBLY | 15 | 760 | | |
| V3007-09LF | WS1 FITTING 1-1/4" & 1-1/2" BRASS SWEAT ASSY LF | 15 | 760 | | |
| V3007-14 | WS1 FITTING 3/4" PLASTIC MALE BSPT ASSEMBLY | 15 | 760 | | |
| V3007-15 | WS1 FITTING 3/4" JOHN GUEST QC ELBOW ASSEMBLY | 15 | 760 | | |
| V3007-16 | WS1 FITTING 1" PVC MALE BSPT 90 ASSEMBLY | 15 | 760 | | |
| V3007-17 | WS1 FITTING 1" JOHN GUEST QC ASSEMBLY | 15 | 760 | | |
| V3007-19 | WS1 FITTING 3/4" STRAIGHT JOHN GUEST QC | 15 | 760 | | |
| V3008-02 | WS1 DRAIN FITTING 1" STRAIGHT W/SILENCER | 15 | 760 | | |
| V3008-04 | WS1 DRAIN FITTING 1" STRAIGHT W/SILENCER | 15 | 760 | | |
| V3008-05 | WS2 DRAIN FITTING 1" MALE NPT STRAIGHT W/O SILENCER | 25 | 850 | | |
| V3009 | WS1 AUXILIARY MICROSWITCH ASSEMBLY | 15 | 760 | | |
| V3009 | WS1 AUXILIARY MICROSWITCH ASSEMBLY | 15 | 760 | | |
| V3009 | WS1 AUXILIARY MICROSWITCH ASSEMBLY | 15 | 760 | | |
| V3014 | WS1 SERIES MICROSWITCH ASSEMBLY | 15 | 760 | | |
| V3017 | WS2 SERVICE OR FILL SWITCH ASSEMBLY | 25 | 850 | | |
| V3022 | WS1 STACK PULLER ASSEMBLY | 15 | 760 | | |
| V3030-01 | SYSTEM CONTROLLER BOX | 15 | 760 | | |
| V3040BSPT | WS1.5 METER ASSEMBLY BSPT | 25 | 850 | | |
| V3040BSPT-15 | WS1.5 METER ASSEMBLY BSPT 15 FOOT METER CABLE | 25 | 850 | | |
| V3051BSPT | WS2H/3 DLFC ASSY 2 M-BSPT X 2 F-BSPT (NO DLFC BUTTONS) | 25 | 850 | | |
| V3053 | WS2 2-1/2" GROOVE LOCK CLAMP ASSEMBLY | 25 | 850 | | |
| V3055 | WS2H/2 QC 6" FLANGE BASE ASSEMBLY | 25 | 850 | | |
| V3064 | WS2H/2 QC 4" BASE ASSEMBLY | 25 | 850 | | |
| V3069FF-01 | WS1/125 MAV FEMALE X FEMALE 3-WIRE | 15 | 760 | | |
| V3069MM-01 | WS1/125 MAV MALE X MALE 3-WIRE | 15 | 760 | | |

CLACK VALVE: WS1CI, WS1CI TWIN, WS1EI, WS1EI TWIN, WS1TC, WS125TC,
WS125CI, WS125EI, WS15CI, WS15EI, WS2CI, WS2EI, WS2CI/QC, WS2EI/QC

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------------|---|------|----------|-------------|--|
| V3190-090 | WS1 DLFC 090 (9.0 GPM) FOR 1" | 25 | 850 | | |
| V3190-100 | WS1 DLFC 100 (10.0 GPM) FOR 1" | 25 | 850 | | |
| V3190-110 | WS1 DLFC 110 (11.0 GPM) FOR 1" | 25 | 850 | | |
| V3190-130 | WS1 DLFC 130 (13.0 GPM) FOR 1" | 25 | 850 | | |
| V3190-150 | WS1 DLFC 150 (15.0 GPM) FOR 1" | 25 | 850 | | |
| V3190-170 | WS1 DLFC 170 (17.0 GPM) FOR 1" | 25 | 850 | | |
| V3190-200 | WS1 DLFC 170 (17.0 GPM) FOR 1" | 25 | 850 | | |
| V3190-250 | WS1 DLFC 250 (25.0 GPM) FOR 1" | 25 | 850 | | |
| V3191-01 | WS1 BYPASS VERTICAL ADAPTER ASSEMBLY | 15 | 760 | | |
| V3192 | WS1 NUT 3/4" DRAIN ELBOW (FOR 5/8" X 1/2" POLYTUBE) | 15 | 760 | | |
| V3193-02 | WS1 SERVICE SPANNER WRENCH | 15 | 760 | | |
| V3260BSPT-02 | WS2H/2 QC 2" SIDE MOUNT BASE ASSEMBLY BSPT | 25 | 850 | | |
| V3467 | WS1 BY PASS INLINE ADAPTER FITTINGS | 15 | 760 | | |
| V3474 | WS ALTERNATING CONNECTION CORD 8' BLACK FOR SINGLE METER (3 WIRE INTERCO) | 25 | 860 | | |
| V3475-12 | WS2H/3 SYSTEM CONNECTION CORD 12' RED | 25 | 850 | | |
| V3475-24 | WS2H/3 SYSTEM CONNECTION CORD 24' BLUE | 25 | 850 | | |
| V3475-36 | WS2H/3 SYSTEM CONNECTION CORD 36' YELLOW | 25 | 850 | | |
| V3478 | WS1 INLINE BYPASS ASSEMBLY 1" BRASS SWEAT | 15 | 760 | | |
| V3478-01 | WS1 INLINE BYPASS ASSEMBLY 3/4" BRASS SWEAT | 15 | 760 | | |
| V3783WC-A | WS2 WEATHER COVER ALMOND | 25 | 850 | | |
| V3783WC-W | WS2 WEATHER COVER WHITE | 25 | 850 | | |
| V3974WC-A | WS15 WEATHER COVER ALMOND GENERATION 2 | 25 | 850 | | |
| V3962 | WS1 DRAIN ELBOW & RETAINER ASSY W/O SILENCER | 15 | 760 | | |
| V3974WC-W | WS15 WEATHER COVER WHITE GENERATION 2 | 25 | 850 | | |
| V4052-01 | TT TWIN TANK INTERCONNECT KIT FOR 12"-21" TANKS | 15 | 760 | | |
| V4057 | WS1 DRAIN ELBOW & RETAINER ASSY W/SILENCER | 15 | 760 | | |
| V4099 | WS1 EXTERNAL IN-LINE MIXING VALVE | 15 | 760 | | |
| V4276-15 | 15' POWER CORD | 15 | 760 | | |
| V4276-36 | 36' POWER CORD | 15 | 760 | | |
| V4325 | SOFTWARE CONFIGURATOR PROGRAM | 15 | 760 | | |
| V-D1199-04 | TOP STACK DISTRIBUTOR 50 MM | 25 | 850 | | |
| V-D1199-05 | TOP STACK DISTRIBUTOR 63 MM | 25 | 850 | | |
| V-D1200-04 | TOP STACK DISTRIBUTOR 63 MM FOR FLANGE TANKS | 25 | 850 | | |
| V-D1203-03 | UPPER SCREEN 32 MM-TWIST LOCK | 15 | 760 | | |
| V-D1300 | TOP BAFFLE DISTRIBUTOR 50 MM | 25 | 850 | | |
| V-PKP10TS8-BULK | POLYTUBE INSERT 5/8" - "FOR DRAIN LINE WITH V3192 NUT" | 15 | 760 | | |



CLACK VALVE: WS2H, WS3

ACCESSORIES

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|--|------|----------|-------------|--|
| V3051BSPT | WS2H/3 DLFC ASSY 2 M-BSPT X 2 F-BSPT (NO DLFC BUTTONS) | 25 | 850 | | |
| V3053 | WS2 2-1/2" GROOVE LOCK CLAMP ASSEMBLY | 25 | 850 | | |
| V3055 | WS2H/2 QC 6" FLANGE BASE ASSEMBLY | 25 | 850 | | |
| V3064 | WS2H/2 QC 4" BASE ASSEMBLY | 25 | 850 | | |
| V3076BSPT | WS2 MAV BSPT REVISION 2 (PISTON STYLE) | 25 | 850 | | |
| V3116-06 | LABEL FOR INJECTOR PLUG | 15 | 770 | | |
| V3080BSPT | WS2 DLFC ASSY 1.5 M-NPT X 1.5 F-BSPT (NO DLFC BUTTONS) | 25 | 850 | | |
| V3083BSPT | WS3 MOTORIZED ALTERNATING VALVE BSPT | 25 | 850 | | |
| V3090 | WS3 6" FLANGE BASE ASSEMBLY | 25 | 850 | | |
| V3095BSPT | WS3 3" METER ASSEMBLY BSPT MALE X FEMALE | 25 | 850 | | |
| V3095BSPT-15 | WS3 MOTORIZED ALTERNATING VALVE BSPT | 25 | 850 | | |
| V3098BSPT | 2" NO HARD WATER BYPASS MALE X FEMALE BSPT | 25 | 850 | | |
| V3099BSPT | WS3 NO HARD WATER BYPASS MALE X FEMALE BSPT | 25 | 850 | | |
| V3162-007 | WS1 DLFC 007 (0.7 GPM) FOR 3/4" | 15 | 760 | | |
| V3162-010 | WS1 DLFC 010 (1.0 GPM) FOR 3/4" | 15 | 760 | | |
| V3162-013 | WS1 DLFC 013 (1.3 GPM) FOR 3/4" | 15 | 760 | | |
| V3162-017 | WS1 DLFC 017 (1.7 GPM) FOR 3/4" | 15 | 760 | | |
| V3162-022 | WS1 DLFC 022 (2.2 GPM) FOR 3/4" | 15 | 760 | | |
| V3162-027 | WS1 DLFC 027 (2.7 GPM) FOR 3/4" | 15 | 760 | | |
| V3162-032 | WS1 DLFC 032 (3.2 GPM) FOR 3/4" | 15 | 760 | | |
| V3162-042 | WS1 DLFC 042 (4.2 GPM) FOR 3/4" | 15 | 760 | | |
| V3162-053 | WS1 DLFC 053 (5.3 GPM) FOR 3/4" | 15 | 760 | | |
| V3162-065 | WS1 DLFC 065 (6.5 GPM) FOR 3/4" | 15 | 760 | | |
| V3162-075 | WS1 DLFC 075 (7.5 GPM) FOR 3/4" | 15 | 760 | | |
| V3162-090 | WS1 DLFC 090 (9.0 GPM) FOR 3/4" | 15 | 760 | | |



CLACK VALVE: WS2H, WS3

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------------|---|------|----------|-------------|--|
| V3162-100 | WS1 DLFC 100 (10.0 GPM) FOR 3/4" | 15 | 760 | | |
| V3190-090 | WS1 DLFC 090 (9.0 GPM) FOR 1" | 25 | 850 | | |
| V3190-100 | WS1 DLFC 100 (10.0 GPM) FOR 1" | 25 | 850 | | |
| V3190-110 | WS1 DLFC 110 (11.0 GPM) FOR 1" | 25 | 850 | | |
| V3190-130 | WS1 DLFC 130 (13.0 GPM) FOR 1" | 25 | 850 | | |
| V3190-150 | WS1 DLFC 150 (15.0 GPM) FOR 1" | 25 | 850 | | |
| V3190-170 | WS1 DLFC 170 (17.0 GPM) FOR 1" | 25 | 850 | | |
| V3190-200 | WS1 DLFC 170 (17.0 GPM) FOR 1" | 25 | 850 | | |
| V3190-250 | WS1 DLFC 250 (25.0 GPM) FOR 1" | 25 | 850 | | |
| V3260BSPT-02 | WS2H/2 QC 2" SIDE MOUNT BASE ASSEMBLY BSPT | 25 | 850 | | |
| V3243-01BOARD | WS2H/3 PC BOARD SYSTEM WITH RELAY | 25 | 860 | | |
| V3461-01 | WS2H/3 AC 20V ADAPTER USA | 25 | 850 | | |
| V3461EU-01 | WS2H/3 AC 20V ADAPTER EU | 25 | 850 | | |
| V3461UK-01 | WS2H/3 AC 20V ADAPTER UK | 25 | 850 | | |
| V3474 | WS ALTERNATING CONNECTION CORD 8' BLACK FOR SINGLE METER (3 WIRE INTERCO) | 25 | 860 | | |
| V3475-12 | WS2H/3 SYSTEM CONNECTION CORD 12' RED | 25 | 850 | | |
| V3475-24 | WS2H/3 SYSTEM CONNECTION CORD 24' BLUE | 25 | 850 | | |
| V3475-36 | WS2H/3 SYSTEM CONNECTION CORD 36' YELLOW | 25 | 850 | | |
| V3674BSPT-02 | WS1 BYPASS ROTOR SEAL RETAINER | 25 | 850 | | |
| V3764BSPT | WS3 DLFC ASSY 3 M-BSPT X 3 F-BSPT (NO DLFC BUTTONS) | 25 | 850 | | |
| V4039 | WS3 METER ASSEMBLY WITH 4' CORD | 25 | 850 | | |
| V4051WC | WS2H/3 WEATHER COVER | 25 | 850 | | |
| V-D1199-05 | TOP STACK DISTRIBUTOR 63 MM | 25 | 850 | | |
| V-D1200-04 | TOP STACK DISTRIBUTOR 63 MM FOR FLANGE TANKS | 25 | 850 | | |



INJECTORS FOR VARIOUS TANK SIZES: WS1 e WS1.25 (CAN BE ORDERED SEPARATELY)

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|----------|-------------------------------------|------|----------|-------------|--|
| V3010-1A | WS1 INJECTOR ASSEMBLY A BLACK | 15 | 770 | | |
| V3010-1B | WS1 INJECTOR ASSEMBLY B BROWN | 15 | 770 | | |
| V3010-1C | WS1 INJECTOR ASSEMBLY C VIOLET | 15 | 770 | | |
| V3010-1D | WS1 INJECTOR ASSEMBLY D RED | 15 | 770 | | |
| V3010-1E | WS1 INJECTOR ASSEMBLY E WHITE | 15 | 770 | | |
| V3010-1F | WS1 INJECTOR ASSEMBLY F BLUE | 15 | 770 | | |
| V3010-1G | WS1 INJECTOR ASSEMBLY G YELLOW | 15 | 770 | | |
| V3010-1H | WS1 INJECTOR ASSEMBLY H GREEN | 15 | 770 | | |
| V3010-1I | WS1 INJECTOR ASSEMBLY I ORANGE | 15 | 770 | | |
| V3010-1J | WS1 INJECTOR ASSEMBLY J LIGHT BLUE | 15 | 770 | | |
| V3010-1K | WS1 INJECTOR ASSEMBLY K LIGHT GREEN | 15 | 770 | | |
| V3010-1Z | WS1 INJECTOR ASSEMBLY Z PLUG | 15 | 770 | | |

| Ref | Injector Color | Typical Tank Diameter Downflow Brine | Typical Tank Diameter Upflow Brine |
|----------|----------------|---|---------------------------------------|
| V3010-1A | Black | 6" | 8" |
| V3010-1B | Brown | 7" | 9" |
| V3010-1C | Violet | 8" | 10" |
| V3010-1D | Red | 9" | 12 |
| V3010-1E | White | 10" | 13" |
| V3010-1F | Blue | 12" | 14" |
| V3010-1G | Yellow | 13" | 14" |
| V3010-1H | Green | 14" | 16" |
| V3010-1I | Orange | 16" | 18" |
| V3010-1J | Light Blue | 18" | 21" |
| V3010-1K | Light Green | 21" | N.A |
| V3010-1Z | N.A | N.A | N.A |

- Note: Injector Recommendations - Above injectors are for downflow brining units,
- For upflow brining units the injector should be "down-sized" two tank sizes.
- Example: A 8" downflow softener would use a "C" injector, where as a 8" upflow softener would use an "A" injector



INJECTORS FOR VARIOUS TANK SIZES: WS1.5 (CAN BE ORDERED SEPARATELY)

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|--|------|----------|-------------|--|
| V3010-15B | WS1.5 / WS2 INJECTOR ASSEMBLY B VIOLET | 25 | 860 | | |
| V3010-15C | WS1.5 / WS2 INJECTOR ASSEMBLY C RED | 25 | 860 | | |
| V3010-15D | WS1.5 / WS2 INJECTOR ASSEMBLY D WHITE | 25 | 860 | | |
| V3010-15E | WS1.5 / WS2 INJECTOR ASSEMBLY E BLUE | 25 | 860 | | |
| V3010-15F | WS1.5 / WS2 INJECTOR ASSEMBLY F YELLOW | 25 | 860 | | |
| V3010-15G | WS1.5 / WS2 INJECTOR ASSEMBLY G GREEN | 25 | 860 | | |
| V3010-15H | WS1.5 / WS2 INJECTOR ASSEMBLY H ORANGE | 25 | 860 | | |
| V3010-15I | WS1.5 / WS2 INJECTOR ASSEMBLY I GRAY PVC | 25 | 860 | | |
| V3010-15Z | WS1.5 / WS2 INJECTOR ASSEMBLY Z PLUG | 25 | 860 | | |

| Ref | Injector Color | Typical Tank Diameter/ Down Flow Brine | Typical Tank Diameter/ Up Flow Brine |
|-----------|----------------|--|--------------------------------------|
| V3010-15B | Violet | 12" | 14" |
| V3010-15C | Red | 13" | 16" |
| V3010-15D | White | 14" | 18" |
| V3010-15E | Blue | 16" | 21" |
| V3010-15F | Yellow | 18" | 24" |
| V3010-15G | Green | 21" | 30" |
| V3010-15H | Orange | 24" | n/a |
| V3010-15I | Gray PVC | 30" | n/a |
| V3010-15Z | | n/a | |

Note: Injector Recommendations - Above injectors are for downflow brining units,

- For upflow brining units the injector should be "down-sized" two tank sizes.
- Example: A 24" downflow softener would use a "H" injector, where as a 24" upflow softener would use an "F" injector



INJECTORS FOR VARIOUS TANK SIZES: WS2/2H/3 (CAN BE ORDERED SEPARATELY)

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|----------|------------------------------|------|----------|-------------|--|
| V3010-2A | WS2/2H/3 INJECTOR ASSEMBLY A | 25 | 860 | | |
| V3010-2B | WS2/2H/3 INJECTOR ASSEMBLY B | 25 | 860 | | |
| V3010-2C | WS2/2H/3 INJECTOR ASSEMBLY C | 25 | 860 | | |
| V3010-2D | WS2/2H/3 INJECTOR ASSEMBLY D | 25 | 860 | | |
| V3010-2E | WS2/2H/3 INJECTOR ASSEMBLY E | 25 | 860 | | |
| V3010-2F | WS2/2H/3 INJECTOR ASSEMBLY F | 25 | 860 | | |
| V3010-2G | WS2/2H/3 INJECTOR ASSEMBLY G | 25 | 860 | | |
| V3010-2H | WS2H/3 INJECTOR ASSEMBLY H | 25 | 860 | | |

| Ref | Injector | Typical Tank Diameter/ Down Flow Brine | Typical Tank Diameter/ Up Flow Brine |
|----------|-----------|--|--------------------------------------|
| V3010-2A | Stamped A | 18" | 24" |
| V3010-2B | Stamped B | 21" | 30" |
| V3010-2C | Stamped C | 24" | 36" |
| V3010-2D | Stamped D | 30" | 42" |
| V3010-2E | Stamped E | 36" | 48" |
| V3010-2F | Stamped F | 42" | n/a |
| V3010-2G | Stamped G | 48" | n/a |
| V3010-2H | Gray PVC | 63" | n/a |

Note: Injector Recommendations - Above injectors are for downflow brining units,

- For upflow brining units the injector should be "down-sized" two tank sizes.
- Example: A 24" downflow softener would use a "C" injector, where as a 24" upflow softener would use an "A" injector



INJECTORS FOR VARIOUS TANK SIZES: WS2 (CAN BE ORDERED SEPARATELY)

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|---|------|----------|-------------|--|
| V3010-2R-15B | WS2/WS2H INJECTOR R MODIFIED ASSEMBLY W/3010-15B (12" DOWNFLOW) | 25 | 860 | | |
| V3010-2S-15C | WS2/WS2H INJECTOR S MODIFIED ASSEMBLY W/3010-15C (13" DOWNFLOW) | 25 | 860 | | |
| V3010-2T-15D | WS2/WS2H INJECTOR T MODIFIED ASSEMBLY W/3010-15D (14" DOWNFLOW) | 25 | 860 | | |
| V3010-2U-15E | WS2/WS2H INJECTOR U MODIFIED ASSEMBLY W/3010-15E (16" DOWNFLOW) | 25 | 860 | | |
| V3010-2A | WS2/2H/3 INJECTOR ASSEMBLY A | 25 | 860 | | |
| V3010-2B | WS2/2H/3 INJECTOR ASSEMBLY B | 25 | 860 | | |
| V3010-2C | WS2/2H/3 INJECTOR ASSEMBLY C | 25 | 860 | | |
| V3010-2D | WS2/2H/3 INJECTOR ASSEMBLY D | 25 | 860 | | |
| V3010-2E | WS2/2H/3 INJECTOR ASSEMBLY E | 25 | 860 | | |
| V3010-2F | WS2/2H/3 INJECTOR ASSEMBLY F | 25 | 860 | | |
| V3010-2G | WS2/2H/3 INJECTOR ASSEMBLY G | 25 | 860 | | |

| Ref | Typical Tank Diameter/ Down Flow Brine | Typical Tank Diameter/ Up Flow Brine |
|--------------|--|--------------------------------------|
| V3010-2R-15B | 12" | 14" |
| V3010-2S-15C | 13" | 16" |
| V3010-2T-15D | 14" | 18" |
| V3010-2U-15E | 16" | 21" |
| V3010-2A | 18" | 24" |
| V3010-2B | 21" | 30" |
| V3010-2C | 24" | 36" |
| V3010-2D | 30" | 42" |
| V3010-2E | 36" | 48" |
| V3010-2F | 42" | n/a |
| V3010-2G | 48 | n/a |

Note: Injector Recommendations - Above injectors are for downflow brining units,

- For upflow brining units the injector should be "down-sized" two tank sizes.
- Example: A 24" downflow softener would use a "C" injector, where as a 24" upflow softener would use an "A" injector



**MWG,
STRUCTURAL
pressure vessels
and accessories**



MWG Residential Pressure Vessels with Base

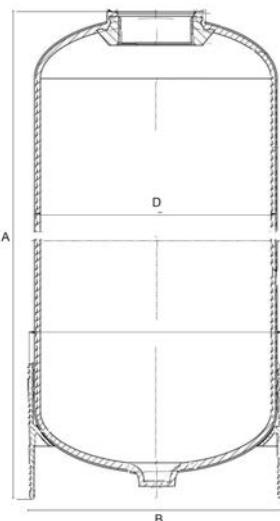


- Made in China;
- Composite pressure vessels PE liner reinforced with fiberglass and epoxy resin;
- For industrial and potable water treatment systems;
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Max operating pressure 10 bar; max operating temperature 50°C;
- Top connection threaded 2 ½" - 8NPSM or 4" - 8UN; Cycle test 250.000 times from 0,7 to 10 bar;
- Burst test to 4 times max operating pressure;
- Blue colour;
- Warranty 10 years.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------------|-------------------------------------|------|--------------|----------------|--|
| BMW G05013BB | MWG PRESSURE VESSEL 5X13 2.5" BLUE | 43 | 412 | • | |
| BMW G06013BB | MWG PRESSURE VESSEL 6X13 2.5" BLUE | 43 | 412 | • | |
| BMW G06018BB | MWG PRESSURE VESSEL 6X18 2.5" BLUE | 43 | 412 | • | |
| BMW G06035BB | MWG PRESSURE VESSEL 6X35 2.5" BLUE | 43 | 412 | • | |
| BMW G07013BB | MWG PRESSURE VESSEL 7X13 2.5" BLUE | 43 | 412 | • | |
| BMW G07017BB | MWG PRESSURE VESSEL 7X17 2.5" BLUE | 43 | 412 | • | |
| BMW G07024BB | MWG PRESSURE VESSEL 7X24 2.5" BLUE | 43 | 412 | • | |
| BMW G07030BB | MWG PRESSURE VESSEL 7X30 2.5" BLUE | 43 | 412 | • | |
| BMW G07035BB | MWG PRESSURE VESSEL 7X35 2.5" BLUE | 43 | 412 | • | |
| BMW G08013BB | MWG PRESSURE VESSEL 8X13 2.5" BLUE | 43 | 412 | • | |
| BMW G08017BB | MWG PRESSURE VESSEL 8X17 2.5" BLUE | 43 | 412 | • | |
| BMW G08024BB | MWG PRESSURE VESSEL 8X24 2.5" BLUE | 43 | 412 | • | |
| BMW G08030BB | MWG PRESSURE VESSEL 8X30 2.5" BLUE | 43 | 412 | • | |
| BMW G08035BB | MWG PRESSURE VESSEL 8X35 2.5" BLUE | 43 | 412 | • | |
| BMW G08044BB | MWG PRESSURE VESSEL 8X44 2.5" BLUE | 43 | 412 | • | |
| BMW G09017BB | MWG PRESSURE VESSEL 9X17 2.5" BLUE | 43 | 412 | • | |
| BMW G09030BB | MWG PRESSURE VESSEL 9X30 2.5" BLUE | 43 | 412 | • | |
| BMW G09035BB | MWG PRESSURE VESSEL 9X35 2.5" BLUE | 43 | 412 | • | |
| BMW G09042BB | MWG PRESSURE VESSEL 9X42 2.5" BLUE | 43 | 412 | • | |
| BMW G09048BB | MWG PRESSURE VESSEL 9X48 2.5" BLUE | 43 | 412 | • | |
| BMW G10017BB | MWG PRESSURE VESSEL 10X17 2.5" BLUE | 43 | 412 | • | |
| BMW G10019BB | MWG PRESSURE VESSEL 10X19 2.5" BLUE | 43 | 412 | • | |
| BMW G10024BB | MWG PRESSURE VESSEL 10X24 2.5" BLUE | 43 | 412 | • | |
| BMW G10030BB | MWG PRESSURE VESSEL 10X30 2.5" BLUE | 43 | 412 | • | |
| BMW G10035BB | MWG PRESSURE VESSEL 10X35 2.5" BLUE | 43 | 412 | • | |
| BMW G10044BB | MWG PRESSURE VESSEL 10X44 2.5" BLUE | 43 | 412 | • | |
| BMW G10047BB | MWG PRESSURE VESSEL 10X47 2.5" BLUE | 43 | 412 | • | |
| BMW G10054BB | MWG PRESSURE VESSEL 10X54 2.5" BLUE | 43 | 412 | • | |
| BMW G10054GB | MWG PRESSURE VESSEL 10X54 4" BLUE | 43 | 412 | • | |
| BMW G12048BB | MWG PRESSURE VESSEL 12X48 2.5" BLUE | 43 | 412 | • | |
| BMW G12052BB | MWG PRESSURE VESSEL 12X52 2.5" BLUE | 43 | 412 | • | |
| BMW G13044BB | MWG PRESSURE VESSEL 13X44 2.5" BLUE | 43 | 412 | • | |
| BMW G13054BB | MWG PRESSURE VESSEL 13X54 2.5" BLUE | 43 | 412 | • | |
| BMW G13054GB | MWG PRESSURE VESSEL 13X54 4" BLUE | 43 | 412 | • | |



MWG Residential Pressure Vessels with Base



Characteristics

| Ref | Description | Volume (Liters) | External D (mm) | A (mm) | B (mm) | Connection |
|--------------|-------------------------------------|-----------------|-----------------|----------|--------|------------|
| BMW G05013BB | MWG PRESSURE VESSEL 5X13 2.5" BLUE | 3,2 | 130 | 335 ± 6 | 135 | 2½ |
| BMW G06013BB | MWG PRESSURE VESSEL 6X13 2.5" BLUE | 4,9 | 159 | 335 ± 6 | 165 | 2½ |
| BMW G06018BB | MWG PRESSURE VESSEL 6X18 2.5" BLUE | 7,2 | 159 | 462 ± 6 | 165 | 2½ |
| BMW G06035BB | MWG PRESSURE VESSEL 6X35 2.5" BLUE | 15,0 | 159 | 896 ± 6 | 165 | 2½ |
| BMW G07013BB | MWG PRESSURE VESSEL 7X13 2.5" BLUE | 6,3 | 180 | 333 ± 6 | 188 | 2½ |
| BMW G07017BB | MWG PRESSURE VESSEL 7X17 2.5" BLUE | 8,6 | 180 | 434 ± 6 | 188 | 2½ |
| BMW G07024BB | MWG PRESSURE VESSEL 7X24 2.5" BLUE | 13,2 | 180 | 605 ± 6 | 188 | 2½ |
| BMW G07030BB | MWG PRESSURE VESSEL 7X30 2.5" BLUE | 16,4 | 180 | 768 ± 6 | 188 | 2½ |
| BMW G07035BB | MWG PRESSURE VESSEL 7X35 2.5" BLUE | 20,1 | 180 | 891 ± 6 | 188 | 2½ |
| BMW G08013BB | MWG PRESSURE VESSEL 8X13 2.5" BLUE | 8,5 | 207 | 338 ± 6 | 216 | 2½ |
| BMW G08017BB | MWG PRESSURE VESSEL 8X17 2.5" BLUE | 10,9 | 207 | 439 ± 6 | 216 | 2½ |
| BMW G08024BB | MWG PRESSURE VESSEL 8X24 2.5" BLUE | 15,9 | 207 | 627 ± 6 | 216 | 2½ |
| BMW G08030BB | MWG PRESSURE VESSEL 8X30 2.5" BLUE | 20,9 | 207 | 773 ± 6 | 216 | 2½ |
| BMW G08035BB | MWG PRESSURE VESSEL 8X35 2.5" BLUE | 25,0 | 207 | 898 ± 6 | 216 | 2½ |
| BMW G08044BB | MWG PRESSURE VESSEL 8X44 2.5" BLUE | 32,6 | 207 | 1130 ± 6 | 216 | 2½ |
| BMW G09017BB | MWG PRESSURE VESSEL 9X17 2.5" BLUE | 13,8 | 231 | 456 ± 6 | 240 | 2½ |
| BMW G09030BB | MWG PRESSURE VESSEL 9X30 2.5" BLUE | 26,9 | 231 | 776 ± 6 | 240 | 2½ |
| BMW G09035BB | MWG PRESSURE VESSEL 9X35 2.5" BLUE | 32,1 | 231 | 900 ± 6 | 240 | 2½ |
| BMW G09042BB | MWG PRESSURE VESSEL 9X42 2.5" BLUE | 38,4 | 231 | 1076 ± 6 | 240 | 2½ |
| BMW G09048BB | MWG PRESSURE VESSEL 9X48 2.5" BLUE | 44,4 | 231 | 1227 ± 6 | 240 | 2½ |
| BMW G10017BB | MWG PRESSURE VESSEL 10X17 2.5" BLUE | 16,7 | 258 | 445 ± 6 | 266 | 2½ |
| BMW G10019BB | MWG PRESSURE VESSEL 10X19 2.5" BLUE | 19,3 | 258 | 482 ± 6 | 266 | 2½ |
| BMW G10024BB | MWG PRESSURE VESSEL 10X24 2.5" BLUE | 25,2 | 258 | 611 ± 6 | 266 | 2½ |
| BMW G10030BB | MWG PRESSURE VESSEL 10X30 2.5" BLUE | 33,0 | 258 | 780 ± 6 | 266 | 2½ |
| BMW G10035BB | MWG PRESSURE VESSEL 10X35 2.5" BLUE | 39,4 | 258 | 902 ± 6 | 266 | 2½ |
| BMW G10044BB | MWG PRESSURE VESSEL 10X44 2.5" BLUE | 51,0 | 258 | 1132 ± 6 | 266 | 2½ |
| BMW G10047BB | MWG PRESSURE VESSEL 10X47 2.5" BLUE | 54,1 | 258 | 1197 ± 6 | 266 | 2½ |
| BMW G10054BB | MWG PRESSURE VESSEL 10X54 2.5" BLUE | 63,5 | 258 | 1391 ± 6 | 266 | 2½ |
| BMW G10054GB | MWG PRESSURE VESSEL 10X54 4" BLUE | 63,5 | 258 | 1390 ± 6 | 266 | 4" |
| BMW G12048BB | MWG PRESSURE VESSEL 12X48 2.5" BLUE | 78,9 | 308 | 1234 ± 6 | 318 | 2½ |
| BMW G12052BB | MWG PRESSURE VESSEL 12X52 2.5" BLUE | 85,9 | 308 | 1334 ± 6 | 318 | 2½ |
| BMW G13044BB | MWG PRESSURE VESSEL 13X44 2.5" BLUE | 83,1 | 335 | 1118 ± 6 | 343 | 2½ |
| BMW G13054BB | MWG PRESSURE VESSEL 13X54 2.5" BLUE | 104,3 | 335 | 1375 ± 6 | 343 | 2½ |
| BMW G13054GB | MWG PRESSURE VESSEL 13X54 4" BLUE | 104,3 | 335 | 1375 ± 6 | 343 | 4" |

| Certificates | Manufacturer | Sectors |
|------------------------------|--------------|----------|
| DM174-2004, ACS, KTW CE, EAC | MWG | Domestic |



Structural Residential Pressure Vessels with Base

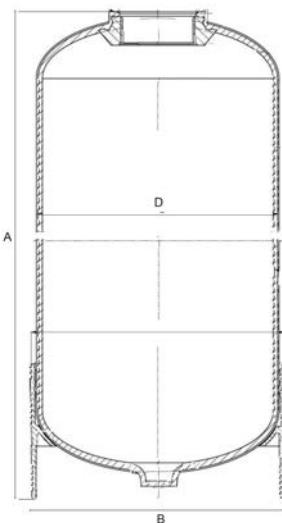


- Made in European Union (Belgium);
- Composite pressure vessels PE liner reinforced with fiberglass and epoxy resin; For industrial and potable water treatment systems;
- Max operating pressure 10 bar;
- Max operating temperature 50°C;
- Top connection threaded 2 ½" - 8NPSM or 4" - 8UN;
- Cycle test 250.000 times from 0,7 to 10 bar;
- Burst test to 4 times max operating pressure;
- Blue colour;
- Warranty 5 years.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|--|------|----------|-------------|--|
| BSQ0613A3 | STRUCTURAL PRESSURE VESSEL 6X13 2.5" BLUE | 43 | 432 | • | |
| BSQ0618A3 | STRUCTURAL PRESSURE VESSEL 6X18 2.5" BLUE | 43 | 432 | • | |
| BSRT0635P3E | STRUCTURAL PRESSURE VESSEL 6X35 2.5" BLUE | 43 | 432 | • | |
| BSQ0713A3 | STRUCTURAL PRESSURE VESSEL 7X13 2.5" BLUE | 43 | 432 | • | |
| BSQ0717A3 | STRUCTURAL PRESSURE VESSEL 7X17 2.5" BLUE | 43 | 432 | • | |
| BSRT0724A3E | STRUCTURAL PRESSURE VESSEL 7X24 2.5" BLUE | 43 | 432 | • | |
| BSQ0730A3 | STRUCTURAL PRESSURE VESSEL 7X30 2.5" BLUE | 43 | 432 | • | |
| BSQ0735A3 | STRUCTURAL PRESSURE VESSEL 7X35 2.5" BLUE | 43 | 432 | • | |
| BSQ0817A3 | STRUCTURAL PRESSURE VESSEL 8X17 2.5" BLUE | 43 | 432 | • | |
| BSRT0824A3E | STRUCTURAL PRESSURE VESSEL 8X24 2.5" BLUE | 43 | 432 | • | |
| BSQ0830A3 | STRUCTURAL PRESSURE VESSEL 8X30 2.5" BLUE | 43 | 432 | • | |
| BSQ0835A3 | STRUCTURAL PRESSURE VESSEL 8X35 2.5" BLUE | 43 | 432 | | |
| BSQ0844P3 | STRUCTURAL PRESSURE VESSEL 8X44 2.5" BLUE | 43 | 432 | • | |
| BSRT0917A3E | STRUCTURAL PRESSURE VESSEL 9X17 2.5" BLUE | 43 | 432 | • | |
| BSRT0930A3E | STRUCTURAL PRESSURE VESSEL 9X30 2.5" BLUE | 43 | 432 | • | |
| BSQ0935A3 | STRUCTURAL PRESSURE VESSEL 9X35 2.5" BLUE | 43 | 432 | • | |
| BSRT0942A3E | STRUCTURAL PRESSURE VESSEL 9X42 2.5" BLUE | 43 | 432 | • | |
| BSRT0948A3E | STRUCTURAL PRESSURE VESSEL 9X48 2.5" BLUE | 43 | 432 | • | |
| BSRT1017A3E | STRUCTURAL PRESSURE VESSEL 10X17 2.5" BLUE | 43 | 432 | • | |
| BSQ1019A3 | STRUCTURAL PRESSURE VESSEL 10X19 2.5" BLUE | 43 | 432 | • | |
| BSRT1022A3E | STRUCTURAL PRESSURE VESSEL 10X22 2.5" BLUE | 43 | 432 | • | |
| BSRT1024A3E | STRUCTURAL PRESSURE VESSEL 10X24 2.5" BLUE | 43 | 432 | • | |
| BSRT1030A3E | STRUCTURAL PRESSURE VESSEL 10X30 2.5" BLUE | 43 | 432 | • | |
| BSQ1035A3 | STRUCTURAL PRESSURE VESSEL 10X35 2.5" BLUE | 43 | 432 | • | |
| BSQ1044P3 | STRUCTURAL PRESSURE VESSEL 10X44 2.5" BLUE | 43 | 432 | • | |
| BSRT1047P3E | STRUCTURAL PRESSURE VESSEL 10X47 2.5" BLUE | 43 | 432 | • | |
| BSQ1054P3 | STRUCTURAL PRESSURE VESSEL 10X54 2.5" BLUE | 43 | 432 | • | |
| BSRT1055P3EN | STRUCTURAL PRESSURE VESSEL 10X55 4" BLUE | 43 | 432 | • | |
| BSQ1248P3 | STRUCTURAL PRESSURE VESSEL 12X48 2.5" BLUE | 43 | 432 | • | |
| BSQ1252P3 | STRUCTURAL PRESSURE VESSEL 12X52 2.5" BLUE | 43 | 432 | • | |
| BSRT1344A3E | STRUCTURAL PRESSURE VESSEL 13X44 2.5" BLUE | 43 | 432 | • | |
| BSQ1354A3 | STRUCTURAL PRESSURE VESSEL 13X54 2.5" BLUE | 43 | 432 | • | |
| BSRT1355A3EN | STRUCTURAL PRESSURE VESSEL 13X55 4" BLUE | 43 | 432 | • | |



Structural Residential Pressure Vessels with Base



| Ref | Volume (liters) | External D (mm) | A (mm) | B (mm) | Connection |
|--------------|-----------------|-----------------|----------|--------|------------|
| BSQ0613A3 | 4,6 | 159 | 342 ± 2 | 170 | 2½ |
| BSQ0618A3 | 6,9 | 159 | 475 ± 2 | 170 | 2½ |
| BSRT0635P3E | 14,4 | 159 | 907 ± 2 | 170 | 2½ |
| BSQ0713A3 | 6,3 | 184 | 341 ± 2 | 195 | 2½ |
| BSQ0717A3 | 8,8 | 184 | 446 ± 2 | 195 | 2½ |
| BSRT0724A3E | 13,5 | 184 | 613 ± 2 | 195 | 2½ |
| BSQ0730A3 | 16,8 | 184 | 778 ± 2 | 195 | 2½ |
| BSQ0735A3 | 20,4 | 184 | 901 ± 2 | 195 | 2½ |
| BSQ0817A3 | 11,0 | 208 | 435 ± 2 | 220 | 2½ |
| BSRT0824A3E | 16,6 | 208 | 612 ± 4 | 220 | 2½ |
| BSQ0830A3 | 22,0 | 208 | 783 ± 2 | 220 | 2½ |
| BSQ0835A3 | 25,7 | 208 | 902 ± 2 | 220 | 2½ |
| BSQ0844P3 | 33,6 | 208 | 1124 ± 2 | 220 | 2½ |
| BSRT0917A3E | 13,7 | 233 | 431 ± 4 | 240 | 2½ |
| BSRT0930A3E | 26,6 | 233 | 766 ± 5 | 240 | 2½ |
| BSQ0935A3 | 31,3 | 233 | 903 ± 2 | 240 | 2½ |
| BSRT0942A3E | 38,2 | 233 | 1074 ± 5 | 240 | 2½ |
| BSRT0948A3E | 44,6 | 233 | 1228 ± 5 | 240 | 2½ |
| BSRT1017A3E | 16,8 | 257 | 436 ± 4 | 269 | 2½ |
| BSQ1019A3 | 19,1 | 257 | 502 ± 2 | 269 | 2½ |
| BSRT1022A3E | 22,9 | 257 | 559 ± 4 | 269 | 2½ |
| BSRT1024A3E | 25,1 | 257 | 605 ± 4 | 269 | 2½ |
| BSRT1030A3E | 32,4 | 257 | 766 ± 4 | 269 | 2½ |
| BSQ1035A3 | 38,9 | 257 | 903 ± 2 | 269 | 2½ |
| BSQ1044P3 | 48 | 257 | 1122 ± 2 | 269 | 2½ |
| BSRT1047P3E | 54 | 257 | 1188 ± 5 | 269 | 2½ |
| BSQ1054P3 | 61 | 257 | 1385 ± 2 | 269 | 2½ |
| BSRT1055P3EN | 62 | 257 | 1382 ± 5 | 269 | 4" |
| BSQ1248P3 | 76 | 304 | 1232 ± 3 | 315 | 2½ |
| BSQ1252P3 | 84 | 304 | 1335 ± 3 | 315 | 2½ |
| BSRT1344A3E | 85 | 334 | 1145 ± 6 | 330 | 2½ |
| BSQ1354A3 | 103 | 334 | 1371 ± 3 | 330 | 2½ |
| BSRT1355A3EN | 103 | 334 | 1371 ± 3 | 330 | 4" |

| Certificates | Manufacturer | Sectors |
|-------------------------------------|--------------|----------|
| DM174-2004, ACS, KTW, WRAS, CE, EAC | Pentair | Domestic |



MWG Residential Pressure Vessels without Base

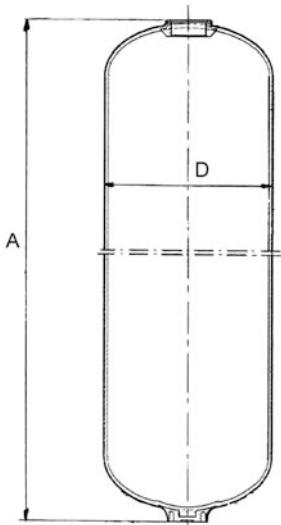


- Made in China:
- Composite pressure vessels PE liner reinforced with fiberglass and epoxy resin;
- For industrial and potable water treatment systems;
- Max operating temperature 50°C;
- Top connection threaded 2 ½" - 8NPSM or 4"- 8UN;
- Cycle test 250.000 times from 0,7 to 10 bar;
- Burst test to 4 times max operating pressure;
- Blue colour;
- Warranty 10 years.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|---|------|----------|-------------|--|
| BMW G05013AB | MWG PRESSURE VESSEL 5X13 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G06013AB | MWG PRESSURE VESSEL 6X13 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G07013AB | MWG PRESSURE VESSEL 7X13 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G07017AB | MWG PRESSURE VESSEL 7X17 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G07019AB | MWG PRESSURE VESSEL 7X19 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G07024AB | MWG PRESSURE VESSEL 7X24 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G07030AB | MWG PRESSURE VESSEL 7X30 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G07035AB | MWG PRESSURE VESSEL 7X35 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G08013AB | MWG PRESSURE VESSEL 8X13 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G08017AB | MWG PRESSURE VESSEL 8X17 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G08024AB | MWG PRESSURE VESSEL 8X24 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G08030AB | MWG PRESSURE VESSEL 8X30 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G08035AB | MWG PRESSURE VESSEL 8X35 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G09017AB | MWG PRESSURE VESSEL 9X17 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G09024AB | MWG PRESSURE VESSEL 9X24 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G09030AB | MWG PRESSURE VESSEL 9X30 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G09035AB | MWG PRESSURE VESSEL 9X35 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G10017AB | MWG PRESSURE VESSEL 10X17 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G10019AB | MWG PRESSURE VESSEL 10X19 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G10024AB | MWG PRESSURE VESSEL 10X24 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G10030AB | MWG PRESSURE VESSEL 10X30 2.5" NO BASE BLUE | 43 | 410 | • | |
| BMW G10035AB | MWG PRESSURE VESSEL 10X35 2.5" NO BASE BLUE | 43 | 410 | • | |



MWG Residential Pressure Vessels without Base



| Ref | Volume (liters) | External D (mm) | A (mm) | Connection (inch) |
|--------------|-----------------|-----------------|---------|-------------------|
| BMW G05013AB | 3,1 | 129 | 329 ± 3 | 2½ |
| BMW G06013AB | 4,7 | 159,5 | 329 ± 3 | 2½ |
| BMW G07013AB | 5,9 | 180 | 329 ± 3 | 2½ |
| BMW G07017AB | 8,2 | 180 | 431 ± 3 | 2½ |
| BMW G07019AB | 9,4 | 180 | 483 ± 3 | 2½ |
| BMW G07024AB | 12,4 | 180 | 611 ± 3 | 2½ |
| BMW G07030AB | 16,01 | 180 | 771 ± 3 | 2½ |
| BMW G07035AB | 18,09 | 180 | 891 ± 3 | 2½ |
| BMW G08013AB | 7,6 | 207 | 329 ± 3 | 2½ |
| BMW G08017AB | 10,07 | 207 | 431 ± 3 | 2½ |
| BMW G08024AB | 16,03 | 207 | 611 ± 3 | 2½ |
| BMW G08030AB | 21,2 | 207 | 771 ± 3 | 2½ |
| BMW G08035AB | 25,0 | 207 | 891 ± 3 | 2½ |
| BMW G09017AB | 13,3 | 230 | 431 ± 3 | 2½ |
| BMW G09024AB | 20,3 | 230 | 611 ± 3 | 2½ |
| BMW G09030AB | 26,5 | 230 | 771 ± 3 | 2½ |
| BMW G09035AB | 31,1 | 230 | 891 ± 3 | 2½ |
| BMW G10017AB | 16,4 | 257,5 | 431 ± 3 | 2½ |
| BMW G10019AB | 19,0 | 257,5 | 483 ± 3 | 2½ |
| BMW G10024AB | 25,2 | 257,5 | 611 ± 3 | 2½ |
| BMW G10030AB | 33,0 | 257,5 | 771 ± 3 | 2½ |
| BMW G10035AB | 38,8 | 257,5 | 891 ± 3 | 2½ |

| Certificates | Manufacturer | Sectors |
|----------------------------|--------------|----------|
| DM174-2004 ACS KTW CE, EAC | MWG | Domestic |



Structural Dome-Hole Residential Pressure Vessels

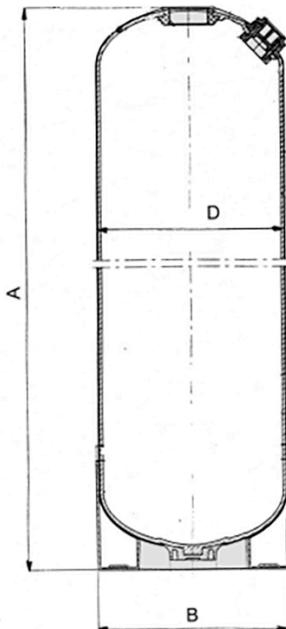


- Made in U.S.A.;
- Composite pressure vessels PE liner reinforced with fiberglass and epoxy resin;
- 1 ¼" opening on the dome top of the tank with Noryl plug;
- For industrial and potable water treatment systems;
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Max operating pressure 10 bar;
- Max operating temperature 50°C;
- Top connection threaded 2 ½" – 8NPSM;
- Cycle test 250.000 times from 0,7 to 10 bar;
- Burst test to 4 times max operating pressure;
- Natural colour;
- Warranty 5 years.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|----------|--|------|----------|-------------|--|
| B10044QN | PRESSURE VESSEL 10X44 DOME HOLE 2.5" NATURAL | 43 | 450 | | |
| B10054QN | PRESSURE VESSEL 10x54 DOME HOLE 2.5" NATURAL | 43 | 450 | | |
| B12052QN | PRESSURE VESSEL 12X52 DOME HOLE 2.5" NATURAL | 43 | 450 | | |
| B13054QN | PRESSURE VESSEL 13X54 DOME HOLE 2.5" NATURAL | 43 | 450 | | |

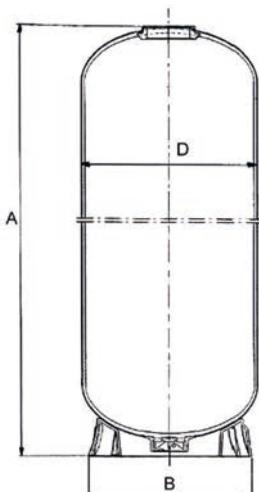
| Ref | Volume (Liters) | D External (mm) | A (mm) | B (mm) | Connection (pollici) |
|----------|-----------------|-----------------|--------|--------|----------------------|
| B10044QN | 48 | 257 | 1122 | 269 | 2½ |
| B10054QN | 61 | 257 | 1378 | 269 | 2½ |
| B12052QN | 84 | 306 | 1346 | 312 | 2½ |
| B13054QN | 103 | 364 | 1370 | 375 | 2½ |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| CE | Pentair | Commercial, Industrial |





MWG Industrial Pressure Vessels With Threaded Top Opening



- Made in China; Composite pressure vessels PE liner reinforced with fiberglass and epoxy resin;
- For industrial and potable water treatment systems;
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Max operating pressure 10 bar; Max operating temperature 50°C; Burst test to 4 times max operating pressure; Warranty 5 Yrs;
- Pressure vessels 16" and less are shipped with reduction 2,5";
- Pressure vessels 30" and greater are shipped with vacuum breaker.

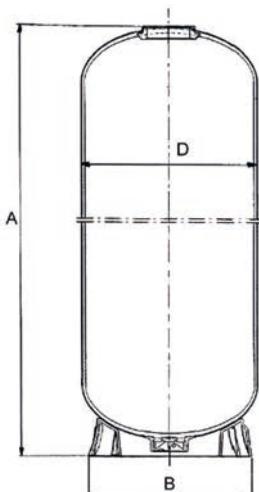
| Ref | Description | | | Fam. | Subfa. m. | Disp. Stock | |
|-------------|---|--|--|------|--------------|----------------|--|
| BMWG14052GB | MWG PRESSURE VESSEL 14X52 4" BLUE WITH ADAPTER 2.5" | | | 44 | 420 | • | |
| BMWG14065GB | MWG PRESSURE VESSEL 14X65 4" BLUE WITH ADAPTER 2.5" | | | 44 | 420 | • | |
| BMWG16052GB | MWG PRESSURE VESSEL 16X52 4" BLUE WITH ADAPTER 2.5" | | | 44 | 420 | • | |
| BMWG16065GB | MWG PRESSURE VESSEL 16X65 4" BLUE WITH ADAPTER 2.5" | | | 44 | 420 | • | |
| BMWG18053GB | MWG PRESSURE VESSEL 18X53 4" BLUE | | | 44 | 420 | • | |
| BMWG18065GB | MWG PRESSURE VESSEL 18X65 4" BLUE | | | 44 | 420 | • | |
| BMWG21036GB | MWG PRESSURE VESSEL 21X36 4" BLUE | | | 44 | 420 | • | |
| BMWG21053GB | MWG PRESSURE VESSEL 21X53 4" BLUE | | | 44 | 420 | • | |
| BMWG21062GB | MWG PRESSURE VESSEL 21X62 4" BLUE | | | 44 | 420 | • | |
| BMWG24065GB | MWG PRESSURE VESSEL 24X65 4" BLUE | | | 44 | 420 | • | |
| BMWG24072GB | MWG PRESSURE VESSEL 24X72 4" BLUE | | | 44 | 420 | • | |
| BMWG30072GB | MWG PRESSURE VESSEL 30X72 4" BLUE | | | 44 | 420 | • | |
| BMWG36072GB | MWG PRESSURE VESSEL 36X72 4" BLUE | | | 44 | 420 | • | |

| Ref | Volume (Liters) | External D (mm) | A (mm) | B (mm) | Connection (Inch) |
|-------------|-----------------|-----------------|-----------|--------|-------------------|
| BMWG14052GB | 115,4 | 360 | 1325 ± 6 | 369 | 4" |
| BMWG14065GB | 147,0 | 360 | 1655 ± 6 | 369 | 4" |
| BMWG16052GB | 150,0 | 410 | 1316 ± 6 | 420 | 4" |
| BMWG16065GB | 191,3 | 410 | 1648 ± 6 | 420 | 4" |
| BMWG18053GB | 193,6 | 464 | 1366 ± 6 | 451 | 4" |
| BMWG18065GB | 242,3 | 464 | 1670 ± 6 | 451 | 4" |
| BMWG21036GB | 168,2 | 541 | 958 ± 10 | 532 | 4" |
| BMWG21053GB | 262,4 | 541 | 1390 ± 10 | 532 | 4" |
| BMWG21062GB | 312,7 | 541 | 1620 ± 10 | 532 | 4" |
| BMWG24065GB | 426,5 | 615 | 1730 ± 10 | 612 | 4" |
| BMWG24072GB | 477,5 | 615 | 1910 ± 10 | 612 | 4" |
| BMWG30072GB | 725,9 | 767 | 1890 ± 10 | 752 | 4" |
| BMWG36072GB | 1030 | 919 | 1965 ± 10 | 910 | 4" |

| Certificates | Manufacturer | Sectors |
|----------------------------|--------------|------------------------|
| DM174-2004 ACS KTW CE, EAC | MWG | Commercial, Industrial |



Structural Industrial Pressure Vessels With Threaded Top Opening



- Made in European Union (Belgium); composite pressure vessels PE liner reinforced with fiberglass and epoxy resin; for industrial and potable water treatment systems;
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Max operating pressure 10 bar; Max operating temperature 50°C;
- Threaded top connection 4"- 8UN;
- Cycle test 250.000 times from 0,7 to 10 bar; burst test to 4 times max operating pressure; Warranty 5 years;
- Pressure vessels 16" and less are shipped with reduction 2,5";
- Pressure vessels 30" and greater are shipped with vacuum breaker.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------------|--|------|----------|-------------|--|
| BSRT1452A3REN | STRUCTURAL PRESSURE VESSEL 14X52 4" BLUE WITH ADAPTER 2.5" | 44 | 440 | • | |
| BSRT1465A3REN | STRUCTURAL PRESSURE VESSEL 14X65 4" BLUE WITH ADAPTER 2.5" | 44 | 440 | • | |
| BSRT1649A3REN | STRUCTURAL PRESSURE VESSEL 16X49 4" BLUE WITH ADAPTER 2.5" | 44 | 440 | • | |
| BSRT1665A3REN | STRUCTURAL PRESSURE VESSEL 16X65 4" BLUE WITH ADAPTER 2.5" | 44 | 440 | • | |
| BSRT1856A3E | STRUCTURAL PRESSURE VESSEL 18X56 4" BLUE | 44 | 440 | • | |
| BSRT1865A3EN | STRUCTURAL PRESSURE VESSEL 18X65 4" BLUE | 44 | 440 | • | |
| BSRT2153A3E | STRUCTURAL PRESSURE VESSEL 21X53 4" BLUE | 44 | 440 | • | |
| BSRT2160A3E | STRUCTURAL PRESSURE VESSEL 21X60 4" BLUE | 44 | 440 | • | |
| BSRT2469A3E | STRUCTURAL PRESSURE VESSEL 24X69 4" BLUE | 44 | 440 | • | |
| BSRT3072A3E | STRUCTURAL PRESSURE VESSEL 30X72 4" BLUE | 44 | 440 | • | |
| BSRT3672A3E | STRUCTURAL PRESSURE VESSEL 36X72 4" BLUE | 44 | 440 | • | |

| Ref | Volume (liters) | External D (mm) | A (mm) | B (mm) | Connection (Inch) |
|---------------|-----------------|-----------------|-----------|--------|-------------------|
| BSRT1452A3REN | 122 | 369 | 1360 ± 20 | 330 | 4" |
| BSRT1465A3REN | 140 | 369 | 1645 ± 20 | 380 | 4" |
| BSRT1649A3REN | 125 | 406 | 1269 ± 20 | 420 | 4" |
| BSRT1665A3REN | 170 | 406 | 1632 ± 20 | 420 | 4" |
| BSRT1856A3E | 211 | 469 | 1432 ± 20 | 510 | 4" |
| BSRT1865A3EN | 250 | 469 | 1726 ± 20 | 510 | 4" |
| BSRT2153A3E | 277 | 552 | 1434 ± 20 | 510 | 4" |
| BSRT2160A3E | 310 | 552 | 1625 ± 20 | 510 | 4" |
| BSRT2469A3E | 440 | 610 | 1870 ± 20 | 510 | 4" |
| BSRT3072A3E | 710 | 770 | 2030 ± 30 | 730 | 4" |
| BSRT3672A3E | 1020 | 930 | 2130 ± 30 | 730 | 4" |

| Certificates | Manufacturer | Sectors |
|---------------------------------|--------------|------------------------|
| DM174-2004 ACS KTW WRAS CE, EAC | Pentair | Commercial, Industrial |



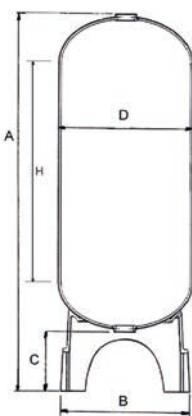
MWG Industrial Pressure Vessels With Top&Bottom Threaded Openings



- Made in China;
- Composite pressure vessels PE liner reinforced with fiberglass and epoxy resin;
- For industrial and potable water treatment systems;
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Max operating pressure 10 bar;
- Max operating temperature 50°C;
- Top and bottom threaded connection 4"- 8UN; Cycle test 250.000 times from 0.7 to 10 bar;
- Burst test to 4 times max operating pressure;
- Blue colour;
- Warranty 5 years;
- Pressure vessels 30" and greater are shipped with vacuum breaker.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|--|------|----------|-------------|--|
| BMW G14065HB | MWG PRESSURE VESSEL 14X65 4" + 4" BLUE | 44 | 420 | • | |
| BMW G16065HB | MWG PRESSURE VESSEL 16X65 4" + 4" BLUE | 44 | 420 | • | |
| BMW G18065HB | MWG PRESSURE VESSEL 18X65 4" + 4" BLUE | 44 | 420 | • | |
| BMW G21062HB | MWG PRESSURE VESSEL 21X62 4" + 4" BLUE | 44 | 420 | • | |
| BMW G24065HB | MWG PRESSURE VESSEL 24X65 4" + 4" BLUE | 44 | 420 | • | |
| BMW G24072HB | MWG PRESSURE VESSEL 24X72 4" + 4" BLUE | 44 | 420 | • | |
| BMW G30072HB | MWG PRESSURE VESSEL 30X72 4" + 4" BLUE | 44 | 420 | • | |
| BMW G36072HB | MWG PRESSURE VESSEL 36X72 4" + 4" BLUE | 44 | 420 | • | |

| Ref | Volume (Liters) | External D (mm) | A (mm) | B (mm) | C (mm) | H (mm) | Connection (Inch) |
|--------------|-----------------|-----------------|-----------|--------|--------|--------|-------------------|
| BMW G14065HB | 147,0 | 360 | 1856 ± 6 | 369 | 230 | 1386 | 4" |
| BMW G16065HB | 191,3 | 410 | 188 ± 6 | 430 | 250 | 1365 | 4" |
| BMW G18065HB | 242,3 | 464 | 1950 ± 01 | 480 | 320 | 1330 | 4" |
| BMW G21062HB | 312,7 | 541 | 1902 ± 01 | 555 | 330 | 1220 | 4" |
| BMW G24065HB | 426,5 | 615 | 1916 ± 01 | 610 | 246 | 1220 | 4" |
| BMW G24072HB | 477,5 | 615 | 2095 ± 01 | 610 | 240 | 1400 | 4" |
| BMW G30072HB | 726 | 750 | 2075 ± 01 | 762 | 235 | 1270 | 4" |
| BMW G36072HB | 1030,2 | 922 | 2190 ± 01 | 930 | 350 | 1170 | 4" |



| Certificates | Manufacturer | Sectors |
|----------------------------|--------------|------------------------|
| DM174-2004 ACS KTW CE, EAC | MWG | Commercial, Industrial |



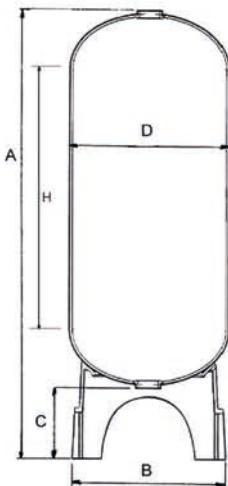
Structural Industrial Pressure Vessels With Top&Bottom Threaded Openings



- Made in European Union (Belgium);
- Composite pressure vessels PE liner reinforced with fiberglass and epoxy resin;
- For industrial and potable water treatment systems;
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Max operating pressure 10 bar;
- Max operating temperature 50°C;
- Top and bottom threaded connection 4"- 8UN;
- Cycle test 250.000 times from 0,7 to 10 bar;
- Burst test to 4 times max operating pressure;
- Blue colour;
- Warranty 5 years;
- Pressure vessels 30" and greater are shipped with vacuum breaker.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|---|------|----------|-------------|--|
| BSRT1465F7E | STRUCTURAL PRESSURE VESSEL 14X65 4" + 4" BLUE | 44 | 440 | • | |
| BSRT1665F7E | STRUCTURAL PRESSURE VESSEL 16X65 4" + 4" BLUE | 44 | 440 | • | |
| BSRT1865F7E | STRUCTURAL PRESSURE VESSEL 18X65 4" + 4" BLUE | 44 | 440 | • | |
| BSRT2160F7E | STRUCTURAL PRESSURE VESSEL 21X60 4" + 4" BLUE | 44 | 440 | • | |
| BSRT2469F7E | STRUCTURAL PRESSURE VESSEL 24X69 4" + 4" BLUE | 44 | 440 | • | |
| BSRT3072F7E | STRUCTURAL PRESSURE VESSEL 30X72 4" + 4" BLUE | 44 | 440 | • | |
| BSRT3672F7E | STRUCTURAL PRESSURE VESSEL 36X72 4" + 4" BLUE | 44 | 440 | • | |

| Ref | Volume (liters) | External D (mm) | A (mm) | B (mm) | C (mm) | H (mm) | Connection (Inch) |
|-------------|-----------------|-----------------|-----------|--------|--------|--------|-------------------|
| BSRT1465F7E | 140 | 369 | 2031 ± 20 | 488 | 381 | 1378 | 4" |
| BSRT1665F7E | 170 | 406 | 2031 ± 20 | 497 | 384 | 1371 | 4" |
| BSRT1865F7E | 250 | 469 | 2080 ± 20 | 554 | 404 | 1350 | 4" |
| BSRT2160F7E | 310 | 552 | 1923 ± 20 | 554 | 389 | 1155 | 4" |
| BSRT2469F7E | 440 | 610 | 2169 ± 20 | 620 | 422 | 1327 | 4" |
| BSRT3072F7E | 710 | 770 | 2248 ± 30 | 816 | 413 | 1313 | 4" |
| BSRT3672F7E | 1020 | 927 | 2305 ± 30 | 1001 | 408 | 1266 | 4" |



| Certificates | Manufacturer | Sectors |
|---------------------------------|--------------|------------------------|
| DM174-2004 ACS KTW WRAS CE, EAC | Pentair | Commercial, Industrial |



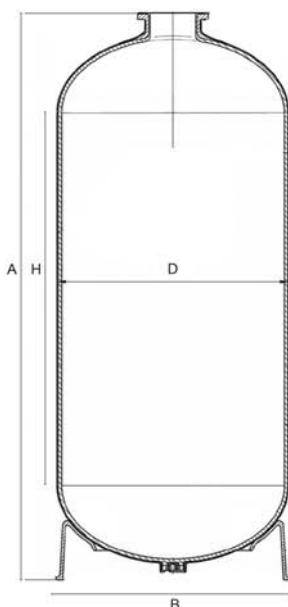
Structural Industrial Pressure Vessels With Flanged Top Opening



- Made in European Union (Belgium);
- Composite pressure vessels PE liner reinforced with fiberglass and epoxy resin;
- For industrial and potable water treatment systems;
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Max operating pressure 10 bar;
- Max operating temperature 65°C;
- 6" top connection;
- Cycle test 250.000 times from 0,7 to 10 bar;
- Burst test to 4 times max operating pressure;
- Blue colour;
- Warranty 5 years;
- Pressure vessels 30" and greater are shipped with vacuum breaker.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------------|--|------|--------------|----------------|--|
| BSRT1868A3E | STRUCTURAL PRESSURE VESSEL 18X68 6" BLUE | 44 | 442 | • | |
| BSRT2166A3E | STRUCTURAL PRESSURE VESSEL 21X66 6" BLUE | 44 | 442 | • | |
| BSRT2475A3E | STRUCTURAL PRESSURE VESSEL 24X75 6" BLUE | 44 | 442 | • | |
| BSRT3078A3E | STRUCTURAL PRESSURE VESSEL 30X78 6" BLUE | 44 | 442 | • | |
| BSRT3678A3E | STRUCTURAL PRESSURE VESSEL 36X78 6" BLUE | 44 | 442 | • | |

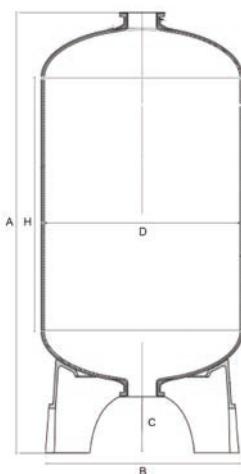
| Ref | Volume (Liters) | External D (mm) | A (mm) | B (mm) | H (mm) | Connection (Inch) |
|-------------|-----------------|--------------------|-----------|--------|--------|----------------------|
| BSRT1868A3E | 250 | 469 | 1777 ± 20 | 510 | 1344 | 6" |
| BSRT2166A3E | 310 | 552 | 1673 ± 20 | 510 | 1159 | 6" |
| BSRT2475A3E | 450 | 610 | 1908 ± 20 | 510 | 1320 | 6" |
| BSRT3078A3E | 710 | 770 | 2058 ± 30 | 768 | 1282 | 6" |
| BSRT3678A3E | 1020 | 927 | 2155 ± 30 | 768 | 1235 | 6" |



| Certificates | Manufacturer | Sectors |
|---------------------------------|--------------|------------|
| DM174-2004 ACS KTW WRAS CE, EAC | Pentair | Industrial |



MWG Industrial Pressure Vessels With Flanged Top&Bottom Openings



- Made in China;
- Composite pressure vessels PE liner reinforced with fiberglass and epoxy resin;
- For industrial and potable water treatment systems;
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Max operating pressure 10 bar;
- Max operating temperature 65°C;
- Top and bottom 6" flange connection;
- Cycle test 250.000 times from 0,7 to 10 bar;
- Burst test to 4 times max operating pressure; Blue colour;
- Warranty 5 years;
- Pressure vessels 30" and greater are shipped with vacuum breaker;
- For 63" pressure vessels, when you use a DN100 lower system, you have to raise the pressure vessel.

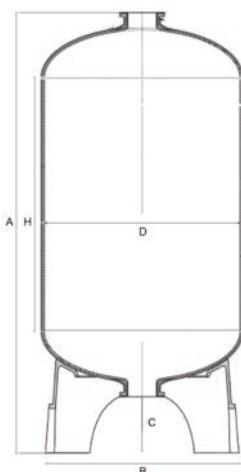
| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|--|------|----------|-------------|--|
| BMW G30072MB | MWG PRESSURE VESSEL 30X72 6" + 6" BLUE | 44 | 422 | • | |
| BMW G36072MB | MWG PRESSURE VESSEL 36X72 6" + 6" BLUE | 44 | 422 | • | |
| BMW G42063MB | MWG PRESSURE VESSEL 42X63 6"+6" BLUE | 43 | 422 | • | |
| BMW G42072MB | MWG PRESSURE VESSEL 42X72 6" + 6" BLUE | 44 | 422 | • | |
| BMW G48072MB | MWG PRESSURE VESSEL 48X72 6" + 6" BLUE | 44 | 422 | • | |
| BMW G63067MB | MWG PRESSURE VESSEL 63X67 6" + 6" BLUE | 44 | 422 | • | |
| BMW G63086MB | MWG PRESSURE VESSEL 63X86 6" + 6" BLUE | 44 | 422 | • | |

| Ref | Volume (litres) | External D (mm) | A (mm) | B (mm) | C (mm) | H (mm) | Connection (inch) |
|--------------|-----------------|-----------------|-----------|--------|--------|--------|-------------------|
| BMW G30072MB | 736 | 772 | 2245 ± 25 | 815 | 265 | 1260 | 6" |
| BMW G36072MB | 1045 | 925 | 2270 ± 25 | 920 | 285 | 1195 | 6" |
| BMW G42063MB | 1235 | 1085 | 2055 ± 25 | 1070 | 270 | 955 | 6" |
| BMW G42072MB | 1437 | 1085 | 2290 ± 25 | 1070 | 275 | 1185 | 6" |
| BMW G48072MB | 1784 | 1218 | 2275 ± 25 | 1230 | 260 | 1110 | 6" |
| BMW G63067MB | 2630 | 1608 | 2050 ± 25 | 1620 | 260 | 660 | 6" |
| BMW G63086MB | 3425 | 1608 | 2460 ± 25 | 1620 | 260 | 1100 | 6" |

| Certificates | Manufacturer | Sectors |
|----------------------------|--------------|------------|
| DM174-2004 ACS KTW CE, EAC | MWG | Industrial |



Structural Industrial Pressure Vessels With Flanged Top&Bottom Openings



- Made in European Union (Belgium);
- Composite pressure vessels PE liner reinforced with fiberglass and epoxy resin;
- For industrial and potable water treatment systems;
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Max operating pressure 10 bar;
- Max operating temperature 65°C;
- Top and bottom 6" flange connection;
- Cycle test 250.000 times from 0,7 to 10 bar;
- Burst test to 4 times max operating pressure;
- Blue colour; Warranty 5 years;
- Pressure vessels 30" and greater are shipped with vacuum breaker.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|--|------|----------|-------------|--|
| BSC1868F7 | STRUCTURAL PRESSURE VESSEL 18X68 6" + 6" BLUE | 44 | 442 | • | |
| BSC2166F7 | STRUCTURAL PRESSURE VESSEL 21X66 6" + 6" BLUE | 44 | 442 | • | |
| BSC2475F7 | STRUCTURAL PRESSURE VESSEL 24X75 6" + 6" BLUE | 44 | 442 | • | |
| BSC3078F7 | STRUCTURAL PRESSURE VESSEL 30X78 6" + 6" BLUE | 44 | 442 | • | |
| BSC3678F7 | STRUCTURAL PRESSURE VESSEL 36X78 6" + 6" BLUE | 44 | 442 | • | |
| BSRT4264F7E | STRUCTURAL PRESSURE VESSEL 42X64 6" + 6" BLUE | 44 | 442 | • | |
| BSC4278F7 | STRUCTURAL PRESSURE VESSEL 42X78 6" + 6" BLUE | 44 | 442 | • | |
| BSC4882F7 | STRUCTURAL PRESSURE VESSEL 48X82 6" + 6" BLUE | 44 | 442 | • | |
| BSC55104F7 | STRUCTURAL PRESSURE VESSEL 55X104 6" + 6" BLUE | 44 | 442 | | |
| BSC55120F7 | STRUCTURAL PRESSURE VESSEL 55X120 6" + 6" BLUE | 44 | 442 | | |
| BSC55130F7 | STRUCTURAL PRESSURE VESSEL 55X130 6" + 6" BLUE | 44 | 442 | | |
| BSC55140F7 | STRUCTURAL PRESSURE VESSEL 55X140 6" + 6" BLUE | 44 | 442 | | |
| BSRT6367F7E | STRUCTURAL PRESSURE VESSEL 63X67 6" + 6" BLUE | 44 | 442 | • | |
| BSRT6386F7E | STRUCTURAL PRESSURE VESSEL 63X86 6" + 6" BLUE | 44 | 442 | • | |
| BSC63103F7 | STRUCTURAL PRESSURE VESSEL 63X103 6" + 6" BLUE | 44 | 442 | | |
| BSC63113F7 | STRUCTURAL PRESSURE VESSEL 63X113 6" + 6" BLUE | 44 | 442 | | |
| BSC63123F7 | STRUCTURAL PRESSURE VESSEL 63X123 6" + 6" BLUE | 44 | 442 | | |

| Ref | Volume (litres) | External D (mm) | A (mm) | B (mm) | C (mm) | H (mm) | Connection (Inch) |
|-------------|-----------------|-----------------|-----------|--------|--------|--------|-------------------|
| BSC1868F7 | 250 | 469 | 2120 ± 20 | 545 | 340 | 1344 | 6" |
| BSC2166F7 | 310 | 552 | 2010 ± 20 | 545 | 368 | 1158 | 6" |
| BSC2475F7 | 450 | 610 | 2220 ± 20 | 620 | 354 | 1320 | 6" |
| BSC3078F7 | 710 | 770 | 2285 ± 30 | 778 | 365 | 1284 | 6" |
| BSC3678F7 | 1020 | 927 | 2330 ± 30 | 955 | 355 | 1272 | 6" |
| BSRT4264F7E | 1047 | 1074 | 2065 ± 30 | 1110 | 440 | 775 | 6" |
| BSC4278F7 | 1360 | 1074 | 2402 ± 30 | 1110 | 395 | 1162 | 6" |
| BSC4882F7 | 1840 | 1226 | 2442 ± 30 | 1270 | 387 | 1075 | 6" |
| BSC55104F7 | 2619 | 1429 | 2661 ± 30 | 1370 | 539 | 1106 | 6" |
| BSC55120F7 | 3220 | 1429 | 3061 ± 30 | 1370 | 545 | 1500 | 6" |
| BSC55130F7 | 3602 | 1429 | 3311 ± 30 | 1370 | 545 | 1750 | 6" |
| BSC55140F7 | 3984 | 1429 | 3561 ± 30 | 1370 | 545 | 2000 | 6" |
| BSRT6367F7E | 2484 | 1623 | 2075 ± 30 | 1570 | 355 | 594 | 6" |
| BSRT6386F7E | 3200 | 1623 | 2475 ± 30 | 1570 | 355 | 996 | 6" |
| BSC63103F7 | 4265 | 1623 | 3250 ± 30 | 1570 | 627 | 1500 | 6" |
| BSC63113F7 | 4760 | 1623 | 3500 ± 30 | 1570 | 627 | 1750 | 6" |
| BSC63123F7 | 5255 | 1623 | 3750 ± 30 | 1570 | 627 | 2000 | 6" |

| Certificates | Manufacturer | Sectors |
|---------------------------------|--------------|------------|
| DM174-2004 ACS KTW WRAS CE, EAC | Pentair | Industrial |



Pressure Vessels Accessories

Adapters



- adapter 4"- 8UN to 2 ½" - 8NPSM;
- with O-ring.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--------------------------------|------|----------|-------------|--|
| PV300 | ADAPTER 4"x2.1/2"NPSM W/O-RING | 45 | 201 | • | |
| PV307 | PVC ADAPTER 4"-8UN X 2" BSP | 45 | 201 | • | |

| Ref | Description | Material | Reduction to |
|-------|--------------------------------|--------------|--------------|
| PV300 | ADAPTER 4"x2.1/2"NPSM W/O-RING | PVC machined | 2½" - 8 NPSM |
| PV307 | PVC ADAPTER 4"-8UN X 2" BSP | PVC machined | 2" BSP |

Closures

- closure for 4"- 8UN tanks thread;
- with O-ring.



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--------------------------|------|----------|-------------|--|
| PV301 | CLOSURE 4"-8UN W/ O-RING | 45 | 201 | • | |

| Ref | Description | Material |
|-------|--------------------------|--------------|
| PV301 | CLOSURE 4"-8UN W/ O-RING | PVC machined |

6" closed flange



- Closed flange complete with bolts, nuts, washer and O-ring;
- Flange material PVC;
- Bolts material AISI 304.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| PV510B | 6" PVC FLANGED CLOSURE W/ O-RING AND SCREWS* | 45 | 201 | • | |

6" - 4" adapter



- 6" flanged adapter 4"-8UN, complete with bolts, nuts , washer and O-ring;
- Bolts material AISI 304.

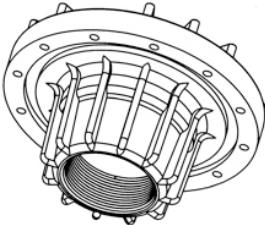
| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| PV511B | FLANGED ADAPTER 6"-4" 8UN W/ O-RING AND SCREWS* | 45 | 201 | • | |

| Ref | Description | Adapter material |
|--------|---|------------------|
| PV511B | FLANGED ADAPTER 6"-4" 8UN W/ O-RING AND SCREWS* | PVC |



Pressure Vessels Accessories

6" - 3" - 3" adapter



- 6" flanged x 3" x 3" BSP threaded adapter complete with bolts, nuts, washer and O-ring.;
- Flange material PPO;
- Bolts material AISI 304.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| PV509 | FLANGED ADAPTER 6" - 3" - 3" BSPP W/ O-RING AND SCREWS | 45 | 201 | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |

Aeration valve & vacuum breaker



- Aeration valve and vacuum breaker in PP;
- Connection 1 ½", drain ½";
- Max pressure 10 bar;
- Max temperature 65°C.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| PV308 | AERATION VALVE AND VACUUM BREAKER 1"1/2 | 45 | 201 | • | |
| PV308B | MWG AERATION VALVE AND VACUUM BREAKER 1" | 45 | 201 | • | |

Cylindrical diffusors

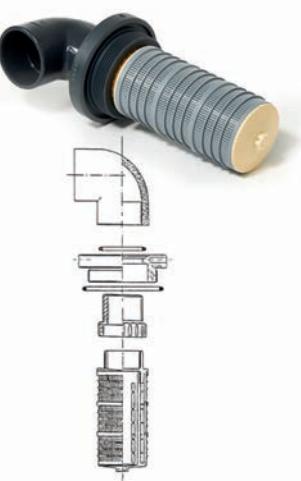


- Cylindrical diffusor for vessels with 4"- 8UN, for upper or lower installation;
- Outlet connection to glue D.63;
- 0,2 mm slots or 0,5 mm;
- Materials: adapter PVC, diffusor PP;
- Flow 20 m3/h at Δp 0,2 bar;
- A. union D63 (REF. PV329);
- B. adapter 4" with gasket (REF. PV332);
- C. reduction 2" M/F (REF. PV335);
- D. diffusor diameter 85 mm length 180 mm.(REF. PV340 0,2 mm slots – REF. PV342 0,5 mm slots).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PV351 | TOP/BOTTOM CYLINDRICAL DISTRIBUTOR 4"-8UN D.63 PIPE UNION DIFF. 0,2 MM* | 45 | 201 | • | |
| PV352 | TOP/BOTTOM CYLINDRICAL DISTRIBUTOR 4"-8UN D.63 PIPE UNION DIFF. 0,5 MM* | 45 | 201 | • | |

| Ref | Description | Fessure (mm) | Ø Bombole abbinabili |
|-------|---|--------------|----------------------|
| PV351 | TOP/BOTTOM CYLINDRICAL DISTRIBUTOR 4"-8UN D.63 PIPE UNION DIFF. 0,2 MM* | 0,2 | 14" ÷ 36" |
| PV352 | TOP/BOTTOM CYLINDRICAL DISTRIBUTOR 4"-8UN D.63 PIPE UNION DIFF. 0,5 MM* | 0,5 | 14" ÷ 36" |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |

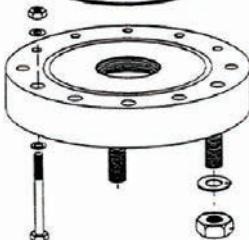
**Cylindrical diffusors with elbow**

- Cylindrical diffusor for vessel 4"-8UN, for upper installation;
- Outlet connection with elbow to glue D63;
- 0,2 mm slots or 0,5 mm
- Materials: adapter and elbow PVC, diffusor PP;
- Flow 20 m3/h at Δp 0,2 bar;
- Including:
- A. elbow D63 (REF. PV331);
- B. adapter 4" with gasket (REF. PV332);
- C. reduction 2" M/F (REF. PV335);
- D. diffusor con diameter 85 mm length 180 mm (REF.PV340 0,2 mm slots – REF.PV342 0,5 mm slots).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| PV350 | TOP CYLINDRICAL DISTRIBUTOR 4"-8UN X DN63 ELBOW DIFF. 0,2MM* | 45 | 201 | • | |
| PV349 | TOP CYLINDRICAL DISTRIBUTOR 4"-8UN X DN63 ELBOW DIFF. 0,5MM* | 45 | 201 | • | |

| Ref | Description | Slots (mm) | Ø Vessel |
|-------|--|------------|-----------|
| PV350 | TOP CYLINDRICAL DISTRIBUTOR 4"-8UN X DN63 ELBOW DIFF. 0,2MM* | 0,2 | 14" ÷ 36" |
| PV349 | TOP CYLINDRICAL DISTRIBUTOR 4"-8UN X DN63 ELBOW DIFF. 0,5MM* | 0,5 | 14" ÷ 36" |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |

**Flanged upper diffusers**

- Upper diffusor 6" flanged, complete with bolts, nuts, washer and O-ring;
- Flange material PVC;
- PP cylindrical diffusor 0,2 mm slots or 0,5 mm slots;
- Bolts material AISI 304.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| PV512 | TOP CYLINDRICAL DISTRIBUTOR FLANGED 6" X DN65 DIFF. 0,2MM* | 45 | 201 | • | |
| PV514 | TOP CYLINDRICAL DISTRIBUTOR FLANGED 6" X DN80 DIFF. 0,2MM* | 45 | 201 | • | |
| PV515 | TOP CYLINDRICAL DISTRIBUTOR FLANGED 6" X DN80 DIFF. 0,2 MM - 312 MM* | 45 | 201 | • | |
| PV553 | CYLINDRICAL DISTRIBUTOR FLANGED 6" DN 80 DIFF. 0,2 MM - 384 MM * | 45 | 201 | • | |
| PV518 | TOP CYLINDRICAL DISTRIBUTOR FLANGED 6" DN100 DIFF 0,2 MM - 384 MM* | 45 | 201 | • | |
| PV513 | TOP CYLINDRICAL DISTRIBUTOR FLANGED 6" X DN65 DIFF. 0,5MM* | 45 | 201 | • | |
| PV516 | TOP CYLINDRICAL DISTRIBUTOR FLANGED 6" DN80 DIFF 0,5 MM - 240 MM* | 45 | 201 | • | |
| PV517 | TOP CYLINDRICAL DISTRIBUTOR FLANGED 6" DN80 DIFF 0,5 MM - 312 MM* | 45 | 201 | • | |
| PV554 | CYLINDRICAL DISTRIBUTOR FLANGED 6" DN 80 DIFF. 0,5 MM - 384 MM * | 45 | 201 | • | |
| PV519 | TOP CYLINDRICAL DISTRIBUTOR FLANGED 6" DN100 DIFF 0,5 MM - 384 MM* | 45 | 201 | • | |

| Ref | Ø VESSEL | Ø Cylindrical diffusor (mm) | Cylindrical diffusor Lenght (mm) | Slots (mm) | Flow (m³/h) Δp 0,2 bar |
|-------|-----------|-----------------------------|----------------------------------|------------|------------------------|
| PV512 | 18" ÷ 36" | 85 | 284 | 0,2 | 20 |
| PV514 | 24" ÷ 36" | 120 | 240 | 0,2 | 30 |
| PV515 | 42" ÷ 48" | 120 | 312 | 0,2 | 36 |
| PV553 | 63" | 120 | 384 | 0,2 | 50 |
| PV518 | 63" | 120 | 384 | 0,2 | 60 |
| PV513 | 18" ÷ 36" | 85 | 284 | 0,5 | 20 |
| PV516 | 24" ÷ 36" | 120 | 240 | 0,5 | 30 |
| PV517 | 42" ÷ 48" | 120 | 312 | 0,5 | 36 |
| PV554 | 63" | 120 | 384 | 0,5 | 50 |
| PV519 | 63" | 120 | 384 | 0,5 | 60 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |



Pressure Vessels Accessories

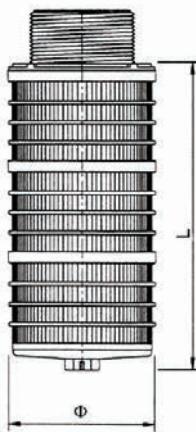
Cylindrical diffusers

- PP cylindrical diffuser with thread connection 2", 3" or 4";
- Slots 0,2 or 0,5 mm.



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| PV340 | CYLINDRICAL DIFFUSER 2" L=180-0.2 MM | 45 | 201 | • | |
| PV339 | CYLINDRICAL DIFFUSER 2" L=284 - 0,2MM | 45 | 201 | • | |
| PV341 | CYLINDRICAL DIFFUSER 2" L=338 - 0,2MM | 45 | 201 | • | |
| PV342 | CYLINDRICAL DIFFUSER 2" L=180 - 0,5MM | 45 | 201 | • | |
| PV343 | CYLINDRICAL DIFFUSER 2" L=284 - 0,5MM | 45 | 201 | • | |
| PV344 | CYLINDRICAL DIFFUSER 2" L=338 - 0,5MM | 45 | 201 | • | |
| PV364 | CYLINDRICAL DIFFUSER 3" L=240 - 0,2MM | 45 | 201 | • | |
| PV365 | CYLINDRICAL DIFFUSER 3" L=312 - 0,2 MM | 45 | 201 | • | |
| PV366 | CYLINDRICAL DIFFUSER 3" L=384 - 0,2 MM | 45 | 201 | • | |
| PV367 | CYLINDRICAL DIFFUSER 3" L=240 - 0,5 MM | 45 | 201 | • | |
| PV368 | CYLINDRICAL DIFFUSER 3" L=312 - 0,5 MM | 45 | 201 | • | |
| PV369 | CYLINDRICAL DIFFUSER 3" L=384 - 0,5 MM | 45 | 201 | • | |
| PV393 | CYLINDRICAL DIFFUSER 4" 8UN L=384 - 0,2 MM | 45 | 201 | • | |
| PV394 | CYLINDRICAL DIFFUSER 4" 8UN L=384 - 0,5 MM | 45 | 201 | • | |

| Ref | Connection | Ø Diameter(mm) | Lenght(mm) | Slots (mm) |
|-------|------------|----------------|------------|------------|
| PV340 | 2" | 85 | 180 | 0,2 |
| PV339 | 2" | 85 | 284 | 0,2 |
| PV341 | 2" | 85 | 338 | 0,2 |
| PV342 | 2" | 85 | 180 | 0,5 |
| PV343 | 2" | 85 | 284 | 0,5 |
| PV344 | 2" | 85 | 338 | 0,5 |
| PV364 | 3" | 120 | 240 | 0,2 |
| PV365 | 3" | 120 | 312 | 0,2 |
| PV366 | 3" | 120 | 384 | 0,2 |
| PV367 | 3" | 120 | 240 | 0,5 |
| PV368 | 3" | 120 | 312 | 0,5 |
| PV369 | 3" | 120 | 384 | 0,5 |
| PV393 | 4" | 120 | 384 | 0,2 |
| PV394 | 4" | 120 | 384 | 0,5 |



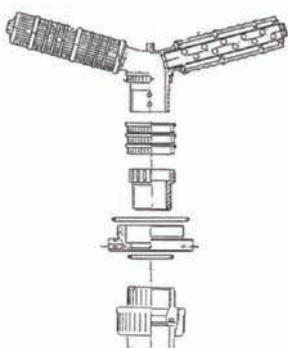
| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |



Lower lateral system

- Lower lateral system for vessels with 4" - 8UN opening;
- Outlet connection to glue D63;
- Slots 0,2 or 0,5 mm;
- Materials: adapter PVC, hub and laterals PP;
- Including:
- A. union D63 (REF. PV329);
- B. adapter 4" with O-rings (REF. PV332);
- C. reduction 2" M/F (REF. PV335);
- D. n.3 spacers (REF. PV337);
- E. hub (REF. PV336);
- F. N.5 laterals diameter 54 mm, length = see table.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| PV353 | LOWER LATERAL SYSTEM 4"-8UN X D.63 PRES.VES. 14"-16"-18" SLOTS 0,2 MM* | 45 | 201 | • | |
| PV354 | LOWER LATERAL SYSTEM 4"-8UN X D.63 PRES.VES.21"-24" SLOTS 0,2 MM* | 45 | 201 | • | |
| PV355 | LOWER LATERAL SYSTEM 4"-8UN X D.63 PRES.VES.30" SLOTS 0,2 MM* | 45 | 201 | • | |
| PV356 | LOWER LATERAL SYSTEM 4"-8UN X D.63 PRES.VES.36" SLOTS 0,2 MM* | 45 | 201 | • | |
| PV360 | LOWER LATERAL SYSTEM 4"-8UN X D.63 PRES.VES.14"-16"-18" SLOTS 0,5MM* | 45 | 201 | • | |
| PV361 | LOWER LATERAL SYSTEM 4"-8UN X D.63 PRES.VES.21"-24" SLOTS 0,5MM* | 45 | 201 | • | |
| PV362 | LOWER LATERAL SYSTEM 4"-8UN X D.63 PRES.VES.30" SLOTS 0,5MM* | 45 | 201 | • | |
| PV363 | LOWER LATERAL SYSTEM 4"-8UN X D.63 PRES.VES.36" SLOTS 0,5MM* | 45 | 201 | • | |

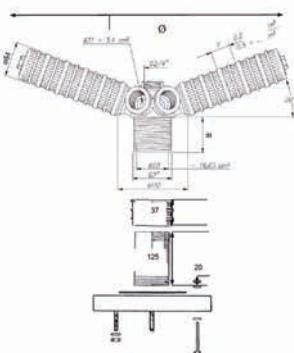


| Ref | Slots (mm) | Ø Vessel | Flow(m³/h) Δp 0,2 bar | Lateral lenght (mm) |
|-------|------------|-----------------|-----------------------|---------------------|
| PV353 | 0,2 | 14" - 16" - 18" | 16 | 113 |
| PV354 | 0,2 | 21" - 24" | 17 | 175 |
| PV355 | 0,2 | 30" | 18 | 237 |
| PV356 | 0,2 | 36" | 20 | 299 |
| PV360 | 0,5 | 14" - 16" - 18" | 16 | 113 |
| PV361 | 0,5 | 21" - 24" | 17 | 175 |
| PV362 | 0,5 | 30" | 18 | 237 |
| PV363 | 0,5 | 36" | 20 | 299 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |



Pressure Vessels Accessories



Lower lateral systems with 6 laterals hub for flanged pressure vessels

- Lower lateral system for 6" flanged pressure vessels;
- Flange material PVC;
- Complete with AISI 304 bolts and washer;
- Hub at 6 laterals;
- Laterals in PP, slots 0,2 or 0,5 mm, length as table below.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|-------------|----------------|--|
| PV520 | LOWER LATERAL SYSTEM FLANG. 6" DN65 PRES.VES. 18"-21" SLOTS 0,2MM* | 45 | 201 | • | |
| PV521 | LOWER LATERAL SYSTEM FLANG. 6" DN65 PRES.VES.24" SLOTS 0,2MM* | 45 | 201 | • | |
| PV522 | LOWER LATERAL SYSTEM FLANG. 6" DN65 PRES.VES.30" SLOTS 0,2MM* | 45 | 201 | • | |
| PV523 | LOWER LATERAL SYSTEM FLANG. 6" DN65 PRES.VES.36" SLOTS 0,2MM* | 45 | 201 | • | |
| PV524 | LOWER LATERAL SYSTEM FLANG. 6"-DN65 PRES.VES. 18"-21" DIFF. 0,5MM* | 45 | 201 | • | |
| PV525 | LOWER LATERAL SYSTEM FLANG. 6" DN65 PRES.VES.24" SLOTS 0,5MM* | 45 | 201 | • | |
| PV526 | LOWER LATERAL SYSTEM FLANG. 6" DN65 PRES.VES. 30" SLOTS 0,5MM* | 45 | 201 | • | |
| PV527 | LOWER LATERAL SYSTEM FLANG. 6" DN65 PRES.VES.36" SLOTS 0,5MM* | 45 | 201 | • | |

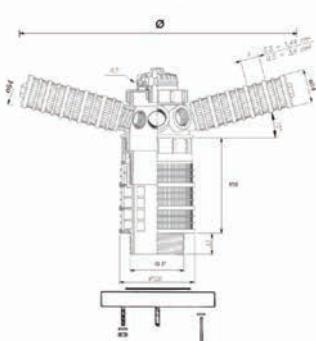
| Ref | Ø Vessel | Connection | Lateral lenght (mm) | Ø Diameter (mm) | Slots (mm) | Flow (m³/h) Δ0,2 bar p |
|-------|-----------|------------|---------------------|-----------------|------------|------------------------|
| PV520 | 18" - 21" | DN 65 | 144 | 374 | 0,2 | 16 |
| PV521 | 24" | DN 65 | 175 | 432 | 0,2 | 17 |
| PV522 | 30" | DN 65 | 237 | 549 | 0,2 | 18 |
| PV523 | 36" | DN 65 | 299 | 665 | 0,2 | 20 |
| PV524 | 18" - 21" | DN 65 | 144 | 374 | 0,5 | 16 |
| PV525 | 24" | DN 65 | 175 | 432 | 0,5 | 17 |
| PV526 | 30" | DN 65 | 237 | 549 | 0,5 | 18 |
| PV527 | 36" | DN 65 | 299 | 665 | 0,5 | 20 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |


Lower lateral systems with 8 laterals hub for flanged pressure vessels

- Lower lateral system for 6" flanged pressure vessels;
- Flange material PVC;
- Complete with AISI 304 bolts and washer;
- Hub at 8 laterals;
- Laterals in PP, slots 0,2 or 0,5 m

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------|---|------|--------------|----------------|--|
| PV522A | LOWER LATERAL SYSTEM FLANG. 6"-DN65 HF PRES.VES. 30" DIFF. 0,2MM* | 45 | 201 | • | |
| PV523A | LOWER LATERAL SYSTEM FLANG. 6" DN65 HF PRES.VES.36" SLOTS 0,2MM* | 45 | 201 | • | |
| PV528 | LOWER LATERAL SYSTEM FLANG. 6" DN80 PRES.VES.24" SLOTS 0,2MM* | 45 | 201 | • | |
| PV529 | LOWER LATERAL SYSTEM FLANG. 6" DN80 PRES.VES.30" SLOTS 0,2MM* | 45 | 201 | • | |
| PV530 | LOWER LATERAL SYSTEM FLANG. 6" DN80 PRES.VES.36" SLOTS 0,2MM* | 45 | 201 | • | |
| PV526A | LOWER LATERAL SYSTEM FLANG. 6" DN65 HF PRES.VES.30" SLOTS 0,5MM* | 45 | 201 | • | |
| PV527A | LOWER LATERAL SYSTEM FLANG. 6" DN65 HF PRES.VES.36" SLOTS 0,5MM* | 45 | 201 | • | |
| PV531 | LOWER LATERAL SYSTEM FLANG. 6" DN80 PRES.VES.24" SLOTS 0,5MM* | 45 | 201 | • | |
| PV532 | LOWER LATERAL SYSTEM FLANG. 6" DN80 PRES.VES.30" SLOTS 0,5MM* | 45 | 201 | • | |
| PV533 | LOWER LATERAL SYSTEM FLANG. 6" DN80 PRES.VES.36" SLOTS 0,5MM* | 45 | 201 | • | |



| Ref | Ø Vessel | Connection | Lateral lenght (mm) | Ø Diameter | Slots (mm) | Flow (m³/h) Δp 0,2 bar |
|--------|----------|------------|------------------------|------------|------------|---------------------------|
| PV522A | 30" | DN 65 | 237 | 580 | 0,2 | 28 |
| PV523A | 36" | DN 65 | 299 | 699 | 0,2 | 30 |
| PV528 | 24" | DN 80 | 175 | 461 | 0,2 | 26 |
| PV529 | 30" | DN 80 | 237 | 580 | 0,2 | 28 |
| PV530 | 36" | DN 80 | 299 | 699 | 0,2 | 30 |
| PV526A | 30" | DN 65 | 237 | 580 | 0,5 | 28 |
| PV527A | 36" | DN 65 | 299 | 699 | 0,5 | 30 |
| PV531 | 24" | DN 80 | 175 | 461 | 0,5 | 26 |
| PV532 | 30" | DN 80 | 237 | 580 | 0,5 | 28 |
| PV533 | 36" | DN 80 | 299 | 699 | 0,5 | 30 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |



Pressure Vessels Accessories



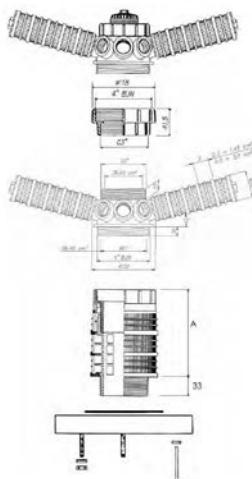
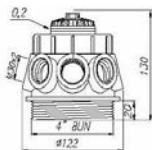
Lower double lateral systems for flanged pressure vessels

- Lower double lateral system for 6" flanged pressure vessels;
- Flange material PVC, bolts in AISI 304;
- Complete with bolts and washer;
- Double hub at 8 + 8 laterals;
- Laterals in PP, slots 0,2 or 0,5 mm, length as table below.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PV555 | LOWER LATERAL SYSTEM FLANG. 6" DN80 PRES.VES.63" SLOTS 0,2 MM* | 45 | 201 | • | |
| PV538 | LOWER LATERAL SYSTEM FLANG 6" DN100 PRES. VES. 63" DIFF 0,2 MM* | 45 | 201 | • | |
| PV556 | LOWER LATERAL SYSTEM FLANG. 6" DN80 PRES.VES.63" SLOTS 0,5 MM* | 45 | 201 | • | |
| PV539 | LOWER LATERAL SYSTEM FLANG. 6" DN100 PRES.VES.63" SLOTS 0,5 MM* | 45 | 201 | • | |

| Ref | Lateral quantity | A (mm) | Slots (mm) | Flow (m ³ /h) Δp 0,2 bar | Diffusor lenght (mm) | Ø System diameter (mm) |
|-------|------------------|--------|------------|-------------------------------------|----------------------|------------------------|
| PV555 | 8 + 8 | 190 | 0,2 | 50 | 578-640 | 1239-1359 |
| PV538 | 8 + 8 | 190 | 0,2 | 60 | 578-640 | 1239-1359 |
| PV556 | 8 + 8 | 190 | 0,5 | 50 | 578-640 | 1239-1359 |
| PV539 | 8 + 8 | 190 | 0,5 | 60 | 578-640 | 1239-1359 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| PV534 | LOWER LATERAL SYSTEM FLANG. 6" DN80 PRES.VES.42" SLOTS 0,2 MM* | 45 | 201 | • | |
| PV535 | LOWER LATERAL SYSTEM FLANG. 6" DN80 PRES. VES. 48" DIFF. 0,2 MM* | 45 | 201 | • | |
| PV536 | LOWER LATERAL SYSTEM FLANG. 6" DN80 PRES.VES.42" SLOTS 0,5 MM* | 45 | 201 | • | |
| PV537 | LOWER LATERAL SYSTEM FLANG. 6" DN80 PRES.VES.48" SLOTS 0,5 MM* | 45 | 201 | • | |

| Ref | Lateral quantity | A (mm) | Slots (mm) | Flow (m ³ /h) Δp 0,2 bar | Diffusor lenght (mm) | Ø Systems (mm) |
|-------|------------------|--------|------------|-------------------------------------|----------------------|----------------|
| PV534 | 8 + 8 | 150 | 0,2 | 32 | 361-423 | 819-939 |
| PV535 | 8 + 8 | 150 | 0,2 | 36 | 423-485 | 939-1059 |
| PV536 | 8 + 8 | 150 | 0,5 | 32 | 361-423 | 819-939 |
| PV537 | 8 + 8 | 150 | 0,5 | 36 | 423-485 | 939-1059 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |



Pressure Vessels Accessories

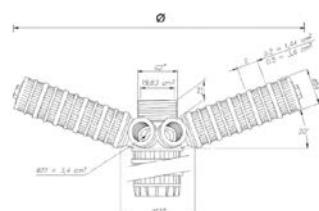


Top mount lower lateral systems for flanged pressure vessels

- Lower lateral system for 6" flanged pressure vessels for top mount valve, with 6 laterals;
- Material hub and laterals PP, length as table below;
- Slots 0,2 or 0,5 mm;
- To install with 2" adapter for the needed riser tube diameter.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| PV540 | LOWER LATERAL SYSTEM TOP MOUNT PRES.VES. 18"-21" SLOTS 0,2 MM* | 45 | 201 | • | |
| PV544 | LOWER LATERAL SYSTEM TOP MOUNT PRES.VES. 18"-21" SLOTS 0,5 MM* | 45 | 201 | • | |

| Ref | Ø Vessel | Diffusor lenght (mm) | Ø Diameter (mm) | Slots (mm) | Flow (m³/h) Δp 0,2 bar |
|-------|-----------|----------------------|-----------------|------------|------------------------|
| PV540 | 18" - 21" | 144 | 374 | 0,2 | 16 |
| PV544 | 18" - 21" | 144 | 374 | 0,5 | 16 |



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| PV541 | LOWER LATERAL SYSTEM TOP MOUNT PRES.VES. 24" SLOTS 0,2 MM* | 45 | 201 | • | |
| PV545 | LOWER LATERAL SYSTEM TOP MOUNT PRES.VES. 24" DIFF. 0,5 MM* | 45 | 201 | • | |

| Ref | Vessel | Diffusor lenght (mm) | Ø Diameter (mm) | Slots (mm) | Flow (m³/h) Δp 0,2 bar |
|-------|--------|----------------------|-----------------|------------|------------------------|
| PV541 | 24" | 175 | 432 | 0,2 | 17 |
| PV545 | 24" | 175 | 432 | 0,5 | 17 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |



Pressure Vessels Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| PV542 | LOWER LATERAL SYSTEM TOP MOUNT PRES.VES. 30" SLOTS 0,2 MM* | 45 | 201 | • | |
| PV546 | LOWER LATERAL SYSTEM TOP MOUNT PRES.VES. 30" SLOTS 0,5 MM* | 45 | 201 | • | |

| Ref | Ø Vessel | Diffusor lenght (mm) | Ø Diameter (mm) | Slots (mm) | Flow (m³/h) Δp 0,2 bar |
|-------|----------|----------------------|-----------------|------------|------------------------|
| PV542 | 30" | 237 | 549 | 0,2 | 18 |
| PV546 | 30" | 237 | 549 | 0,5 | 18 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| PV543 | LOWER LATERAL SYSTEM TOP MOUNT PRES.VES. 36" SLOTS 0,2 MM* | 45 | 201 | • | |
| PV547 | LOWER LATERAL SYSTEM TOP MOUNT PRES.VES. 36" SLOTS 0,5 MM* | 45 | 201 | • | |

| Ref | Ø Vessel | Diffusor lenght (mm) | Ø Diameter (mm) | Slots (mm) | Flow (m³/h) Δp 0,2 bar |
|-------|----------|----------------------|-----------------|------------|------------------------|
| PV543 | 36" | 299 | 665 | 0,2 | 20 |
| PV547 | 36" | 299 | 665 | 0,5 | 20 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |

2" gas adapter

- 2" GAS adapters with connection to glue;
- Material PVC.

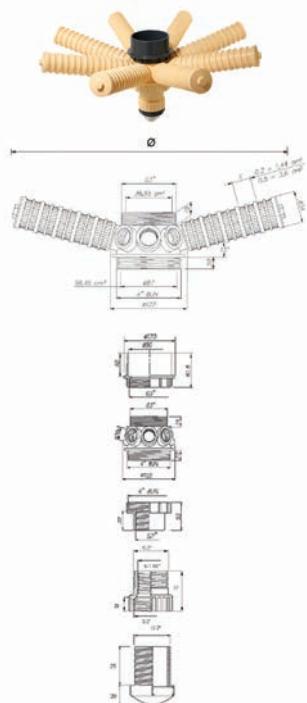
| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--------------------------------|------|----------|-------------|--|
| PV384 | ADAPTER F/F 2"x41,8 MM TO GLUE | 45 | 201 | • | |
| PV385 | ADAPTER F/F 2"x48,3 MM TO GLUE | 45 | 201 | • | |
| PV386 | ADAPTER F/F 2"x50 MM TO GLUE | 45 | 201 | • | |
| PV387 | ADAPTER F/F 2"x63 MM TO GLUE | 45 | 201 | • | |

| Ref | Description | Connection to glue (mm) |
|-------|--------------------------------|-------------------------|
| PV384 | ADAPTER F/F 2"x41,8 MM TO GLUE | 41,8 |
| PV385 | ADAPTER F/F 2"x48,3 MM TO GLUE | 48,3 |
| PV386 | ADAPTER F/F 2"x50 MM TO GLUE | 50,0 |
| PV387 | ADAPTER F/F 2"x63 MM TO GLUE | 63,0 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |



Pressure Vessels Accessories



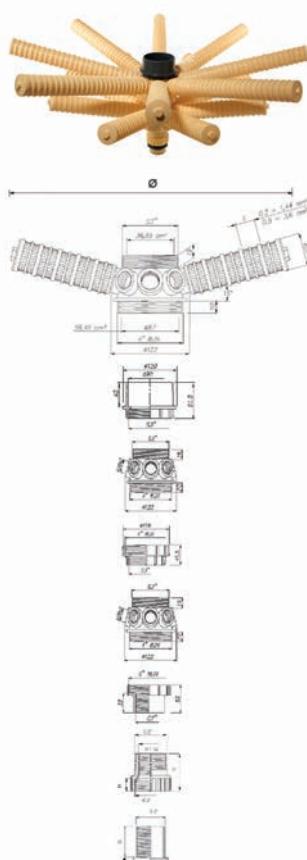
Top mount lower lateral systems for tubes diameter 90 mm

- Lower lateral system for 6" flanged pressure vessels for top mount valve, with 8 laterals;
- Material hub and laterals PP, length as table below;
- Slots 0,2;
- To glue on tube diameter 90 mm.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PV548 | LOWER LATERAL SYSTEM TOP MOUNT PRES.VES. 30" FOR TUBE 90 MM SLOTS 0,2 M | 45 | 201 | • | |
| PV549 | LOWER LATERAL SYSTEM TOP MOUNT PRES.VES. 36" TUBE 90 MM SLOTS 0,2 MM* | 45 | 201 | • | |

| Ref | Diffusor lenght (mm) | Ø Diameter | Slots (mm) | Flow (m³/h) Δp 0,2 bar |
|-------|----------------------|------------|------------|------------------------|
| PV548 | 237 | 580 | 0,2 | 28 |
| PV549 | 299 | 699 | 0,2 | 30 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |



Top mount lower double lateral systems for tubes diameter 90 mm

- Lower lateral system for 6" flanged pressure vessels for top mount valve, with 8+8 laterals;
- Material hub and laterals PP, length as table below;
- Slots 0,2;
- To glue on tube diameter 90 mm.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PV550 | LOWER LATERAL SYSTEM TOP MOUNT PRES.VES. 42" FOR TUBE 90 MM SLOTS 0,2 M | 45 | 201 | • | |
| PV551 | LOWER LATERAL SYSTEM TOP MOUNT PRES.VES. 48" TUBE 90 MM SLOTS 0,2 MM* | 45 | 201 | • | |

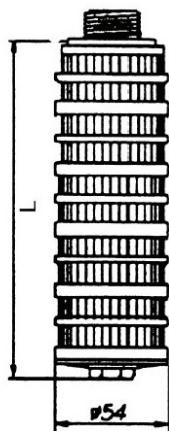
| Ref | Laterals quantity | Lateral lenght (mm) | Ø Diameter (mm) | Slots(mm) | Flow (m³/h) Δp 0,2 bar |
|-------|-------------------|---------------------|-----------------|-----------|------------------------|
| PV550 | 8 + 8 | 299-423 | 699-939 | 0,2 | 31 |
| PV551 | 8 + 8 | 361-485 | 361-485 | 0,2 | 34 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |



Pressure Vessels Accessories



Cylindrical laterals

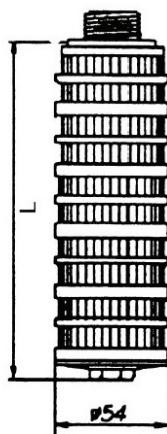
- Cylindrical laterals with threaded connection M 30x2;
- Material PP;
- Diameter 54 mm;
- Slots 0,2 or 0,5 mm.

Laterals with 0,2 mm slots

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| PV345 | LATERAL DIFFUSER M 30 X 2 L=113 - 0,2 MM | 45 | 201 | • | |
| PV370 | LATERAL DISTRIBUTOR M 30X2 L=144 - 0,2MM | 45 | 201 | • | |
| PV346 | LATERAL DIFFUSER M 30 X 2 L=175 - 0,2 MM | 45 | 201 | • | |
| PV371 | LATERAL DISTRIBUTOR M 30X2 L=206 - 0,2MM | 45 | 201 | • | |
| PV347 | LATERAL DIFFUSER M 30 X 2 L=237 - 0,2 MM | 45 | 201 | • | |
| PV348 | LATERAL DIFFUSER M 30 X 2 L=299 - 0,2 MM | 45 | 201 | • | |
| PV372 | LATERAL DISTRIBUTOR M 30X2 L=361 - 0,2MM | 45 | 201 | • | |
| PV373 | LATERAL DISTRIBUTOR M 30X2 L=423 - 0,2MM | 45 | 201 | • | |
| PV374 | LATERAL DISTRIBUTOR M 30X2 L=485 - 0,2MM | 45 | 201 | • | |
| PV389 | LATERAL DIFFUSER M 30X2 L=578 - 0,2 MM | 45 | 201 | • | |
| PV391 | LATERAL DIFFUSER M30x2 L = 640 MM SLOTS 0,2 MM | 45 | 201 | • | |

| Ref | Description | L (mm) |
|-------|--|--------|
| PV345 | LATERAL DIFFUSER M 30 X 2 L=113 - 0,2 MM | 113 |
| PV370 | LATERAL DISTRIBUTOR M 30X2 L=144 - 0,2MM | 144 |
| PV346 | LATERAL DIFFUSER M 30 X 2 L=175 - 0,2 MM | 175 |
| PV371 | LATERAL DISTRIBUTOR M 30X2 L=206 - 0,2MM | 206 |
| PV347 | LATERAL DIFFUSER M 30 X 2 L=237 - 0,2 MM | 237 |
| PV348 | LATERAL DIFFUSER M 30 X 2 L=299 - 0,2 MM | 299 |
| PV372 | LATERAL DISTRIBUTOR M 30X2 L=361 - 0,2MM | 361 |
| PV373 | LATERAL DISTRIBUTOR M 30X2 L=423 - 0,2MM | 423 |
| PV374 | LATERAL DISTRIBUTOR M 30X2 L=485 - 0,2MM | 485 |
| PV389 | LATERAL DIFFUSER M 30X2 L=578 - 0,2 MM | 578 |
| PV391 | LATERAL DIFFUSER M30x2 L = 640 MM SLOTS 0,2 MM | 640 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |



Cylindrical laterals

- Cylindrical laterals with threaded connection M 30x2;
- Material PP;
- Diameter 54 mm;
- Slots 0,2 or 0,5 mm.

Laterals with 0,5 mm slots

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|--|------|--------------|----------------|--|
| PV375 | LATERAL DISTRIBUTOR M 30X2 L=113 - 0,5MM | 45 | 201 | • | |
| PV376 | LATERAL DISTRIBUTOR M 30X2 L=144 - 0,5MM | 45 | 201 | • | |
| PV377 | LATERAL DISTRIBUTOR M 30X2 L=175 - 0,5MM | 45 | 201 | • | |
| PV378 | LATERAL DISTRIBUTOR M 30X2 L=206 - 0,5MM | 45 | 201 | • | |
| PV379 | LATERAL DISTRIBUTOR M 30X2 L=237 - 0,5MM | 45 | 201 | • | |
| PV380 | LATERAL DISTRIBUTOR M 30X2 L=299 - 0,5MM | 45 | 201 | • | |
| PV381 | LATERAL DISTRIBUTOR M 30X2 L=361 - 0,5MM | 45 | 201 | • | |
| PV382 | LATERAL DISTRIBUTOR M 30X2 L=423 - 0,5MM | 45 | 201 | • | |
| PV383 | LATERAL DISTRIBUTOR M 30X2 L=485 - 0,5MM | 45 | 201 | • | |
| PV390 | LATERAL DIFFUSER M30x2 L = 578 MM SLOTS 0,5 MM | 45 | 201 | • | |
| PV392 | LATERAL DIFFUSER M 30X2 L=640 - 0,5 MM | 45 | 201 | • | |

| Ref | Description | L (mm) |
|-------|--|--------|
| PV375 | LATERAL DISTRIBUTOR M 30X2 L=113 - 0,5MM | 113 |
| PV376 | LATERAL DISTRIBUTOR M 30X2 L=144 - 0,5MM | 144 |
| PV377 | LATERAL DISTRIBUTOR M 30X2 L=175 - 0,5MM | 175 |
| PV378 | LATERAL DISTRIBUTOR M 30X2 L=206 - 0,5MM | 206 |
| PV379 | LATERAL DISTRIBUTOR M 30X2 L=237 - 0,5MM | 237 |
| PV380 | LATERAL DISTRIBUTOR M 30X2 L=299 - 0,5MM | 299 |
| PV381 | LATERAL DISTRIBUTOR M 30X2 L=361 - 0,5MM | 361 |
| PV382 | LATERAL DISTRIBUTOR M 30X2 L=423 - 0,5MM | 423 |
| PV383 | LATERAL DISTRIBUTOR M 30X2 L=485 - 0,5MM | 485 |
| PV390 | LATERAL DIFFUSER M30x2 L = 578 MM SLOTS 0,5 MM | 578 |
| PV392 | LATERAL DIFFUSER M 30X2 L=640 - 0,5 MM | 640 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |



Pressure Vessels Accessories



Flange coupling kit

- For 6" flanged pressure vessels;
- Including flange adaptor and coupling flange in PVC;
- With gasket in EPDM.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|------------------------------------|------|----------|-------------|--|
| PV594M | FLANGE COUPLING KIT DN65-D75-2"1/2 | 45 | 210 | • | |
| PV595M | FLANGE COUPLING KIT DN80-D90-3" | 45 | 210 | • | |
| PV596M | FLANGE COUPLING KIT DN100-D110-4" | 45 | 210 | • | |

| Ref | Description | Connection |
|--------|------------------------------------|------------|
| PV594M | FLANGE COUPLING KIT DN65-D75-2"1/2 | DN65 |
| PV595M | FLANGE COUPLING KIT DN80-D90-3" | DN80 |
| PV596M | FLANGE COUPLING KIT DN100-D110-4" | DN100 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |

PV295

Mineral tank funnels

- The tank funnels are designed for filling mineral tanks with granular media and ion exchange resin;
- The funnels are designed to fit 2.5", 4" and 6" mineral tank openings;
- These economical funnels are nestable to reduce shipping and storage costs;
- The funnel ref. PV395 snaps into a 4" or 6" mineral tank opening for stability when pouring media. The neck of the funnel has been carefully designed to allow trapped air inside the mineral tank to escape when media is poured in. This heavy duty part is blow molded out of high density polyethylene for exceptional strength and durability. The oval design provides an extra wide opening for ease of use when pouring. Handles are molded into the funnel for added convenience.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-----------------------------|------|----------|-------------|--|
| PV295 | MINERAL TANK FUNNEL 2.5" | 45 | 196 | • | |
| PV395 | MINERAL TANK FUNNEL 4" - 6" | 45 | 201 | • | |

PV395

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| | | Domestic, Commercial, Industrial |



WELLMATE Pressure Vessels



- Pressure Vessels, suitable for industrial and potable water treatment systems;
- Made in U.S.A.;
- In Polyether Urethane (PEU);
- Max operating external temperature 50°C;
- Max operating internal temperature 38°C;
- Min. operating temperature 4°C;
- Grey colour;
- Warranty 5 years.

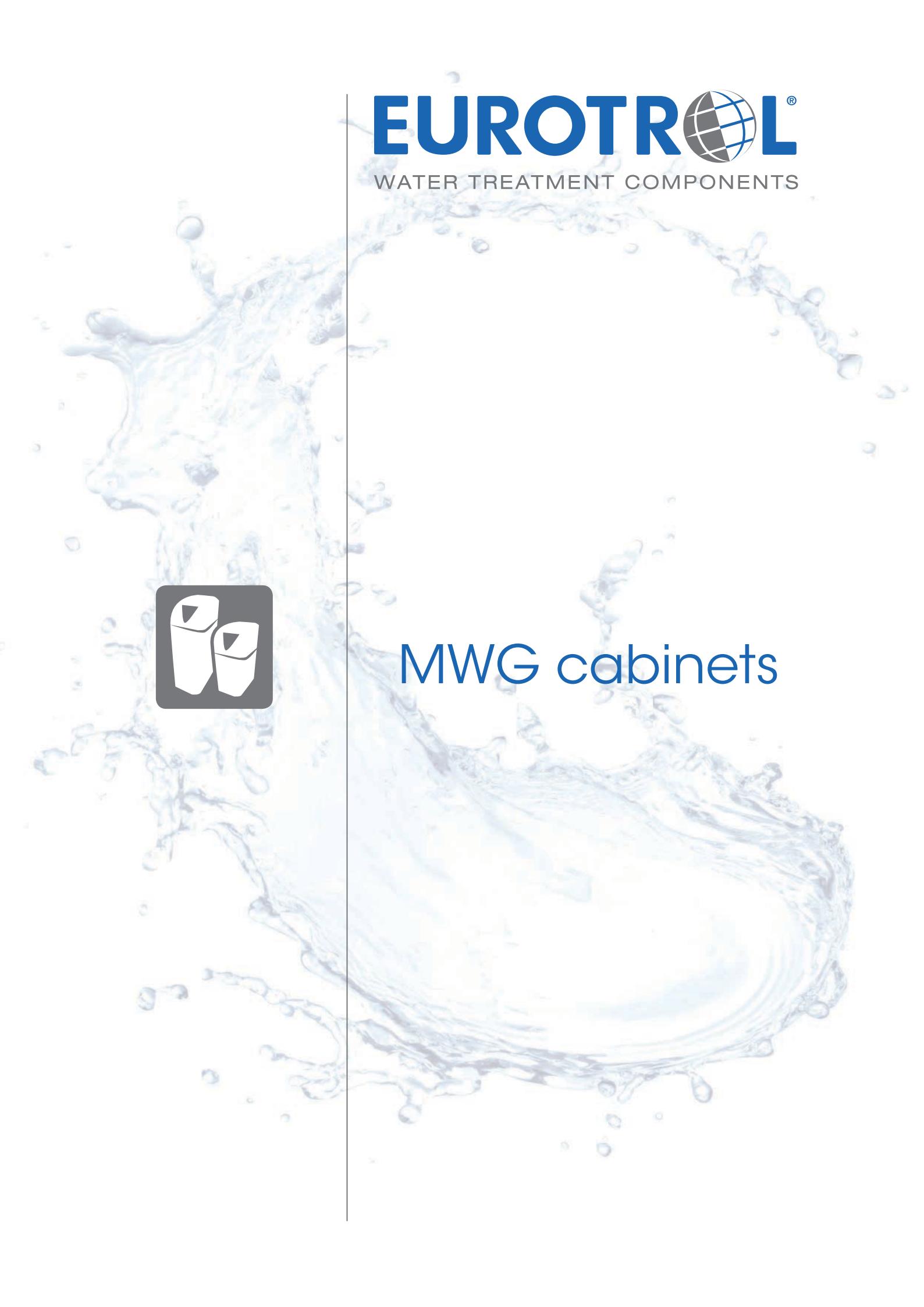
| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|-------------|----------------|--|
| BWM0060 | WELLMATE PEU 8.5 BAR - 55 LT - 1" | 100 | 460 | | |
| BWM0075 | WELLMATE PEU 8.5 BAR - 75 LT - 1" | 100 | 460 | | |
| BWM0120 | WELLMATE PEU 8.5 BAR - 112 LT - 1" | 100 | 460 | | |
| BWM-HP-110 | WELLMATE HYDROPNEUMATIC 5 BAR - 114 LT - 1 1/4" | 100 | 460 | | |
| BWM-HP-150 | WELLMATE HYDROPNEUMATIC 5 BAR - 151 LT - 1 1/4" | 100 | 460 | | |
| BWM0150 | WELLMATE PEU 8.5 BAR - 153 LT - 1" | 100 | 460 | | |
| BWM-HP-300 | WELLMATE HYDROPNEUMATIC 5 BAR - 303 LT - 1 1/4" | 100 | 460 | | |
| BWM0180 | WELLMATE PEU 8.5 BAR - 178 LT - 1" 1/4" | 100 | 460 | | |
| BWM0235 | WELLMATE PEU 8.5 BAR - 235 LT - 1" 1/4" | 100 | 460 | | |
| BWM0330 | WELLMATE PEU 8.5 BAR - 328 LT - 1" 1/4" | 100 | 460 | | |
| BWM0450 | WELLMATE PEU 8.5 BAR - 453 LT - 1" 1/4" | 100 | 460 | | |
| BWM-LP-075 | WELLMATE PEU LOW PROFILE 8.5 BAR - 73 LT - 1" | 100 | 460 | | |
| BWM-LP-130 | WELLMATE PEU LOW PROFILE 8.5 BAR - 131 LT - 1" | 100 | 460 | | |
| BWM-HP-450 | WELLMATE HYDROPNEUMATIC 5 BAR - 454 LT - 1 1/4" | 100 | 460 | | |

| Ref | Diameter (mm) | Total Height (mm) | In-Out Height from the floor(mm) | Connection (Inch) | Weight (kg) |
|------------|---------------|-------------------|----------------------------------|-------------------|-------------|
| BWM0060 | 410 | 660 | 44 | 1" NPT M | 7 |
| BWM0075 | 410 | 810 | 44 | 1" NPT M | 8 |
| BWM0120 | 410 | 1120 | 44 | 1" NPT M | 11 |
| BWM-HP-110 | 410 | 1110 | 38 | 1" 1/4" NPT M | 12 |
| BWM-HP-150 | 410 | 1440 | 38 | 1" 1/4" NPT M | 13 |
| BWM0150 | 530 | 1570 | 57 | 1" NPT M | 30 |
| BWM-HP-300 | 530 | 1570 | 51 | 1" 1/4" NPT M | 16 |
| BWM0180 | 610 | 1050 | 57 | 1" 1/4" NPT M | 23 |
| BWM0235 | 610 | 1400 | 57 | 1" 1/4" NPT M | 33 |
| BWM0330 | 610 | 1400 | 57 | 1" 1/4" NPT M | 33 |
| BWM0450 | 610 | 1890 | 57 | 1" 1/4" NPT M | 43 |
| BWM-LP-075 | 610 | 510 | 57 | 1" NPT M | 11 |
| BWM-LP-130 | 610 | 710 | 57 | 1" NPT M | 14 |
| BWM-HP-450 | 610 | 1840 | 51 | 1" 1/4" NPT M | 29 |

| Certificates | Manufacturer | Sectors |
|------------------|--------------|----------|
| NSF 61, WRAS, CE | Pentair | Domestic |

**Accessories and Spare Parts:**

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------------|---|------|----------|-------------|--|
| BWM-AC-0060 | MEMBRANE FOR BWM0060 | 100 | 462 | | |
| BWM-AC-0075 | MEMBRANE FOR BWM0075 | 100 | 462 | | |
| BWM-AC-0180 | MEMBRANE FOR BWM0180 | 100 | 462 | | |
| BWM-AC-0235 | MEMBRANE FOR BWM0235 | 100 | 462 | | |
| BWM-AC-0330 | MEMBRANE FOR BWM0330 | 100 | 462 | | |
| BWM-AC-0450 | MEMBRANE FOR BWM0450 | 100 | 462 | | |
| BWM-AC-0600 | AIRCELL REPLACEMENT KIT FOR BWM0600 | 100 | 462 | | |
| BWM-AVC-20290 | AIR VOLUME CONTROL ASSEMBLY FOR BWM-HP-110 | 100 | 462 | | |
| BWM-AVC-20288 | AIR VOLUME CONTROL ASSEMBLY FOR BWM-HP-150 | 100 | 462 | | |
| BWM-AVC-20287 | AIR VOLUME CONTROL ASSEMBLY FOR BWM-HP-300 | 100 | 462 | | |
| BWM-AVC-20291 | AIR VOLUME CONTROL ASSEMBLY FOR BWM-HP-450 | 100 | 462 | | |
| BWM-AVC-1 | AIR VOLUME CONTROL ASSEMBLY FOR BWM-HP/UT | 100 | 462 | | |
| BWM-BA-20513 | WELLMATE BASE 180/300 | 100 | 462 | | |
| BWM-DA-3174 | WM SCREEN & ADAPT. ASSY + O-RING - 4"x2" NPSM | 100 | 462 | | |
| BWM-DA-HU79 | WM BOTTOM DRAIN + 1 1/4" NPT THREADED PIPES HP110-150 | 100 | 462 | | |
| BWM-DA-HU86 | WM BOTTOM DRAIN + 1 1/4" NPT THREADED PIPES HP300-450 | 100 | 462 | | |
| BWM-PB-001 | WM PUMP MOUNT BRACKET | 100 | 462 | | |
| BWM-AI-01 | WM AIR INJECTOR/MICRONIZER-HP | 100 | 462 | | |
| BWM-VB-10724 | WM VACUUM BREAKER UT/HP | 100 | 462 | | |
| BWM-CL-0002 | WM "H" CLIP | 100 | 462 | | |



EUROTR^{OL}

WATER TREATMENT COMPONENTS



MWG cabinets



Cabinets for Softeners Mini Cab Series



- Tanks and covers made in European Union (Italy);
- Cabinets for residential softeners, complete with salt lid and cover of exclusive design;
- Materials: tank in HDPE, cover in polystyrene;
- Standard colours: white tank and blue, white or black cover;
- On demand and for quantities we can realize customized colours;
- EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|--|------|----------|-------------|--|
| C0513MWMAS | CAB. MINI CAB WHITE BODY - LIGHT BLUE COVER 5X13* | 45 | 210 | • | |
| C0613MWMAS | CAB. MINI CAB. WHITE BODY - LIGHT BLUE COVER 6X13* | 45 | 210 | • | |
| C0713MWMAS | CAB. MINI CAB. WHITE BODY - LIGHT BLUE COVER 7X13* | 45 | 210 | • | |
| C0513MWMWS | CAB. MINI CAB WHITE BODY - WHITE COVER 5X13* | 45 | 210 | • | |
| C0613MWMWS | CAB. MINI CAB. WHITE BODY - WHITE COVER 6X13* | 45 | 210 | • | |
| C0713MWMWS | CAB. MINI CAB. WHITE BODY - WHITE COVER 7X13* | 45 | 210 | • | |
| C0513MWMDS | CAB. MINI CAB WHITE BODY - BLACK COVER 5X13* | 45 | 210 | • | |
| C0613MWMDS | CAB. MINI CAB. WHITE BODY - BLACK COVER 6X13* | 45 | 210 | • | |
| C0713MWMDS | CAB. MINI CAB WHITE BODY - BLACK COVER 7X13* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) | With MWG tank |
|------------|------------|-------------|-------------|---------------|
| C0513MWMAS | 220 | 365 | 333 | 5 x 13 |
| C0613MWMAS | 220 | 365 | 333 | 6 x 13 |
| C0713MWMAS | 220 | 365 | 333 | 7 x 13 |
| C0513MWMWS | 220 | 365 | 333 | 5 x 13 |
| C0613MWMWS | 220 | 365 | 333 | 6 x 13 |
| C0713MWMWS | 220 | 365 | 333 | 7 x 13 |
| C0513MWMDS | 220 | 365 | 333 | 5 x 13 |
| C0613MWMDS | 220 | 365 | 333 | 6 x 13 |
| C0713MWMDS | 220 | 365 | 333 | 7 x 13 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners New Junior Series



- Tanks and covers made in European Union (Italy);
- Cabinets for residential softeners, complete with salt lid;
- Materials: tank in HDPE, salt lid in polystyrene;
- Standard colours: tank white, salt lid black;
- Different colours available on demand ;
- EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0513GWGDX | CAB. NEW JUNIOR 13 WHITE BODY - BLACK COVER 5X13* | 45 | 210 | • | |
| C0613GWGDX | CAB. NEW JUNIOR 13 WHITE BODY - BLACK COVER 6X13* | 45 | 210 | • | |
| C0713GWGDX | CAB. NEW JUNIOR 13 WHITE BODY - BLACK COVER 7X13* | 45 | 210 | • | |
| C0813GWGDX | CAB. NEW JUNIOR 13 WHITE BODY - BLACK COVER 8X13* | 45 | 210 | • | |



| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0513GWGDX | 240 | 435 | 330 |
| C0613GWGDX | 240 | 435 | 330 |
| C0713GWGDX | 240 | 435 | 330 |
| C0813GWGDX | 240 | 435 | 330 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA011 | BRINE WELL D=100 MM H=220 MM (CAB. 13") | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0717GWGDX | CAB. NEW JUNIOR 17 WHITE BODY - BLACK COVER 7X17* | 45 | 210 | • | |
| C0817GWGDX | CAB. NEW JUNIOR 17 WHITE BODY - BLACK COVER 8X17* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0717GWGDX | 240 | 435 | 432 |
| C0817GWGDX | 240 | 435 | 432 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA002 | BRINE WELL D=100 MM H=340 MM (CAB. 17") | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0724GWGDX | CAB. NEW JUNIOR 24 WHITE BODY - BLACK COVER 7X24* | 45 | 210 | • | |
| C0824GWGDX | CAB. NEW JUNIOR 24 WHITE BODY - BLACK COVER 8X24* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0724GWGDX | 240 | 435 | 610 |
| C0824GWGDX | 240 | 435 | 610 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA074 | BRINE WELL D=100 MM H=520 MM (CAB. 24" + BRINE TANK 100L) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |





Cabinets for Softeners Slim Line Series



- Tanks and covers made in European Union (Italy);
- Cabinets for residential softeners, complete with salt lid and cover of exclusive design;
- Materials: tank in HDPE, cover in polystyrene;
- Standard colours: white tank and blue, white or black cover;
- On demand and for quantities we can realize customized colours;
- EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0717LWSAS | CAB. SLIM LINE WHITE BODY - LIGHT BLUE COVER 7X17* | 45 | 210 | • | |
| C0717LWSWS | CAB. SLIM LINE WHITE BODY - WHITE COVER 7X17* | 45 | 210 | • | |
| C0717LWSDS | CAB. SLIM LINE WHITE BODY - BLACK COVER 7X17* | 45 | 210 | • | |
| C0817LWSAS | CAB. SLIM LINE WHITE BODY - LIGHT BLUE COVER 8X17* | 45 | 210 | • | |
| C0817LWSWS | CAB. SLIM LINE WHITE BODY - WHITE COVER 8X17* | 45 | 210 | • | |
| C0817LWSDS | CAB. SLIM LINE WHITE BODY - BLACK COVER 8X17* | 45 | 210 | • | |
| C0917LWSAS | CAB. SLIM LINE WHITE BODY - LIGHT BLUE COVER 9X17* | 45 | 210 | • | |
| C0917LWSWS | CAB. SLIM LINE WHITE BODY - WHITE COVER 9X17* | 45 | 210 | • | |
| C0917LWSDS | CAB. SLIM LINE WHITE BODY - BLACK COVER 9X17* | 45 | 210 | • | |
| C1017LWSAS | CAB. SLIM LINE WHITE BODY - LIGHT BLUE COVER 10X17* | 45 | 210 | • | |
| C1017LWSWS | CAB. SLIM LINE WHITE BODY - WHITE COVER 10X17* | 45 | 210 | • | |
| C1017LWSDS | CAB. SLIM LINE WHITE BODY - BLACK COVER 10X17* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0717LWSAS | 320 | 500 | 440 |
| C0717LWSWS | 320 | 500 | 440 |
| C0717LWSDS | 320 | 500 | 440 |
| C0817LWSAS | 320 | 500 | 440 |
| C0817LWSWS | 320 | 500 | 440 |
| C0817LWSDS | 320 | 500 | 440 |
| C0917LWSAS | 320 | 500 | 440 |
| C0917LWSWS | 320 | 500 | 440 |
| C0917LWSDS | 320 | 500 | 440 |
| C1017LWSAS | 320 | 500 | 440 |
| C1017LWSWS | 320 | 500 | 440 |
| C1017LWSDS | 320 | 500 | 440 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA002 | BRINE WELL D=100 MM H=340 MM (CAB. 17") | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners Slim Line Series



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0735LWSAS | CAB. SLIM LINE WHITE BODY - LIGHT BLUE COVER 7X35* | 45 | 210 | • | |
| C0735LWSWS | CAB. SLIM LINE WHITE BODY - WHITE COVER 7X35* | 45 | 210 | • | |
| C0735LWSDS | CAB. SLIM LINE WHITE BODY - BLACK COVER 7X35* | 45 | 210 | • | |
| C0835LWSAS | CAB. SLIM LINE WHITE BODY - LIGHT BLUE COVER 8X35* | 45 | 210 | • | |
| C0835LWSWS | CAB. SLIM LINE WHITE BODY - WHITE COVER 8X35* | 45 | 210 | • | |
| C0835LWSDS | CAB. SLIM LINE WHITE BODY - BLACK COVER 8X35* | 45 | 210 | • | |
| C0935LWSAS | CAB. SLIM LINE WHITE BODY - LIGHT BLUE COVER 9X35* | 45 | 210 | • | |
| C0935LWSWS | CAB. SLIM LINE WHITE BODY - WHITE COVER 9X35* | 45 | 210 | • | |
| C0935LWSDS | CAB. SLIM LINE WHITE BODY - BLACK COVER 9X35* | 45 | 210 | • | |
| C1035LWSAS | CAB. SLIM LINE WHITE BODY - LIGHT BLUE COVER 10X35* | 45 | 210 | • | |
| C1035LWSWS | CAB. SLIM LINE WHITE BODY - WHITE COVER 10X35* | 45 | 210 | • | |
| C1035LWSDS | CAB. SLIM LINE WHITE BODY - BLACK COVER 10X35* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0735LWSAS | 320 | 500 | 900 |
| C0735LWSWS | 320 | 500 | 900 |
| C0735LWSDS | 320 | 500 | 900 |
| C0835LWSAS | 320 | 500 | 900 |
| C0835LWSWS | 320 | 500 | 900 |
| C0835LWSDS | 320 | 500 | 900 |
| C0935LWSAS | 320 | 500 | 900 |
| C0935LWSWS | 320 | 500 | 900 |
| C0935LWSDS | 320 | 500 | 900 |
| C1035LWSAS | 320 | 500 | 900 |
| C1035LWSWS | 320 | 500 | 900 |
| C1035LWSDS | 320 | 500 | 900 |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA076 | BRINE WELL D=100 MM H=780 MM (CAB. 35" SURF/LINE) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0724LWSAS | CAB. SLIM LINE WHITE BODY - LIGHT BLUE COVER 7X24* | 45 | 210 | • | |
| C0724LWSWS | CAB. SLIM LINE WHITE BODY - WHITE COVER 7X24* | 45 | 210 | • | |
| C0724LWSDS | CAB. SLIM LINE WHITE BODY - BLACK COVER 7X24* | 45 | 210 | • | |
| C0824LWSAS | CAB. SLIM LINE WHITE BODY - LIGHT BLUE COVER 8X24* | 45 | 210 | • | |
| C0824LWSWS | CAB. SLIM LINE WHITE BODY - WHITE COVER 8X24* | 45 | 210 | • | |
| C0824LWSDS | CAB. SLIM LINE WHITE BODY - BLACK COVER 8X24* | 45 | 210 | • | |
| C0924LWSAS | CAB. SLIM LINE WHITE BODY - LIGHT BLUE COVER 9X24* | 45 | 210 | • | |
| C0924LWSWS | CAB. SLIM LINE WHITE BODY - WHITE COVER 9X24* | 45 | 210 | • | |
| C0924LWSDS | CAB. SLIM LINE WHITE BODY - BLACK COVER 9X24* | 45 | 210 | • | |
| C1024LWSAS | CAB. SLIM LINE WHITE BODY - LIGHT BLUE COVER 10X24* | 45 | 210 | • | |
| C1024LWSWS | CAB. SLIM LINE WHITE BODY - WHITE COVER 10X24* | 45 | 210 | • | |
| C1024LWSDS | CAB. SLIM LINE WHITE BODY - BLACK COVER 10X24* | 45 | 210 | • | |

| Ref | Width (mm) | Lenght (mm) | Heighth (mm) |
|------------|------------|-------------|--------------|
| C0724LWSAS | 320 | 500 | 620 |
| C0724LWSWS | 320 | 500 | 620 |
| C0724LWSDS | 320 | 500 | 620 |
| C0824LWSAS | 320 | 500 | 620 |
| C0824LWSWS | 320 | 500 | 620 |
| C0824LWSDS | 320 | 500 | 620 |
| C0924LWSAS | 320 | 500 | 620 |
| C0924LWSWS | 320 | 500 | 620 |
| C0924LWSDS | 320 | 500 | 620 |
| C1024LWSAS | 320 | 500 | 620 |
| C1024LWSWS | 320 | 500 | 620 |
| C1024LWSDS | 320 | 500 | 620 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA074 | BRINE WELL D=100 MM H=520 MM (CAB. 24" + BRINE TANK 100L) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners Slim Surf Series



- Tanks and covers made in European Union (Italy);
- Cabinets for residential softeners, complete with salt lid and cover of exclusive design;
- Materials: tank in HDPE, cover in polystyrene;
- Standard colours: white tank and blue, white or black cover;
- On demand and for quantities we can realize customized colours;
- EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0717SWSAS | CAB. SLIM SURF WHITE BODY - LIGHT BLUE COVER 7X17* | 45 | 210 | • | |
| C0717SWSWS | CAB. SLIM SURF WHITE BODY - WHITE COVER 7X17* | 45 | 210 | • | |
| C0717SWSDS | CAB. SLIM SURF WHITE BODY - BLACK COVER 7X17* | 45 | 210 | • | |
| C0817SWSAS | CAB. SLIM SURF WHITE BODY - LIGHT BLUE COVER 8X17* | 45 | 210 | • | |
| C0817SWSWS | CAB. SLIM SURF WHITE BODY - WHITE COVER 8X17* | 45 | 210 | • | |
| C0817SWSDS | CAB. SLIM SURF WHITE BODY - BLACK COVER 8X17* | 45 | 210 | • | |
| C0917SWSAS | CAB. SLIM SURF WHITE BODY - LIGHT BLUE COVER 9X17* | 45 | 210 | • | |
| C0917SWSWS | CAB. SLIM SURF WHITE BODY - WHITE COVER 9X17* | 45 | 210 | • | |
| C0917SWSDS | CAB. SLIM SURF WHITE BODY - BLACK COVER 9X17* | 45 | 210 | • | |
| C1017SWSAS | CAB. SLIM SURF WHITE BODY - LIGHT BLUE COVER 10X17* | 45 | 210 | • | |
| C1017SWSWS | CAB. SLIM SURF WHITE BODY - WHITE COVER 10X17* | 45 | 210 | • | |
| C1017SWSDS | CAB. SLIM SURF WHITE BODY - BLACK COVER 10X17* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0717SWSAS | 320 | 500 | 440 |
| C0717SWSWS | 320 | 500 | 440 |
| C0717SWSDS | 320 | 500 | 440 |
| C0817SWSAS | 320 | 500 | 440 |
| C0817SWSWS | 320 | 500 | 440 |
| C0817SWSDS | 320 | 500 | 440 |
| C0917SWSAS | 320 | 500 | 440 |
| C0917SWSWS | 320 | 500 | 440 |
| C0917SWSDS | 320 | 500 | 440 |
| C1017SWSAS | 320 | 500 | 440 |
| C1017SWSWS | 320 | 500 | 440 |
| C1017SWSDS | 320 | 500 | 440 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA002 | BRINE WELL D=100 MM H=340 MM (CAB. 17") | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners Slim Surf Series



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0724SWSAS | CAB. SLIM SURF WHITE BODY - LIGHT BLUE COVER 7X24* | 45 | 210 | • | |
| C0724SWSWS | CAB. SLIM SURF WHITE BODY - WHITE COVER 7X24* | 45 | 210 | • | |
| C0724SWSDS | CAB. SLIM SURF WHITE BODY - BLACK COVER 7X24* | 45 | 210 | • | |
| C0824SWSAS | CAB. SLIM SURF WHITE BODY - LIGHT BLUE COVER 8X24* | 45 | 210 | • | |
| C0824SWSWS | CAB. SLIM SURF WHITE BODY - WHITE COVER 8X24* | 45 | 210 | • | |
| C0824SWSDS | CAB. SLIM SURF WHITE BODY - BLACK COVER 8X24* | 45 | 210 | • | |
| C0924SWSAS | CAB. SLIM SURF WHITE BODY - LIGHT BLUE COVER 9X24* | 45 | 210 | • | |
| C0924SWSWS | CAB. SLIM SURF WHITE BODY - WHITE COVER 9X24* | 45 | 210 | • | |
| C0924SWSDS | CAB. SLIM SURF WHITE BODY - BLACK COVER 9X24* | 45 | 210 | • | |
| C1024SWSAS | CAB. SLIM SURF WHITE BODY - LIGHT BLUE COVER 10X24* | 45 | 210 | • | |
| C1024SWSWS | CAB. SLIM SURF WHITE BODY - WHITE COVER 10X24* | 45 | 210 | • | |
| C1024SWSDS | CAB. SLIM SURF WHITE BODY - BLACK COVER 10X24* | 45 | 210 | • | |

| Ref | Width (mm) | Lenght (mm) | Heighth (mm) |
|------------|------------|-------------|--------------|
| C0724SWSAS | 320 | 500 | 620 |
| C0724SWSWS | 320 | 500 | 620 |
| C0724SWSDS | 320 | 500 | 620 |
| C0824SWSAS | 320 | 500 | 620 |
| C0824SWSWS | 320 | 500 | 620 |
| C0824SWSDS | 320 | 500 | 620 |
| C0924SWSAS | 320 | 500 | 620 |
| C0924SWSWS | 320 | 500 | 620 |
| C0924SWSDS | 320 | 500 | 620 |
| C1024SWSAS | 320 | 500 | 620 |
| C1024SWSWS | 320 | 500 | 620 |
| C1024SWSDS | 320 | 500 | 620 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA074 | BRINE WELL D=100 MM H=520 MM (CAB. 24" + BRINE TANK 100L) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0735SWSAS | CAB. SLIM SURF WHITE BODY - LIGHT BLUE COVER 7X35* | 45 | 210 | • | |
| C0735SWSWS | CAB. SLIM SURF WHITE BODY - WHITE COVER 7X35* | 45 | 210 | • | |
| C0735SWSDS | CAB. SLIM SURF WHITE BODY - BLACK COVER 7X35* | 45 | 210 | • | |
| C0835SWSAS | CAB. SLIM SURF WHITE BODY - LIGHT BLUE COVER 8X35* | 45 | 210 | • | |
| C0835SWSWS | CAB. SLIM SURF WHITE BODY - WHITE COVER 8X35* | 45 | 210 | • | |
| C0835SWSDS | CAB. SLIM SURF WHITE BODY - BLACK COVER 8X35* | 45 | 210 | • | |
| C0935SWSAS | CAB. SLIM SURF WHITE BODY - LIGHT BLUE COVER 9X35* | 45 | 210 | • | |
| C0935SWSWS | CAB. SLIM SURF WHITE BODY - WHITE COVER 9X35* | 45 | 210 | • | |
| C0935SWSDS | CAB. SLIM SURF WHITE BODY - BLACK COVER 9X35* | 45 | 210 | • | |
| C1035SWSAS | CAB. SLIM SURF WHITE BODY - LIGHT BLUE COVER 10X35* | 45 | 210 | • | |
| C1035SWSWS | CAB. SLIM SURF WHITE BODY - WHITE COVER 10X35* | 45 | 210 | • | |
| C1035SWSDS | CAB. SLIM SURF WHITE BODY - BLACK COVER 10X35* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0735SWSAS | 320 | 500 | 900 |
| C0735SWSWS | 320 | 500 | 900 |
| C0735SWSDS | 320 | 500 | 900 |
| C0835SWSAS | 320 | 500 | 900 |
| C0835SWSWS | 320 | 500 | 900 |
| C0835SWSDS | 320 | 500 | 900 |
| C0935SWSAS | 320 | 500 | 900 |
| C0935SWSWS | 320 | 500 | 900 |
| C0935SWSDS | 320 | 500 | 900 |
| C1035SWSAS | 320 | 500 | 900 |
| C1035SWSWS | 320 | 500 | 900 |
| C1035SWSDS | 320 | 500 | 900 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA076 | BRINE WELL D=100 MM H=780 MM (CAB. 35" SURF/LINE) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners Top Line Series



- Tanks and covers made in European Union (Italy);
- Cabinets for residential softeners, complete with salt lid and cover of exclusive design;
- Materials: tank in HDPE, cover in polystyrene;
- Standard colours: white tank and blue, white or black cover;
- On demand and for quantities we can realize customized colours;
- EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|--|------|----------|-------------|--|
| C0717LWTAS | CAB. TOP LINE WHITE BODY - LIGHT BLUE COVER 7X17* | 45 | 210 | • | |
| C0717LWTWS | CAB. TOP LINE WHITE BODY - WHITE COVER 7X17* | 45 | 210 | • | |
| C0717LWTDS | CAB. TOP LINE WHITE BODY - BLACK COVER 7X17* | 45 | 210 | • | |
| C0817LWTAS | CAB. TOP LINE WHITE BODY - LIGHT BLUE COVER 8X17* | 45 | 210 | • | |
| C0817LWTWS | CAB. TOP LINE WHITE BODY - WHITE COVER 8X17* | 45 | 210 | • | |
| C0817LWTDS | CAB. TOP LINE WHITE BODY - BLACK COVER 8X17* | 45 | 210 | • | |
| C0917LWTAS | CAB. TOP LINE WHITE BODY - LIGHT BLUE COVER 9X17* | 45 | 210 | • | |
| C0917LWTWS | CAB. TOP LINE WHITE BODY - WHITE COVER 9X17* | 45 | 210 | • | |
| C0917LWTDS | CAB. TOP LINE WHITE BODY - BLACK COVER 9X17* | 45 | 210 | • | |
| C1017LWTAS | CAB. TOP LINE WHITE BODY - LIGHT BLUE COVER 10X17* | 45 | 210 | • | |
| C1017LWTWS | CAB. TOP LINE WHITE BODY - WHITE COVER 10X17* | 45 | 210 | • | |
| C1017LWTDS | CAB. TOP LINE WHITE BODY - BLACK COVER 10X17* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0717LWTAS | 320 | 500 | 670 |
| C0717LWTWS | 320 | 500 | 670 |
| C0717LWTDS | 320 | 500 | 670 |
| C0817LWTAS | 320 | 500 | 670 |
| C0817LWTWS | 320 | 500 | 670 |
| C0817LWTDS | 320 | 500 | 670 |
| C0917LWTAS | 320 | 500 | 670 |
| C0917LWTWS | 320 | 500 | 670 |
| C0917LWTDS | 320 | 500 | 670 |
| C1017LWTAS | 320 | 500 | 670 |
| C1017LWTWS | 320 | 500 | 670 |
| C1017LWTDS | 320 | 500 | 670 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA002 | BRINE WELL D=100 MM H=340 MM (CAB. 17") | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners Top Line Series



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|--|------|----------|-------------|--|
| C0724LWTAS | CAB. TOP LINE WHITE BODY - LIGHT BLUE COVER 7X24* | 45 | 210 | • | |
| C0724LWTWS | CAB. TOP LINE WHITE BODY - WHITE COVER 7X24* | 45 | 210 | • | |
| C0724LWTDS | CAB. TOP LINE WHITE BODY - BLACK COVER 7X24* | 45 | 210 | • | |
| C0824LWTAS | CAB. TOP LINE WHITE BODY - LIGHT BLUE COVER 8X24* | 45 | 210 | • | |
| C0824LWTWS | CAB. TOP LINE WHITE BODY - WHITE COVER 8X24* | 45 | 210 | • | |
| C0824LWTDS | CAB. TOP LINE WHITE BODY - BLACK COVER 8X24* | 45 | 210 | • | |
| C0924LWTAS | CAB. TOP LINE WHITE BODY - LIGHT BLUE COVER 9X24* | 45 | 210 | • | |
| C0924LWTWS | CAB. TOP LINE WHITE BODY - WHITE COVER 9X24* | 45 | 210 | • | |
| C0924LWTDS | CAB. TOP LINE WHITE BODY - BLACK COVER 9X24* | 45 | 210 | • | |
| C1024LWTAS | CAB. TOP LINE WHITE BODY - LIGHT BLUE COVER 10X24* | 45 | 210 | • | |
| C1024LWTWS | CAB. TOP LINE WHITE BODY - WHITE COVER 10X24* | 45 | 210 | • | |
| C1024LWTDS | CAB. TOP LINE WHITE BODY - BLACK COVER 10X24* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0724LWTAS | 320 | 500 | 840 |
| C0724LWTWS | 320 | 500 | 840 |
| C0724LWTDS | 320 | 500 | 840 |
| C0824LWTAS | 320 | 500 | 840 |
| C0824LWTWS | 320 | 500 | 840 |
| C0824LWTDS | 320 | 500 | 840 |
| C0924LWTAS | 320 | 500 | 840 |
| C0924LWTWS | 320 | 500 | 840 |
| C0924LWTDS | 320 | 500 | 840 |
| C1024LWTAS | 320 | 500 | 840 |
| C1024LWTWS | 320 | 500 | 840 |
| C1024LWTDS | 320 | 500 | 840 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA074 | BRINE WELL D=100 MM H=520 MM (CAB. 24" + BRINE TANK 100L) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|--|------|----------|-------------|--|
| C0735LWTAS | CAB. TOP LINE WHITE BODY - LIGHT BLUE COVER 7X35* | 45 | 210 | • | |
| C0735LWTWS | CAB. TOP LINE WHITE BODY - WHITE COVER 7X35* | 45 | 210 | • | |
| C0735LWTDS | CAB. TOP LINE WHITE BODY - BLACK COVER 7X35* | 45 | 210 | • | |
| C0835LWTAS | CAB. TOP LINE WHITE BODY - LIGHT BLUE COVER 8X35* | 45 | 210 | • | |
| C0835LWTWS | CAB. TOP LINE WHITE BODY - WHITE COVER 8X35* | 45 | 210 | • | |
| C0835LWTDS | CAB. TOP LINE WHITE BODY - BLACK COVER 8X35* | 45 | 210 | • | |
| C0935LWTAS | CAB. TOP LINE WHITE BODY - LIGHT BLUE COVER 9X35* | 45 | 210 | • | |
| C0935LWTWS | CAB. TOP LINE WHITE BODY - WHITE COVER 9X35* | 45 | 210 | • | |
| C0935LWTDS | CAB. TOP LINE WHITE BODY - BLACK COVER 9X35* | 45 | 210 | • | |
| C1035LWTAS | CAB. TOP LINE WHITE BODY - LIGHT BLUE COVER 10X35* | 45 | 210 | • | |
| C1035LWTWS | CAB. TOP LINE WHITE BODY - WHITE COVER 10X35* | 45 | 210 | • | |
| C1035LWTDS | CAB. TOP LINE WHITE BODY - BLACK COVER 10X35* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0735LWTAS | 320 | 500 | 1140 |
| C0735LWTWS | 320 | 500 | 1140 |
| C0735LWTDS | 320 | 500 | 1140 |
| C0835LWTAS | 320 | 500 | 1140 |
| C0835LWTWS | 320 | 500 | 1140 |
| C0835LWTDS | 320 | 500 | 1140 |
| C0935LWTAS | 320 | 500 | 1140 |
| C0935LWTWS | 320 | 500 | 1140 |
| C0935LWTDS | 320 | 500 | 1140 |
| C1035LWTAS | 320 | 500 | 1140 |
| C1035LWTWS | 320 | 500 | 1140 |
| C1035LWTDS | 320 | 500 | 1140 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA076 | BRINE WELL D=100 MM H=780 MM (CAB. 35" SURF/LINE) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners Top Surf Series



- Tanks and covers made in European Union (Italy);
- Cabinets for residential softeners, complete with salt lid and cover of exclusive design;
- Materials: tank in HDPE, cover in polystyrene;
- Standard colours: white tank and blue, white or black cover;
- On demand and for quantities we can realize customized colours;
- EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|--|------|----------|-------------|--|
| C0717SWTAS | CAB. TOP SURF WHITE BODY - LIGHT BLUE COVER 7X17* | 45 | 210 | • | |
| C0717SWTWS | CAB. TOP SURF WHITE BODY - WHITE COVER 7X17* | 45 | 210 | • | |
| C0717SWTDS | CAB. TOP SURF WHITE BODY - BLACK COVER 7X17* | 45 | 210 | • | |
| C0817SWTAS | CAB. TOP SURF WHITE BODY - LIGHT BLUE COVER 8X17* | 45 | 210 | • | |
| C0817SWTWS | CAB. TOP SURF WHITE BODY - WHITE COVER 8X17* | 45 | 210 | • | |
| C0817SWTDS | CAB. TOP SURF WHITE BODY - BLACK COVER 8X17* | 45 | 210 | • | |
| C0917SWTAS | CAB. TOP SURF WHITE BODY - LIGHT BLUE COVER 9X17* | 45 | 210 | • | |
| C0917SWTWS | CAB. TOP SURF WHITE BODY - WHITE COVER 9X17* | 45 | 210 | • | |
| C0917SWTDS | CAB. TOP SURF WHITE BODY - BLACK COVER 9X17* | 45 | 210 | • | |
| C1017SWTAS | CAB. TOP SURF WHITE BODY - LIGHT BLUE COVER 10X17* | 45 | 210 | • | |
| C1017SWTWS | CAB. TOP SURF WHITE BODY - WHITE COVER 10X17* | 45 | 210 | • | |
| C1017SWTDS | CAB. TOP SURF WHITE BODY - BLACK COVER 10X17* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0717SWTAS | 320 | 500 | 670 |
| C0717SWTWS | 320 | 500 | 670 |
| C0717SWTDS | 320 | 500 | 670 |
| C0817SWTAS | 320 | 500 | 670 |
| C0817SWTWS | 320 | 500 | 670 |
| C0817SWTDS | 320 | 500 | 670 |
| C0917SWTAS | 320 | 500 | 670 |
| C0917SWTWS | 320 | 500 | 670 |
| C0917SWTDS | 320 | 500 | 670 |
| C1017SWTAS | 320 | 500 | 670 |
| C1017SWTWS | 320 | 500 | 670 |
| C1017SWTDS | 320 | 500 | 670 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA002 | BRINE WELL D=100 MM H=340 MM (CAB. 17") | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |

Cabinets for Softeners Top Surf Series


| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|--|------|----------|-------------|--|
| C0724SWTAS | CAB. TOP SURF WHITE BODY - LIGHT BLUE COVER 7X24* | 45 | 210 | • | |
| C0724SWTWS | CAB. TOP SURF WHITE BODY - WHITE COVER 7X24* | 45 | 210 | • | |
| C0724SWTDS | CAB. TOP SURF WHITE BODY - BLACK COVER 7X24* | 45 | 210 | • | |
| C0824SWTAS | CAB. TOP SURF WHITE BODY - LIGHT BLUE COVER 8X24* | 45 | 210 | • | |
| C0824SWTWS | CAB. TOP SURF WHITE BODY - WHITE COVER 8X24* | 45 | 210 | • | |
| C0824SWTDS | CAB. TOP SURF WHITE BODY - BLACK COVER 8X24* | 45 | 210 | • | |
| C0924SWTAS | CAB. TOP SURF WHITE BODY - LIGHT BLUE COVER 9X24* | 45 | 210 | • | |
| C0924SWTWS | CAB. TOP SURF WHITE BODY - WHITE COVER 9X24* | 45 | 210 | • | |
| C0924SWTDS | CAB. TOP SURF WHITE BODY - BLACK COVER 9X24* | 45 | 210 | • | |
| C1024SWTAS | CAB. TOP SURF WHITE BODY - LIGHT BLUE COVER 10X24* | 45 | 210 | • | |
| C1024SWTWS | CAB. TOP SURF WHITE BODY - WHITE COVER 10X24* | 45 | 210 | • | |
| C1024SWTDS | CAB. TOP SURF WHITE BODY - BLACK COVER 10X24* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0724SWTAS | 320 | 500 | 840 |
| C0724SWTWS | 320 | 500 | 840 |
| C0724SWTDS | 320 | 500 | 840 |
| C0824SWTAS | 320 | 500 | 840 |
| C0824SWTWS | 320 | 500 | 840 |
| C0824SWTDS | 320 | 500 | 840 |
| C0924SWTAS | 320 | 500 | 840 |
| C0924SWTWS | 320 | 500 | 840 |
| C0924SWTDS | 320 | 500 | 840 |
| C1024SWTAS | 320 | 500 | 840 |
| C1024SWTWS | 320 | 500 | 840 |
| C1024SWTDS | 320 | 500 | 840 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA074 | BRINE WELL D=100 MM H=520 MM (CAB. 24" + BRINE TANK 100L) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|--|------|----------|-------------|--|
| C0735SWTAS | CAB. TOP SURF WHITE BODY - LIGHT BLUE COVER 7X35* | 45 | 210 | • | |
| C0735SWTWS | CAB. TOP SURF WHITE BODY - WHITE COVER 7X35* | 45 | 210 | • | |
| C0735SWTDS | CAB. TOP SURF WHITE BODY - BLACK COVER 7X35* | 45 | 210 | • | |
| C0835SWTAS | CAB. TOP SURF WHITE BODY - LIGHT BLUE COVER 8X35* | 45 | 210 | • | |
| C0835SWTWS | CAB. TOP SURF WHITE BODY - WHITE COVER 8X35* | 45 | 210 | • | |
| C0835SWTDS | CAB. TOP SURF WHITE BODY - BLACK COVER 8X35* | 45 | 210 | • | |
| C0935SWTAS | CAB. TOP SURF WHITE BODY - LIGHT BLUE COVER 9X35* | 45 | 210 | • | |
| C0935SWTWS | CAB. TOP SURF WHITE BODY - WHITE COVER 9X35* | 45 | 210 | • | |
| C0935SWTDS | CAB. TOP SURF WHITE BODY - BLACK COVER 9X35* | 45 | 210 | • | |
| C1035SWTAS | CAB. TOP SURF WHITE BODY - LIGHT BLUE COVER 10X35* | 45 | 210 | • | |
| C1035SWTWS | CAB. TOP SURF WHITE BODY - WHITE COVER 10X35* | 45 | 210 | • | |
| C1035SWTDS | CAB. TOP SURF WHITE BODY - BLACK COVER 10X35* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0735SWTAS | 320 | 500 | 1140 |
| C0735SWTWS | 320 | 500 | 1140 |
| C0735SWTDS | 320 | 500 | 1140 |
| C0835SWTAS | 320 | 500 | 1140 |
| C0835SWTWS | 320 | 500 | 1140 |
| C0835SWTDS | 320 | 500 | 1140 |
| C0935SWTAS | 320 | 500 | 1140 |
| C0935SWTWS | 320 | 500 | 1140 |
| C0935SWTDS | 320 | 500 | 1140 |
| C1035SWTAS | 320 | 500 | 1140 |
| C1035SWTWS | 320 | 500 | 1140 |
| C1035SWTDS | 320 | 500 | 1140 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA076 | BRINE WELL D=100 MM H=780 MM (CAB. 35" SURF/LINE) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners Top Line Clear Series



- Tanks and covers made in European Union (Italy);
- Cabinets for residential softeners, complete with salt lid and cover of exclusive design with transparent insert;
- Materials: tank in HDPE, cover in polystyrene;
- Standard colours: white tank and blue, white or black cover;
- On demand and for quantities we can realize customized colours;
- EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|--|------|----------|-------------|--|
| C0717LWTPS | CAB. TOP LINE CLEAR WHITE BODY - LIGHT BLUE COVER 7X17* | 45 | 210 | • | |
| C0717LWTZS | CAB. TOP LINE CLEAR WHITE BODY - WHITE COVER 7X17* | 45 | 210 | • | |
| C0717LWTTS | CAB. TOP LINE CLEAR WHITE BODY - BLACK COVER 7X17* | 45 | 210 | • | |
| C0817LWTPS | CAB. TOP LINE CLEAR WHITE BODY - LIGHT BLUE COVER 8X17* | 45 | 210 | • | |
| C0817LWTZS | CAB. TOP LINE CLEAR WHITE BODY - WHITE COVER 8X17* | 45 | 210 | • | |
| C0817LWTTS | CAB. TOP LINE CLEAR WHITE BODY - BLACK COVER 8X17* | 45 | 210 | • | |
| C0917LWTPS | CAB. TOP LINE CLEAR WHITE BODY - LIGHT BLUE COVER 9X17* | 45 | 210 | • | |
| C0917LWTZS | CAB. TOP LINE CLEAR WHITE BODY - WHITE COVER 9X17* | 45 | 210 | • | |
| C0917LWTTS | CAB. TOP LINE CLEAR WHITE BODY - BLACK COVER 9X17* | 45 | 210 | • | |
| C1017LWTPS | CAB. TOP LINE CLEAR WHITE BODY - LIGHT BLUE COVER 10X17* | 45 | 210 | • | |
| C1017LWTZS | CAB. TOP LINE CLEAR WHITE BODY - WHITE COVER 10X17* | 45 | 210 | • | |
| C1017LWTTS | CAB. TOP LINE CLEAR WHITE BODY - BLACK COVER 10X17* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0717LWTPS | 320 | 500 | 670 |
| C0717LWTZS | 320 | 500 | 670 |
| C0717LWTTS | 320 | 500 | 670 |
| C0817LWTPS | 320 | 500 | 670 |
| C0817LWTZS | 320 | 500 | 670 |
| C0817LWTTS | 320 | 500 | 670 |
| C0917LWTPS | 320 | 500 | 670 |
| C0917LWTZS | 320 | 500 | 670 |
| C0917LWTTS | 320 | 500 | 670 |
| C1017LWTPS | 320 | 500 | 670 |
| C1017LWTZS | 320 | 500 | 670 |
| C1017LWTTS | 320 | 500 | 670 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA002 | BRINE WELL D=100 MM H=340 MM (CAB. 17") | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners Top Line Clear Series



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|--|------|----------|-------------|--|
| C0724LWTPS | CAB. TOP LINE CLEAR WHITE BODY - LIGHT BLUE COVER 7X24* | 45 | 210 | • | |
| C0724LWTZS | CAB. TOP LINE CLEAR WHITE BODY - WHITE COVER 7X24* | 45 | 210 | • | |
| C0724LWTTS | CAB. TOP LINE CLEAR WHITE BODY - BLACK COVER 7X24* | 45 | 210 | • | |
| C0824LWTPS | CAB. TOP LINE CLEAR WHITE BODY - LIGHT BLUE COVER 8X24* | 45 | 210 | • | |
| C0824LWTZS | CAB. TOP LINE CLEAR WHITE BODY - WHITE COVER 8X24* | 45 | 210 | • | |
| C0824LWTTS | CAB. TOP LINE CLEAR WHITE BODY - BLACK COVER 8X24* | 45 | 210 | • | |
| C0924LWTPS | CAB. TOP LINE CLEAR WHITE BODY - LIGHT BLUE COVER 9X24* | 45 | 210 | • | |
| C0924LWTZS | CAB. TOP LINE CLEAR WHITE BODY - WHITE COVER 9X24* | 45 | 210 | • | |
| C0924LWTTS | CAB. TOP LINE CLEAR WHITE BODY - BLACK COVER 9X24* | 45 | 210 | • | |
| C1024LWTPS | CAB. TOP LINE CLEAR WHITE BODY - LIGHT BLUE COVER 10X24* | 45 | 210 | • | |
| C1024LWTZS | CAB. TOP LINE CLEAR WHITE BODY - WHITE COVER 10X24* | 45 | 210 | • | |
| C1024LWTTS | CAB. TOP LINE CLEAR WHITE BODY - BLACK COVER 10X24* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0724LWTPS | 320 | 500 | 840 |
| C0724LWTZS | 320 | 500 | 840 |
| C0724LWTTS | 320 | 500 | 840 |
| C0824LWTPS | 320 | 500 | 840 |
| C0824LWTZS | 320 | 500 | 840 |
| C0824LWTTS | 320 | 500 | 840 |
| C0924LWTPS | 320 | 500 | 840 |
| C0924LWTZS | 320 | 500 | 840 |
| C0924LWTTS | 320 | 500 | 840 |
| C1024LWTPS | 320 | 500 | 840 |
| C1024LWTZS | 320 | 500 | 840 |
| C1024LWTTS | 320 | 500 | 840 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA074 | BRINE WELL D=100 MM H=520 MM (CAB. 24" + BRINE TANK 100L) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|--|------|----------|-------------|--|
| C0735LWTPS | CAB. TOP LINE CLEAR WHITE BODY - LIGHT BLUE COVER 7X35* | 45 | 210 | • | |
| C0735LWTZS | CAB. TOP LINE CLEAR WHITE BODY - WHITE COVER 7X35* | 45 | 210 | • | |
| C0735LWTTS | CAB. TOP LINE CLEAR WHITE BODY - BLACK COVER 7X35* | 45 | 210 | • | |
| C0835LWTPS | CAB. TOP LINE CLEAR WHITE BODY - LIGHT BLUE COVER 8X35* | 45 | 210 | • | |
| C0835LWTZS | CAB. TOP LINE CLEAR WHITE BODY - WHITE COVER 8X35* | 45 | 210 | • | |
| C0835LWTTS | CAB. TOP LINE WHITE BODY - BLACK COVER 8X35* | 45 | 210 | • | |
| C0935LWTPS | CAB. TOP LINE CLEAR WHITE BODY - LIGHT BLUE COVER 9X35* | 45 | 210 | • | |
| C0935LWTZS | CAB. TOP LINE CLEAR WHITE BODY - WHITE COVER 9X35* | 45 | 210 | • | |
| C0935LWTTS | CAB. TOP LINE CLEAR WHITE BODY - BLACK COVER 9X35* | 45 | 210 | • | |
| C1035LWTPS | CAB. TOP LINE CLEAR WHITE BODY - LIGHT BLUE COVER 10X35* | 45 | 210 | • | |
| C1035LWTZS | CAB. TOP LINE CLEAR WHITE BODY - WHITE COVER 10X35* | 45 | 210 | • | |
| C1035LWTTS | CAB. TOP LINE CLEAR WHITE BODY - BLACK COVER 10X35* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0735LWTPS | 320 | 500 | 1140 |
| C0735LWTZS | 320 | 500 | 1140 |
| C0735LWTTS | 320 | 500 | 1140 |
| C0835LWTPS | 320 | 500 | 1140 |
| C0835LWTZS | 320 | 500 | 1140 |
| C0835LWTTS | 320 | 500 | 1140 |
| C0935LWTPS | 320 | 500 | 1140 |
| C0935LWTZS | 320 | 500 | 1140 |
| C0935LWTTS | 320 | 500 | 1140 |
| C1035LWTPS | 320 | 500 | 1140 |
| C1035LWTZS | 320 | 500 | 1140 |
| C1035LWTTS | 320 | 500 | 1140 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA076 | BRINE WELL D=100 MM H=780 MM (CAB. 35" SURF/LINE) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners Top Surf Clear Series

- Tanks and covers made in European Union (Italy);
- Cabinets for residential softeners, complete with salt lid and cover of exclusive design with transparent insert;
- Materials: tank in HDPE, cover in polystyrene;
- Standard colours: white tank and blue, white or black cover;
- On demand and for quantities we can realize customized colours;
- EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|--|------|----------|-------------|--|
| C0717SWTPS | CAB. TOP SURF CLEAR WHITE BODY - LIGHT BLUE COVER 7X17* | 45 | 210 | • | |
| C0717SWTZS | CAB. TOP SURF CLEAR WHITE BODY - WHITE COVER 7X17* | 45 | 210 | • | |
| C0717SWTTS | CAB. TOP SURF CLEAR WHITE BODY - BLACK COVER 7X17* | 45 | 210 | • | |
| C0817SWTPS | CAB. TOP SURF CLEAR WHITE BODY - LIGHT BLUE COVER 8X17* | 45 | 210 | • | |
| C0817SWTZS | CAB. TOP SURF CLEAR WHITE BODY - WHITE COVER 8X17* | 45 | 210 | • | |
| C0817SWTTS | CAB. TOP SURF CLEAR WHITE BODY - BLACK COVER 8X17* | 45 | 210 | • | |
| C0917SWTPS | CAB. TOP SURF CLEAR WHITE BODY - LIGHT BLUE COVER 9X17* | 45 | 210 | • | |
| C0917SWTZS | CAB. TOP SURF CLEAR WHITE BODY - WHITE COVER 9X17* | 45 | 210 | • | |
| C0917SWTTS | CAB. TOP SURF CLEAR WHITE BODY - BLACK COVER 9X17* | 45 | 210 | • | |
| C1017SWTPS | CAB. TOP SURF CLEAR WHITE BODY - LIGHT BLUE COVER 10X17* | 45 | 210 | • | |
| C1017SWTZS | CAB. TOP SURF CLEAR WHITE BODY - WHITE COVER 10X17* | 45 | 210 | • | |
| C1017SWTTS | CAB. TOP SURF CLEAR WHITE BODY - BLACK COVER 10X17* | 45 | 210 | • | |

| Ref | Width (mm) | Length(mm) | Height (mm) |
|------------|------------|------------|-------------|
| C0717SWTPS | 320 | 500 | 670 |
| C0717SWTZS | 320 | 500 | 670 |
| C0717SWTTS | 320 | 500 | 670 |
| C0817SWTPS | 320 | 500 | 670 |
| C0817SWTZS | 320 | 500 | 670 |
| C0817SWTTS | 320 | 500 | 670 |
| C0917SWTPS | 320 | 500 | 670 |
| C0917SWTZS | 320 | 500 | 670 |
| C0917SWTTS | 320 | 500 | 670 |
| C1017SWTPS | 320 | 500 | 670 |
| C1017SWTZS | 320 | 500 | 670 |
| C1017SWTTS | 320 | 500 | 670 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA002 | BRINE WELL D=100 MM H=340 MM (CAB. 17") | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners Top Surf Clear Series



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|--|------|----------|-------------|--|
| C0724SWTPS | CAB. TOP SURF CLEAR WHITE BODY - LIGHT BLUE COVER 7X24* | 45 | 210 | • | |
| C0724SWTZS | CAB. TOP SURF CLEAR WHITE BODY - WHITE COVER 7X24* | 45 | 210 | • | |
| C0724SWTTS | CAB. TOP SURF CLEAR WHITE BODY - BLACK COVER 7X24* | 45 | 210 | • | |
| C0824SWTPS | CAB. TOP SURF CLEAR WHITE BODY - LIGHT BLUE COVER 8X24* | 45 | 210 | • | |
| C0824SWTZS | CAB. TOP SURF CLEAR WHITE BODY - WHITE COVER 8X24* | 45 | 210 | • | |
| C0824SWTTS | CAB. TOP SURF CLEAR WHITE BODY - BLACK COVER 8X24* | 45 | 210 | • | |
| C0924SWTPS | CAB. TOP SURF CLEAR WHITE BODY - LIGHT BLUE COVER 9X24* | 45 | 210 | • | |
| C0924SWTZS | CAB. TOP SURF CLEAR WHITE BODY - WHITE COVER 9X24* | 45 | 210 | • | |
| C0924SWTTS | CAB. TOP SURF CLEAR WHITE BODY - BLACK COVER 9X24* | 45 | 210 | • | |
| C1024SWTPS | CAB. TOP SURF CLEAR WHITE BODY - LIGHT BLUE COVER 10X24* | 45 | 210 | • | |
| C1024SWTZS | CAB. TOP SURF CLEAR WHITE BODY - WHITE COVER 10X24* | 45 | 210 | • | |
| C1024SWTTS | CAB. TOP SURF CLEAR WHITE BODY - BLACK COVER 10X24* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0724SWTPS | 320 | 500 | 840 |
| C0724SWTZS | 320 | 500 | 840 |
| C0724SWTTS | 320 | 500 | 840 |
| C0824SWTPS | 320 | 500 | 840 |
| C0824SWTZS | 320 | 500 | 840 |
| C0824SWTTS | 320 | 500 | 840 |
| C0924SWTPS | 320 | 500 | 840 |
| C0924SWTZS | 320 | 500 | 840 |
| C0924SWTTS | 320 | 500 | 840 |
| C1024SWTPS | 320 | 500 | 840 |
| C1024SWTZS | 320 | 500 | 840 |
| C1024SWTTS | 320 | 500 | 840 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA074 | BRINE WELL D=100 MM H=520 MM (CAB. 24" + BRINE TANK 100L) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|--|------|----------|-------------|--|
| C0735SWTPS | CAB. TOP SURF CLEAR WHITE BODY - LIGHT BLUE COVER 7X35* | 45 | 210 | • | |
| C0735SWTZS | CAB. TOP SURF CLEAR WHITE BODY - WHITE COVER 7X35* | 45 | 210 | • | |
| C0735SWTTS | CAB. TOP SURF CLEAR WHITE BODY - BLACK COVER 7X35* | 45 | 210 | • | |
| C0835SWTPS | CAB. TOP SURF CLEAR WHITE BODY - LIGHT BLUE COVER 8X35* | 45 | 210 | • | |
| C0835SWTZS | CAB. TOP SURF CLEAR WHITE BODY - WHITE COVER 8X35* | 45 | 210 | • | |
| C0835SWTTS | CAB. TOP SURF CLEAR WHITE BODY - BLACK COVER 8X35* | 45 | 210 | • | |
| C0935SWTPS | CAB. TOP SURF CLEAR WHITE BODY - LIGHT BLUE COVER 9X35* | 45 | 210 | • | |
| C0935SWTZS | CAB. TOP SURF CLEAR WHITE BODY - WHITE COVER 9X35* | 45 | 210 | • | |
| C0935SWTTS | CAB. TOP SURF CLEAR WHITE BODY - BLACK COVER 9X35* | 45 | 210 | • | |
| C1035SWTPS | CAB. TOP SURF CLEAR WHITE BODY - LIGHT BLUE COVER 10X35* | 45 | 210 | • | |
| C1035SWTZS | CAB. TOP SURF CLEAR WHITE BODY - WHITE COVER 10X35* | 45 | 210 | • | |
| C1035SWTTS | CAB. TOP SURF CLEAR WHITE BODY - BLACK COVER 10X35* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0735SWTPS | 320 | 500 | 1140 |
| C0735SWTZS | 320 | 500 | 1140 |
| C0735SWTTS | 320 | 500 | 1140 |
| C0835SWTPS | 320 | 500 | 1140 |
| C0835SWTZS | 320 | 500 | 1140 |
| C0835SWTTS | 320 | 500 | 1140 |
| C0935SWTPS | 320 | 500 | 1140 |
| C0935SWTZS | 320 | 500 | 1140 |
| C0935SWTTS | 320 | 500 | 1140 |
| C1035SWTPS | 320 | 500 | 1140 |
| C1035SWTWS | 320 | 500 | 1140 |
| C1035SWTTS | 320 | 500 | 1140 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA076 | BRINE WELL D=100 MM H=780 MM (CAB. 35" SURF/LINE) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners New Crystal



- Tanks and covers made in European Union (Italy);
- Cabinets for residential softeners, complete with salt lid and cover of exclusive design with clear insert;
- Materials: tank and salt lid in HDPE; cover in polystyrene;
- Standard colours: white tank and blue, white or black cover;
- On demand and for quantities we can realize customized colours;
- EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0717NWCAS | CAB. NEWMINI CRYSTAL WHITE BODY - LIGHT BLUE COVER 7X17* | 45 | 210 | • | |
| C0717NWCWS | CAB. NEWMINI CRYSTAL WHITE BODY - WHITE COVER 7X17* | 45 | 210 | • | |
| C0717NWCD5 | CAB. NEWMINI CRYSTAL WHITE BODY - BLACK COVER 7X17* | 45 | 210 | • | |
| C0817NWCAS | CAB. NEWMINI CRYSTAL WHITE BODY - LIGHT BLUE COVER 8X17* | 45 | 210 | • | |
| C0817NWCWS | CAB. NEWMINI CRYSTAL WHITE BODY - WHITE COVER 8X17* | 45 | 210 | • | |
| C0817NWCD5 | CAB. NEWMINI CRYSTAL WHITE BODY - BLACK COVER 8X17* | 45 | 210 | • | |
| C0917NWCAS | CAB. NEWMINI CRYSTAL WHITE BODY - LIGHT BLUE COVER 9X17* | 45 | 210 | • | |
| C0917NWCWS | CAB. NEWMINI CRYSTAL WHITE BODY - WHITE COVER 9X17* | 45 | 210 | • | |
| C0917NWCD5 | CAB. NEWMINI CRYSTAL WHITE BODY - BLACK COVER 9X17* | 45 | 210 | • | |
| C1017NWCAS | CAB. NEWMINI CRYSTAL WHITE BODY - LIGHT BLUE COVER 10X17* | 45 | 210 | • | |
| C1017NWCWS | CAB. NEWMINI CRYSTAL WHITE BODY - WHITE COVER 10X17* | 45 | 210 | • | |
| C1017NWCD5 | CAB. NEWMINI CRYSTAL WHITE BODY - BLACK COVER 10X17* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | height (mm) |
|------------|------------|-------------|-------------|
| C0717NWCAS | 320 | 500 | 670 |
| C0717NWCWS | 320 | 500 | 670 |
| C0717NWCD5 | 320 | 500 | 670 |
| C0817NWCAS | 320 | 500 | 670 |
| C0817NWCWS | 320 | 500 | 670 |
| C0817NWCD5 | 320 | 500 | 670 |
| C0917NWCAS | 320 | 500 | 670 |
| C0917NWCWS | 320 | 500 | 670 |
| C0917NWCD5 | 320 | 500 | 670 |
| C1017NWCAS | 320 | 500 | 670 |
| C1017NWCWS | 320 | 500 | 670 |
| C1017NWCD5 | 320 | 500 | 670 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA002 | BRINE WELL D=100 MM H=340 MM (CAB. 17") | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners New Crystal



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0730NWCAS | CAB. NEWMIDI CRYSTAL WHITE BODY - LIGHT BLUE COVER 7X30* | 45 | 210 | • | |
| C0730NWCWS | CAB. NEWMIDI CRYSTAL WHITE BODY - WHITE COVER 7X30* | 45 | 210 | • | |
| C0730NWCD5 | CAB. NEWMIDI CRYSTAL WHITE BODY - BLACK COVER 7X30* | 45 | 210 | • | |
| C0830NWCAS | CAB. NEWMIDI CRYSTAL WHITE BODY - LIGHT BLUE COVER 8X30* | 45 | 210 | • | |
| C0830NWCWS | CAB. NEWMIDI CRYSTAL WHITE BODY - WHITE COVER 8X30* | 45 | 210 | • | |
| C0830NWCD5 | CAB. NEWMIDI CRYSTAL WHITE BODY - BLACK COVER 8X30* | 45 | 210 | • | |
| C0930NWCAS | CAB. NEWMIDI CRYSTAL WHITE BODY - LIGHT BLUE COVER 9X30* | 45 | 210 | • | |
| C0930NWCWS | CAB. NEWMIDI CRYSTAL WHITE BODY - WHITE COVER 9X30* | 45 | 210 | • | |
| C0930NWCD5 | CAB. NEWMIDI CRYSTAL WHITE BODY - BLACK COVER 9X30* | 45 | 210 | • | |
| C1030NWCAS | CAB. NEWMIDI CRYSTAL WHITE BODY - LIGHT BLUE COVER 10X30* | 45 | 210 | • | |
| C1030NWCWS | CAB. NEWMIDI CRYSTAL WHITE BODY - WHITE COVER 10X30* | 45 | 210 | • | |
| C1030NWCD5 | CAB. NEWMIDI CRYSTAL WHITE BODY - BLACK COVER 10X30* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0730NWCAS | 320 | 500 | 1010 |
| C0730NWCWS | 320 | 500 | 1010 |
| C0730NWCD5 | 320 | 500 | 1010 |
| C0830NWCAS | 320 | 500 | 1010 |
| C0830NWCWS | 320 | 500 | 1010 |
| C0830NWCD5 | 320 | 500 | 1010 |
| C0930NWCAS | 320 | 500 | 1010 |
| C0930NWCWS | 320 | 500 | 1010 |
| C0930NWCD5 | 320 | 500 | 1010 |
| C1030NWCAS | 320 | 500 | 1010 |
| C1030NWCWS | 320 | 500 | 1010 |
| C1030NWCD5 | 320 | 500 | 1010 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA009 | BRINE WELL D=100 MM H=690 MM (CAB. 30" + BRINE TANK 140L) | 45 | 230 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners New Crystal



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0735NWCAS | CAB. NEWMAXI CRYSTAL WHITE BODY - LIGHT BLUE COVER 7X35* | 45 | 210 | • | |
| C0735NWCWS | CAB. NEWMAXI CRYSTAL WHITE BODY - WHITE COVER 7X35* | 45 | 210 | • | |
| C0735NWCD5 | CAB. NEWMAXI CRYSTAL WHITE BODY - BLACK COVER 7X35* | 45 | 210 | • | |
| C0835NWCAS | CAB. NEWMAXI CRYSTAL WHITE BODY - LIGHT BLUE COVER 8X35* | 45 | 210 | • | |
| C0835NWCWS | CAB. NEWMAXI CRYSTAL WHITE BODY - WHITE COVER 8X35* | 45 | 210 | • | |
| C0835NWCD5 | CAB. NEWMAXI CRYSTAL WHITE BODY - BLACK COVER 8X35* | 45 | 210 | • | |
| C0935NWCAS | CAB. NEWMAXI CRYSTAL WHITE BODY - LIGHT BLUE COVER 9X35* | 45 | 210 | • | |
| C0935NWCWS | CAB. NEWMAXI CRYSTAL WHITE BODY - WHITE COVER 9X35* | 45 | 210 | • | |
| C0935NWCD5 | CAB. NEWMAXI CRYSTAL WHITE BODY - BLACK COVER 9X35* | 45 | 210 | • | |
| C1035NWCAS | CAB. NEWMAXI CRYSTAL WHITE BODY - LIGHT BLUE COVER 10X35* | 45 | 210 | • | |
| C1035NWCWS | CAB. NEWMAXI CRYSTAL WHITE BODY - WHITE COVER 10X35* | 45 | 210 | • | |
| C1035NWCD5 | CAB. NEWMAXI CRYSTAL WHITE BODY - BLACK COVER 10X35* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0735NWCAS | 320 | 500 | 1140 |
| C0735NWCWS | 320 | 500 | 1140 |
| C0735NWCD5 | 320 | 500 | 1140 |
| C0835NWCAS | 320 | 500 | 1140 |
| C0835NWCWS | 320 | 500 | 1140 |
| C0835NWCD5 | 320 | 500 | 1140 |
| C0935NWCAS | 320 | 500 | 1140 |
| C0935NWCWS | 320 | 500 | 1140 |
| C0935NWCD5 | 320 | 500 | 1140 |
| C1035NWCAS | 320 | 500 | 1140 |
| C1035NWCWS | 320 | 500 | 1140 |
| C1035NWCD5 | 320 | 500 | 1140 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA004 | BRINE WELL D=100 MM H=820 MM (CAB. 35"MAXI) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners New Iceberg



- Tanks and covers made in European Union (Italy);
- Cabinets for residential softeners, complete with salt lid and cover of exclusive design with clear insert;
- Materials: tank and salt lid in HDPE; cover in polystyrene;
- Standard colours: white tank and blue, white or black cover;
- On demand and for quantities we can realize customized colours;
- EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0717NWIQS | CAB. NEWMINI ICEBERG WHITE BODY - LIGHT BLUE/WHITE COVER 7X17* | 45 | 210 | • | |
| C0817NWIQS | CAB. NEWMINI ICEBERG WHITE BODY - LIGHT BLUE/ WHITE COVER 8X17* | 45 | 210 | • | |
| C0917NWIQS | CAB. NEWMINI ICEBERG WHITE BODY - LIGHT BLUE/WHITE COVER 9X17* | 45 | 210 | • | |
| C1017NWIQS | CAB. NEWMINI ICEBERG WHITE BODY - LIGHT BLUE/WHITE COVER 10X17* | 45 | 210 | • | |



| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0717NWIQS | 320 | 500 | 670 |
| C0817NWIQS | 320 | 500 | 670 |
| C0917NWIQS | 320 | 500 | 670 |
| C1017NWIQS | 320 | 500 | 670 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA002 | BRINE WELL D=100 MM H=340 MM (CAB. 17") | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners New Iceberg



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0730NWIQS | CAB. NEWMIDI ICEBERG WHITE BODY - LIGHT BLUE/WHITE COVER 7X30* | 45 | 210 | • | |
| C0830NWIQS | CAB. NEWMIDI ICEBERG WHITE BODY - LIGHT BLUE/WHITE COVER 8X30* | 45 | 210 | • | |
| C0930NWIQS | CAB. NEWMIDI ICEBERG WHITE BODY - LIGHT BLUE/WHITE COVER 9X30* | 45 | 210 | • | |
| C1030NWIQS | CAB. NEWMIDI ICEBERG WHITE BODY - LIGHT BLUE/WHITE COVER 10X30* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0730NWIQS | 320 | 500 | 1010 |
| C0830NWIQS | 320 | 500 | 1010 |
| C0930NWIQS | 320 | 500 | 1010 |
| C1030NWIQS | 320 | 500 | 1010 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA009 | BRINE WELL D=100 MM H=690 MM (CAB. 30" + BRINE TANK 140L) | 45 | 230 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0735NWIQS | CAB. NEWMAXI ICEBERG WHITE BODY - LIGHT BLUE/WHITE COVER 7X35* | 45 | 210 | • | |
| C0835NWIQS | CAB. NEWMAXI ICEBERG WHITE BODY - LIGHT BLUE/WHITE COVER 8X35* | 45 | 210 | • | |
| C0935NWIQS | CAB. NEWMAXI ICEBERG WHITE BODY - LIGHT BLUE/WHITE COVER 9X35* | 45 | 210 | • | |
| C1035NWIQS | CAB. NEWMAXI ICEBERG WHITE BODY - LIGHT BLUE/WHITE COVER 10X35* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0735NWIQS | 320 | 500 | 1140 |
| C0835NWIQS | 320 | 500 | 1140 |
| C0935NWIQS | 320 | 500 | 1140 |
| C1035NWIQS | 320 | 500 | 1140 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA004 | BRINE WELL D=100 MM H=820 MM (CAB. 35"MAXI) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinet for Softeners Ocean Series



- Tanks and covers made in European Union (Italy);
- Cabinets for residential softeners, complete with salt lid and cover of exclusive design with clear insert;
- Materials: tank and salt lid in HDPE; cover in polystyrene;
- Standard colours: white tank and blue, white or black cover;
- On demand and for quantities we can realize customized colours;
- EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0717NWOAS | CAB. NEWMINI OCEAN WHITE BODY - LIGHT BLUE COVER 7X17* | 45 | 210 | • | |
| C0717NWOWS | CAB. NEWMINI OCEAN WHITE BODY - WHITE COVER 7X17* | 45 | 210 | • | |
| C0717NWODS | CAB. NEWMINI OCEAN WHITE BODY - BLACK COVER 7X17* | 45 | 210 | • | |
| C0817NWOAS | CAB. NEWMINI OCEAN WHITE BODY - LIGHT BLUE COVER 8X17* | 45 | 210 | • | |
| C0817NWOWS | CAB. NEWMINI OCEAN WHITE BODY - WHITE COVER 8X17* | 45 | 210 | • | |
| C0817NWODS | CAB. NEWMINI OCEAN WHITE BODY - BLACK COVER 8X17* | 45 | 210 | • | |
| C0917NWOAS | CAB. NEWMINI OCEAN WHITE BODY - LIGHT BLUE COVER 9X17* | 45 | 210 | • | |
| C0917NWOWS | CAB. NEWMINI OCEAN WHITE BODY - WHITE COVER 9X17* | 45 | 210 | • | |
| C0917NWODS | CAB. NEWMINI OCEAN WHITE BODY - BLACK COVER 9X17* | 45 | 210 | • | |
| C1017NWOAS | CAB. NEWMINI OCEAN WHITE BODY - LIGHT BLUE COVER 10X17* | 45 | 210 | • | |
| C1017NWOWS | CAB. NEWMINI OCEAN WHITE BODY - WHITE COVER 10X17* | 45 | 210 | • | |
| C1017NWODS | CAB. NEWMINI OCEAN WHITE BODY - BLACK COVER 10X17* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0717NWOAS | 320 | 500 | 670 |
| C0717NWOWS | 320 | 500 | 670 |
| C0717NWODS | 320 | 500 | 670 |
| C0817NWOAS | 320 | 500 | 670 |
| C0817NWOWS | 320 | 500 | 670 |
| C0817NWODS | 320 | 500 | 670 |
| C0917NWOAS | 320 | 500 | 670 |
| C0917NWOWS | 320 | 500 | 670 |
| C0917NWODS | 320 | 500 | 670 |
| C1017NWOAS | 320 | 500 | 670 |
| C1017NWOWS | 320 | 500 | 670 |
| C1017NWODS | 320 | 500 | 670 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA002 | BRINE WELL D=100 MM H=340 MM (CAB. 17") | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0730NWOAS | CAB. NEWMIDI OCEAN WHITE BODY - LIGHT BLUE COVER 7X30* | 45 | 210 | • | |
| C0730NWOWS | CAB. NEWMIDI OCEAN WHITE BODY - WHITE COVER 7X30* | 45 | 210 | • | |
| C0730NWODS | CAB. NEWMIDI OCEAN WHITE BODY - BLACK COVER 7X30* | 45 | 210 | • | |
| C0830NWOAS | CAB. NEWMIDI OCEAN WHITE BODY - LIGHT BLUE COVER 8X30* | 45 | 210 | • | |
| C0830NWOWS | CAB. NEWMIDI OCEAN WHITE BODY - WHITE COVER 8X30* | 45 | 210 | • | |
| C0830NWODS | CAB. NEWMIDI OCEAN WHITE BODY - BLACK COVER 8X30* | 45 | 210 | • | |
| C0930NWOAS | CAB. NEWMIDI OCEAN WHITE BODY - LIGHT BLUE COVER 9X30* | 45 | 210 | • | |
| C0930NWOWS | CAB. NEWMIDI OCEAN WHITE BODY - WHITE COVER 9X30 * | 45 | 210 | • | |
| C0930NWODS | CAB. NEWMIDI OCEAN WHITE BODY - BLACK COVER 9X30* | 45 | 210 | • | |
| C1030NWOAS | CAB. NEWMIDI OCEAN WHITE BODY - LIGHT BLUE COVER 10X30* | 45 | 210 | • | |
| C1030NWOWS | CAB. NEWMIDI OCEAN WHITE BODY - WHITE COVER 10X30* | 45 | 210 | • | |
| C1030NWODS | CAB. NEWMIDI OCEAN WHITE BODY - BLACK COVER 10X30* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0730NWOAS | 320 | 500 | 1010 |
| C0730NWOWS | 320 | 500 | 1010 |
| C0730NWODS | 320 | 500 | 1010 |
| C0830NWOAS | 320 | 500 | 1010 |
| C0830NWOWS | 320 | 500 | 1010 |
| C0830NWODS | 320 | 500 | 1010 |
| C0930NWOAS | 320 | 500 | 1010 |
| C0930NWOWS | 320 | 500 | 1010 |
| C0930NWODS | 320 | 500 | 1010 |
| C1030NWOAS | 320 | 500 | 1010 |
| C1030NWOWS | 320 | 500 | 1010 |
| C1030NWODS | 320 | 500 | 1010 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA009 | BRINE WELL D=100 MM H=690 MM (CAB. 30" + BRINE TANK 140L) | 45 | 230 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0735NWOAS | CAB. NEWMAXI OCEAN WHITE BODY - LIGHT BLUE COVER 7X35* | 45 | 210 | • | |
| C0735NWOWS | CAB. NEWMAXI OCEAN WHITE BODY - WHITE COVER 7X35* | 45 | 210 | • | |
| C0735NWODS | CAB. NEWMAXI OCEAN WHITE BODY - BLACK COVER 7X35* | 45 | 210 | • | |
| C0835NWOAS | CAB. NEWMAXI OCEAN WHITE BODY - LIGHT BLUE COVER 8X35* | 45 | 210 | • | |
| C0835NWOWS | CAB. NEWMAXI OCEAN WHITE BODY - WHITE COVER 8X35* | 45 | 210 | • | |
| C0835NWODS | CAB. NEWMAXI OCEAN WHITE BODY - BLACK COVER 8X35* | 45 | 210 | • | |
| C0935NWOAS | CAB. NEWMAXI OCEAN WHITE BODY - LIGHT BLUE COVER 9X35* | 45 | 210 | • | |
| C0935NWOWS | CAB. NEWMAXI OCEAN WHITE BODY - WHITE COVER 9X35* | 45 | 210 | • | |
| C0935NWODS | CAB. NEWMAXI OCEAN WHITE BODY - BLACK COVER 9X35* | 45 | 210 | • | |
| C1035NWOAS | CAB. NEWMAXI OCEAN WHITE BODY - LIGHT BLUE COVER 10X35* | 45 | 210 | • | |
| C1035NWOWS | CAB. NEWMAXI OCEAN WHITE BODY - WHITE COVER 10X35* | 45 | 210 | • | |
| C1035NWODS | CAB. NEWMAXI OCEAN WHITE BODY - BLACK COVER 10X35* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0735NWOAS | 320 | 500 | 1140 |
| C0735NWOWS | 320 | 500 | 1140 |
| C0735NWODS | 320 | 500 | 1140 |
| C0835NWOAS | 320 | 500 | 1140 |
| C0835NWOWS | 320 | 500 | 1140 |
| C0835NWODS | 320 | 500 | 1140 |
| C0935NWOAS | 320 | 500 | 1140 |
| C0935NWOWS | 320 | 500 | 1140 |
| C0935NWODS | 320 | 500 | 1140 |
| C1035NWOAS | 320 | 500 | 1140 |
| C1035NWOWS | 320 | 500 | 1140 |
| C1035NWODS | 320 | 500 | 1140 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA004 | BRINE WELL D=100 MM H=820 MM (CAB. 35"MAXI) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners Logix Series



- Tanks and covers made in European Union (Italy);
- Cabinets for residential softeners, complete with salt lid and cover for integrate installation of LOGIX control AUTOTROL valves;
- Materials: tank and salt lid in HDPE; cover in polystyrene;
- Standard colours: white tank and blue, white or black cover;
- On demand and for quantities we can realize customized colours;
- EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0717NWLAS | CAB. NEWMINI LOGIX WHITE BODY - LIGHT BLUE COVER 7X17* | 45 | 210 | • | |
| C0717NWLWS | CAB. NEWMINI LOGIX WHITE BODY - WHITE COVER 7X17* | 45 | 210 | • | |
| C0717NWLDs | CAB. NEWMINI LOGIX WHITE BODY - BLACK COVER 7X17* | 45 | 210 | • | |
| C0817NWLAS | CAB. NEWMINI LOGIX WHITE BODY - LIGHT BLUE COVER 8X17* | 45 | 210 | • | |
| C0817NWLWS | CAB. NEWMINI LOGIX WHITE BODY - WHITE COVER 8X17* | 45 | 210 | • | |
| C0817NWLDs | CAB. NEWMINI LOGIX WHITE BODY - BLACK COVER 8X17* | 45 | 210 | • | |
| C0917NWLAS | CAB. NEWMINI LOGIX WHITE BODY - LIGHT BLUE COVER 9X17* | 45 | 210 | • | |
| C0917NWLWS | CAB. NEWMINI LOGIX WHITE BODY - WHITE COVER 9X17* | 45 | 210 | • | |
| C0917NWLDs | CAB. NEWMINI LOGIX WHITE BODY - BLACK COVER 9X17* | 45 | 210 | • | |
| C1017NWLAS | CAB. NEWMINI LOGIX WHITE BODY - LIGHT BLUE COVER 10X17* | 45 | 210 | • | |
| C1017NWLWS | CAB. NEWMINI LOGIX WHITE BODY - WHITE COVER 10X17* | 45 | 210 | • | |
| C1017NWLDs | CAB. NEWMINI LOGIX WHITE BODY - BLACK COVER 10X17* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0717NWLAS | 320 | 500 | 670 |
| C0717NWLWS | 320 | 500 | 670 |
| C0717NWLDs | 320 | 500 | 670 |
| C0817NWLAS | 320 | 500 | 670 |
| C0817NWLWS | 320 | 500 | 670 |
| C0817NWLDs | 320 | 500 | 670 |
| C0917NWLAS | 320 | 500 | 670 |
| C0917NWLWS | 320 | 500 | 670 |
| C0917NWLDs | 320 | 500 | 670 |
| C1017NWLAS | 320 | 500 | 670 |
| C1017NWLWS | 320 | 500 | 670 |
| C1017NWLDs | 320 | 500 | 670 |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA002 | BRINE WELL D=100 MM H=340 MM (CAB. 17") | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners Logix Series



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0730NWLAS | CAB. NEWMIDI LOGIX WHITE BODY - LIGHT BLUE COVER 7X30* | 45 | 210 | • | |
| C0730NWLWS | CAB. NEWMIDI LOGIX WHITE BODY - WHITE COVER 7X30* | 45 | 210 | • | |
| C0730NWLD5 | CAB. NEWMIDI LOGIX WHITE BODY - BLACK COVER 7X30* | 45 | 210 | • | |
| C0830NWLAS | CAB. NEWMIDI LOGIX WHITE BODY - LIGHT BLUE COVER 8X30* | 45 | 210 | • | |
| C0830NWLWS | CAB. NEWMIDI LOGIX WHITE BODY - WHITE COVER 8X30* | 45 | 210 | • | |
| C0830NWLD5 | CAB. NEWMIDI LOGIX WHITE BODY - BLACK COVER 8X30* | 45 | 210 | • | |
| C0930NWLAS | CAB. NEWMIDI LOGIX WHITE BODY - LIGHT BLUE COVER 9X30* | 45 | 210 | • | |
| C0930NWLWS | CAB. NEWMIDI LOGIX WHITE BODY - WHITE COVER 9X30 * | 45 | 210 | • | |
| C0930NWLD5 | CAB. NEWMIDI LOGIX WHITE BODY - BLACK COVER 9X30 * | 45 | 210 | • | |
| C1030NWLAS | CAB. NEWMIDI LOGIX WHITE BODY - LIGHT BLUE COVER 10X30* | 45 | 210 | • | |
| C1030NWLWS | CAB. NEWMIDI LOGIX WHITE BODY - WHITE COVER 10X30* | 45 | 210 | • | |
| C1030NWLD5 | CAB. NEWMIDI LOGIX WHITE BODY - BLACK COVER 10X30* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0730NWLAS | 320 | 500 | 1010 |
| C0730NWLWS | 320 | 500 | 1010 |
| C0730NWLD5 | 320 | 500 | 1010 |
| C0830NWLAS | 320 | 500 | 1010 |
| C0830NWLWS | 320 | 500 | 1010 |
| C0830NWLD5 | 320 | 500 | 1010 |
| C0930NWLAS | 320 | 500 | 1010 |
| C0930NWLWS | 320 | 500 | 1010 |
| C0930NWLD5 | 320 | 500 | 1010 |
| C1030NWLAS | 320 | 500 | 1010 |
| C1030NWLWS | 320 | 500 | 1010 |
| C1030NWLD5 | 320 | 500 | 1010 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA009 | BRINE WELL D=100 MM H=690 MM (CAB. 30" + BRINE TANK 140L) | 45 | 230 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0735NWLAS | CAB. NEWMAXI LOGIX WHITE BODY - LIGHT BLUE COVER 7X35* | 45 | 210 | • | |
| C0735NWLWS | CAB. NEWMAXI LOGIX WHITE BODY - WHITE COVER 7X35* | 45 | 210 | • | |
| C0735NWLD5 | CAB. NEWMAXI LOGIX WHITE BODY - BLACK COVER 7X35* | 45 | 210 | • | |
| C0835NWLAS | CAB. NEWMAXI LOGIX WHITE BODY - LIGHT BLUE COVER 8X35* | 45 | 210 | • | |
| C0835NWLWS | CAB. NEWMAXI LOGIX WHITE BODY - WHITE COVER 8X35* | 45 | 210 | • | |
| C0835NWLD5 | CAB. NEWMAXI LOGIX WHITE BODY - BLACK COVER 8X35* | 45 | 210 | • | |
| C0935NWLAS | CAB. NEWMAXI LOGIX WHITE BODY - LIGHT BLUE COVER 9X35* | 45 | 210 | • | |
| C0935NWLWS | CAB. NEWMAXI LOGIX WHITE BODY - WHITE COVER 9X35* | 45 | 210 | • | |
| C0935NWLD5 | CAB. NEWMAXI LOGIX WHITE BODY - BLACK COVER 9X35* | 45 | 210 | • | |
| C1035NWLAS | CAB. NEWMAXI LOGIX WHITE BODY - LIGHT BLUE COVER 10X35* | 45 | 210 | • | |
| C1035NWLWS | CAB. NEWMAXI LOGIX WHITE BODY - WHITE COVER 10X35* | 45 | 210 | • | |
| C1035NWLD5 | CAB. NEWMAXI LOGIX WHITE BODY - BLACK COVER 10X35* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0735NWLAS | 320 | 500 | 1140 |
| C0735NWLWS | 320 | 500 | 1140 |
| C0735NWLD5 | 320 | 500 | 1140 |
| C0835NWLAS | 320 | 500 | 1140 |
| C0835NWLWS | 320 | 500 | 1140 |
| C0835NWLD5 | 320 | 500 | 1140 |
| C0935NWLAS | 320 | 500 | 1140 |
| C0935NWLWS | 320 | 500 | 1140 |
| C0935NWLD5 | 320 | 500 | 1140 |
| C1035NWLAS | 320 | 500 | 1140 |
| C1035NWLWS | 320 | 500 | 1140 |
| C1035NWLD5 | 320 | 500 | 1140 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA004 | BRINE WELL D=100 MM H=820 MM (CAB. 35"MAXI) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners Crystal Series



- Tanks and covers made in European Union (Italy);
- Cabinets for residential softeners, complete with salt lid and cover of exclusive design with clear insert;
- Materials: tank and salt lid in HDPE; cover in polystyrene;
- Standard colours: white tank and blue, white or black cover;
- On demand and for quantities we can realize customized colours;
- EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------------|--|------|----------|-------------|--|
| C0717EWCAS | CAB. MINI CRYSTAL WHITE BODY - LIGHT BLUE COVER 7X17* | 45 | 210 | • | |
| C0717EWCWS | CAB. MINI CRYSTAL WHITE BODY - WHITE COVER 7X17* | 45 | 210 | • | |
| C0717EWCDGS | CAB. MINI CRYSTAL WHITE BODY - BLACK COVER 7X17* | 45 | 210 | • | |
| C0817EWCAS | CAB. MINI CRYSTAL WHITE BODY - LIGHT BLUE COVER 8X17* | 45 | 210 | • | |
| C0817EWCWS | CAB. MINI CRYSTAL WHITE BODY - WHITE COVER 8X17* | 45 | 210 | • | |
| C0817EWCDGS | CAB. MINI CRYSTAL WHITE BODY - BLACK COVER 8X17* | 45 | 210 | • | |
| C0917EWCAS | CAB. MINI CRYSTAL WHITE BODY - LIGHT BLUE COVER 9X17* | 45 | 210 | • | |
| C0917EWCWS | CAB. MINI CRYSTAL WHITE BODY - WHITE COVER 9X17* | 45 | 210 | • | |
| C0917EWCDGS | CAB. MINI CRYSTAL WHITE BODY - BLACK COVER 9X17* | 45 | 210 | • | |
| C1017EWCAS | CAB. MINI CRYSTAL WHITE BODY - LIGHT BLUE COVER 10X17* | 45 | 210 | • | |
| C1017EWCWS | CAB. MINI CRYSTAL WHITE BODY - WHITE COVER 10X17* | 45 | 210 | • | |
| C1017EWCDGS | CAB. MINI CRYSTAL WHITE BODY - BLACK COVER 10X17* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|-------------|------------|-------------|-------------|
| C0717EWCAS | 320 | 500 | 670 |
| C0717EWCWS | 320 | 500 | 670 |
| C0717EWCDGS | 320 | 500 | 670 |
| C0817EWCAS | 320 | 500 | 670 |
| C0817EWCWS | 320 | 500 | 670 |
| C0817EWCDGS | 320 | 500 | 670 |
| C0917EWCAS | 320 | 500 | 670 |
| C0917EWCWS | 320 | 500 | 670 |
| C0917EWCDGS | 320 | 500 | 670 |
| C1017EWCAS | 320 | 500 | 670 |
| C1017EWCWS | 320 | 500 | 670 |
| C1017EWCDGS | 320 | 500 | 670 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA002 | BRINE WELL D=100 MM H=340 MM (CAB. 17") | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|--|------|----------|-------------|--|
| C0735EWCAS | CAB. MAXI CRYSTAL WHITE BODY - LIGHT BLUE COVER 7X35* | 45 | 210 | • | |
| C0735EWCWS | CAB. MAXI CRYSTAL WHITE BODY - WHITE COVER 7X35* | 45 | 210 | • | |
| C0735EWCD5 | CAB. MAXI CRYSTAL WHITE BODY - BLACK COVER 7X35* | 45 | 210 | • | |
| C0835EWCAS | CAB. MAXI CRYSTAL WHITE BODY - LIGHT BLUE COVER 8X35* | 45 | 210 | • | |
| C0835EWCWS | CAB. MAXI CRYSTAL WHITE BODY - WHITE COVER 8X35* | 45 | 210 | • | |
| C0835EWCD5 | CAB. MAXI CRYSTAL WHITE BODY - BLACK COVER 8X35* | 45 | 210 | • | |
| C0935EWCAS | CAB. MAXI CRYSTAL WHITE BODY - LIGHT BLUE COVER 9X35* | 45 | 210 | • | |
| C0935EWCWS | CAB. MAXI CRYSTAL WHITE BODY - WHITE COVER 9X35* | 45 | 210 | • | |
| C0935EWCD5 | CAB. MAXI CRYSTAL WHITE BODY - BLACK COVER 9X35* | 45 | 210 | • | |
| C1035EWCAS | CAB. MAXI CRYSTAL WHITE BODY - LIGHT BLUE COVER 10X35* | 45 | 210 | • | |
| C1035EWCWS | CAB. MAXI CRYSTAL WHITE BODY - WHITE COVER 10X35* | 45 | 210 | • | |
| C1035EWCD5 | CAB. MAXI CRYSTAL WHITE BODY - BLACK COVER 10X35* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0735EWCAS | 320 | 500 | 1140 |
| C0735EWCWS | 320 | 500 | 1140 |
| C0735EWCD5 | 320 | 500 | 1140 |
| C0835EWCAS | 320 | 500 | 1140 |
| C0835EWCWS | 320 | 500 | 1140 |
| C0835EWCD5 | 320 | 500 | 1140 |
| C0935EWCAS | 320 | 500 | 1140 |
| C0935EWCWS | 320 | 500 | 1140 |
| C0935EWCD5 | 320 | 500 | 1140 |
| C1035EWCAS | 320 | 500 | 1140 |
| C1035EWCWS | 320 | 500 | 1140 |
| C1035EWCD5 | 320 | 500 | 1140 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA004 | BRINE WELL D=100 MM H=820 MM (CAB. 35"MAXI) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners Iceberg Series



- Tanks and covers made in European Union (Italy);
- Cabinets for residential softeners, complete with salt lid and cover of exclusive design;
- Materials: tank and salt lid in HDPE; cover in polystyrene;
- Standard colours: white tank and blue (or white or black) cover with white insert;
- On demand and for quantities we can realize customized colours;
- EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|--|------|----------|-------------|--|
| C0717EWIQS | CAB. MINI ICEBERG WHITE BODY - LIGHT BLUE/WHITE BODY COVER 7X17* | 45 | 210 | • | |
| C0817EWIQS | CAB. MINI ICEBERG WHITE BODY - LIGHT BLUE/WHITE COVER 8X17* | 45 | 210 | • | |
| C0917EWIQS | CAB. MINI ICEBERG WHITE BODY - LIGHT BLUE/WHITE COVER 9X17* | 45 | 210 | • | |
| C1017EWIQS | CAB. MINI ICEBERG WHITE BODY - LIGHT BLUE/WHITE COVER 10X17* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0717EWIQS | 320 | 500 | 670 |
| C0817EWIQS | 320 | 500 | 670 |
| C0917EWIQS | 320 | 500 | 670 |
| C1017EWIQS | 320 | 500 | 670 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|--|------|----------|-------------|--|
| C0735EWIQS | CAB. MAXI ICEBERG WHITE BODY - LIGHT BLUE/WHITE COVER 7X35* | 45 | 210 | • | |
| C0835EWIQS | CAB. MAXI ICEBERG WHITE BODY - LIGHT BLUE/WHITE COVER 8X35* | 45 | 210 | • | |
| C0935EWIQS | CAB. MAXI ICEBERG WHITE BODY - LIGHT BLUE/WHITE COVER 9X35* | 45 | 210 | • | |
| C1035EWIQS | CAB. MAXI ICEBERG WHITE BODY - LIGHT BLUE/WHITE COVER 10X35* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0735EWIQS | 320 | 500 | 1140 |
| C0835EWIQS | 320 | 500 | 1140 |
| C0935EWIQS | 320 | 500 | 1140 |
| C1035EWIQS | 320 | 500 | 1140 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners Iceberg Series

Accessories

| Ref | Description | Fam. | Subfa m. | Disp: Stock | |
|-------|---|------|----------|-------------|--|
| PA002 | BRINE WELL D=100 MM H=340 MM (CAB. 17") | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA004 | BRINE WELL D=100 MM H=820 MM (CAB. 35"MAXI) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |



Cabinets for Softeners Joker Series



JOKER A



JOKER B



Cab.JOKER

- Tanks and covers made in European Union (Italy);
- JOKER brine/resin tanks that can be combined in special bi-blocs cabinets;
- Capacity as brine tank 82 liters;
- Suitable to fit 7"- 8" - 9" - 10" x 35" tanks as resin tank;
- Overall dimensions 310 x 310 mm height 900 mm;
- Materials: tank in HDPE; cover in ABS;
- Standard colours: white tank and blue, white or black cover;
- On demand and for quantities we can realize customized colours;
- EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0735AWJAX | CAB. JOKER WHITE BODY - LIGHT BLUE COVER 7X35* | 45 | 210 | • | |
| C0735AWJWX | CAB. JOKER WHITE BODY - WHITE COVER 7X35* | 45 | 210 | • | |
| C0735AWJDX | CAB. JOKER WHITE BODY - BLACK COVER 7X35* | 45 | 210 | • | |
| C0835AWJAX | CAB. JOKER WHITE BODY - LIGHT BLUE COVER 8X35* | 45 | 210 | • | |
| C0835AWJWX | CAB. JOKER WHITE BODY - WHITE COVER 8X35* | 45 | 210 | • | |
| C0835AWJDX | CAB. JOKER WHITE BODY - BLACK COVER 8X35* | 45 | 210 | • | |
| C0935AWJAX | CAB. JOKER WHITE BODY - LIGHT BLUE COVER 9X35* | 45 | 210 | • | |
| C0935AWJWX | CAB. JOKER WHITE BODY - WHITE COVER 9X35* | 45 | 210 | • | |
| C0935AWJDX | CAB. JOKER WHITE BODY - BLACK COVER 9X35* | 45 | 210 | • | |
| C1035AWJAX | CAB. JOKER WHITE BODY - LIGHT BLUE COVER 10X35* | 45 | 210 | • | |
| C1035AWJWX | CAB. JOKER WHITE BODY - WHITE COVER 10X35* | 45 | 210 | • | |
| C1035AWJDX | CAB. JOKER WHITE BODY - BLACK COVER 10X35* | 45 | 210 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA004 | BRINE WELL D=100 MM H=820 MM (CAB. 35"MAXI) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |

Joker brine tanks

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|---|------|----------|-------------|--|
| T0082AWAA | BRINE TANK JOKER A WHITE BODY - LIGHT BLUE COVER* | 45 | 220 | • | |
| T0082AWAW | BRINE TANK JOKER A WHITE BODY - WHITE COVER* | 45 | 220 | • | |
| T0082AWAD | BRINE TANK JOKER A WHITE BODY - BLACK COVER * | 45 | 220 | • | |
| T0082BWBA | BRINE TANK JOKER B WHITE BODY - LIGHT BLUE COVER* | 45 | 220 | • | |
| T0082BWBW | BRINE TANK JOKER B WHITE BODY - WHITE COVER* | 45 | 220 | • | |
| T0082BWBD | BRINE TANK JOKER B WHITE BODY - BLACK COVER* | 45 | 220 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners New Series

- Tanks and salt lids made in European Union (Italy); - Cabinets for residential softeners;
- Materials: tank in HDPE; salt lid in polystyrene; - Standard colours: tank and salt lid white;
- On demand and for quantities we can realize customized colours; - EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0717NWXXS | CAB. NEWMINI WHITE BODY - NO COVER 7X17* | 45 | 210 | • | |
| C0817NWXXS | CAB. NEWMINI WHITE BODY - NO COVER 8X17* | 45 | 210 | • | |
| C0917NWXXS | CAB. NEWMINI WHITE BODY - NO COVER 9X17* | 45 | 210 | • | |
| C1017NWXXS | CAB. NEWMINI WHITE BODY - NO COVER 10X17* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0717NWXXS | 320 | 500 | 435 |
| C0817NWXXS | 320 | 500 | 435 |
| C0917NWXXS | 320 | 500 | 435 |
| C1017NWXXS | 320 | 500 | 435 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA002 | BRINE WELL D=100 MM H=340 MM (CAB. 17") | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0730NWXXS | CAB. NEWMIDI WHITE BODY - NO COVER 7X30* | 45 | 210 | • | |
| C0830NWXXS | CAB. NEWMIDI WHITE BODY - NO COVER 8X30* | 45 | 210 | • | |
| C0930NWXXS | CAB. NEWMIDI WHITE BODY - NO COVER 9X30* | 45 | 210 | • | |
| C1030NWXXS | CAB. NEWMIDI WHITE BODY - NO COVER 10X30* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0730NWXXS | 320 | 500 | 775 |
| C0830NWXXS | 320 | 500 | 775 |
| C0930NWXXS | 320 | 500 | 775 |
| C1030NWXXS | 320 | 500 | 775 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA009 | BRINE WELL D=100 MM H=690 MM (CAB. 30" + BRINE TANK 140L) | 45 | 230 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|------|----------|-------------|--|
| C0735NWXXS | CAB. NEWMAXI WHITE BODY - NO COVER 7X35* | 45 | 210 | • | |
| C0835NWXXS | CAB. NEWMAXI WHITE BODY - NO COVER 8X35* | 45 | 210 | • | |
| C0935NWXXS | CAB. NEWMAXI WHITE BODY - NO COVER 9X35* | 45 | 210 | • | |
| C1035NWXXS | CAB. NEWMAXI WHITE BODY - NO COVER 10X35* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0735NWXXS | 320 | 500 | 895 |
| C0835NWXXS | 320 | 500 | 895 |
| C0935NWXXS | 320 | 500 | 895 |
| C1035NWXXS | 320 | 500 | 895 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA004 | BRINE WELL D=100 MM H=820 MM (CAB. 35"MAXI) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Cabinets for Softeners New Series

- Tanks and salt lids made in European Union (Italy);
- Cabinets for residential softeners;
- Materials: tank in HDPE; salt lid in polystyrene;
- Standard colours: tank and salt lid white;
- On demand and for quantities we can realize customized colours;
- EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|--|------|----------|-------------|--|
| C0717EWXXS | CAB. MINI WHITE BODY - NO COVER 7X17* | 45 | 210 | • | |
| C0817EWXXS | CAB. MINI WHITE BODY - NO COVER 8X17* | 45 | 210 | • | |
| C0917EWXXS | CAB. MINI WHITE BODY - NO COVER 9X17* | 45 | 210 | • | |
| C1017EWXXS | CAB. MINI WHITE BODY - NO COVER 10X17* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0717EWXXS | 320 | 500 | 435 |
| C0817EWXXS | 320 | 500 | 435 |
| C0917EWXXS | 320 | 500 | 435 |
| C1017EWXXS | 320 | 500 | 435 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA002 | BRINE WELL D=100 MM H=340 MM (CAB. 17") | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|--|------|----------|-------------|--|
| C0735EWXXS | CAB. MAXI WHITE BODY - NO COVER 7X35* | 45 | 210 | • | |
| C0835EWXXS | CAB. MAXI WHITE BODY - NO COVER 8X35* | 45 | 210 | • | |
| C0935EWXXS | CAB. MAXI WHITE BODY - NO COVER 9X35* | 45 | 210 | • | |
| C1035EWXXS | CAB. MAXI WHITE BODY - NO COVER 10X35* | 45 | 210 | • | |

| Ref | Width (mm) | Length (mm) | Height (mm) |
|------------|------------|-------------|-------------|
| C0735EWXXS | 320 | 500 | 895 |
| C0835EWXXS | 320 | 500 | 895 |
| C0935EWXXS | 320 | 500 | 895 |
| C1035EWXXS | 320 | 500 | 895 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA004 | BRINE WELL D=100 MM H=820 MM (CAB. 35"MAXI) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



EUROTROL[®]

WATER TREATMENT COMPONENTS



MWG brine tanks



Residential Square Brine Tank



- Made in European Union (Italy);
- Brine tank material HDPE;
- Complete with cover in ABS;
- Dimensions 380 x 380 mm, height 790 mm;
- Capacity 85 liters;
- Available multiple packaging of 30 pcs per pallet;
- EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|--|------|----------|-------------|--|
| T0085QWQA | SQUARE BRINE TANK WHITE BODY - LIGHT BLUE COVER* | 45 | 220 | • | |
| T0085QWQW | SQUARE BRINE TANK WHITE BODY - WHITE COVER* | 45 | 220 | • | |
| T0085QWQD | SQUARE BRINE TANK WHITE BODY - BLACK COVER* | 45 | 220 | • | |

| Ref | Description | Tank colour | Cover colour |
|-----------|--|-------------|--------------|
| T0085QWQA | SQUARE BRINE TANK WHITE BODY - LIGHT BLUE COVER* | White | Blue |
| T0085QWQW | SQUARE BRINE TANK WHITE BODY - WHITE COVER* | White | White |
| T0085QWQD | SQUARE BRINE TANK WHITE BODY - BLACK COVER* | White | Black |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |

Accessories: Salt grid

- Made in European Union (Italy);
- Material HDPE;
- Height 200 mm;
- Hole for brine well diameter 100 mm;
- Salt gride holes 3 mm.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-----------------------------------|------|----------|-------------|--|
| PC006 | SALT GRIDE FOR SQUARE BRINE TANK* | 45 | 230 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |

Brine well

- Material PVC with cover;
- Diameter 100 mm;
- Height 640 mm.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| PA008 | BRINE WELL D=100 MM H=640 MM (SQUARE BRINE TANK) | 45 | 230 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |



Residential Round Brine Tanks



- Made in European Union (Italy);
- Brine tanks complete with cover;
- Material PE medium density, rotomolded;
- Single or multiple packaging of 20 pcs per pallet for 100 liters and 140 liters brine tanks and 16 pcs per pallet for 190 liters brine tanks;
- Colour white opaque UVA ray resistant;
- Cover colours available: white, blue or black;
- EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|--|------|----------|-------------|--|
| T0100CWCA | BRINE TANK LT 100 WHITE BODY - LIGHT BLUE COVER* | 45 | 221 | • | |
| T0100CWCD | BRINE TANK LT 100 WHITE BODY - BLACK COVER* | 45 | 221 | • | |
| T0100CWCB | BRINE TANK LT 100 WHITE BODY - WHITE COVER* | 45 | 221 | • | |

| Ref | Capacity (liters) | Cover colour | A (mm) | B (mm) | C (mm) |
|-----------|-------------------|--------------|--------|--------|--------|
| T0100CWCA | 100 | White | 460 | 616 | 565 |
| T0100CWCD | 100 | Light Blue | 460 | 616 | 565 |
| T0100CWCB | 100 | Black | 460 | 616 | 565 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | 105x105x230 | 24 | 110 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------|
| | MWG | Domestic, Commercial |

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|--|------|----------|-------------|--|
| T0140CWCA | BRINE TANK LT 140 WHITE BODY - LIGHT BLUE COVER* | 45 | 221 | • | |
| T0140CWCD | BRINE TANK LT 140 WHITE BODY - BLACK COVER* | 45 | 221 | • | |
| T0140CWCB | BRINE TANK LT 140 WHITE BODY - WHITE COVER* | 45 | 221 | • | |

| Ref | Capacity (Liters) | Cover colour | A (mm) | B (mm) | C (mm) |
|-----------|-------------------|--------------|--------|--------|--------|
| T0140CWCA | 140 | White | 460 | 843 | 565 |
| T0140CWCD | 140 | Light Blue | 460 | 843 | 565 |
| T0140CWCB | 140 | Black | 460 | 843 | 565 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | 105x105x225 | 20 | 140 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------|
| | MWG | Domestic, Commercial |



| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-----------|--|------|--------------|----------------|--|
| T0190CWCW | BRINE TANK LT 190 WHITE BODY - WHITE COVER* | 45 | 222 | • | |
| T0190CWCA | BRINE TANK LT 190 WHITE BODY - LIGHT BLUE COVER* | 45 | 222 | • | |
| T0190CWCD | BRINE TANK LT 190 WHITE BODY - BLACK COVER* | 45 | 222 | • | |

| Ref | Capacity (liters) | Cover color | A (mm) | B (mm) | C (mm) |
|-----------|-------------------|-------------|--------|--------|--------|
| T0190CWCW | 190 | White | 460 | 1123 | 565 |
| T0190CWCA | 190 | Light Blue | 460 | 1123 | 565 |
| T0190CWCD | 190 | Black | 460 | 1123 | 565 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | 105x105x230 | 16 | 130 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------|
| | MWG | Domestic, Commercial |



Residential Round Brine Tanks

**Accessories: Salt grid**

- Made in European Union (Italy);
- Material PE medium density;
- Hole for brine well diameter 100 mm;
- Salt grid holes ~ 3 mm.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|--|------|--------------|----------------|--|
| PC031 | SALT GRIDE FOR BRINE TANK LT 140-190 H=130 | 45 | 230 | • | |

| Ref | Description | Height (mm) | Diameter (mm) |
|-------|--|-------------|---------------|
| PC031 | SALT GRIDE FOR BRINE TANK LT 140-190 H=130 | 130 | 475 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|--|------|--------------|----------------|--|
| PC032 | SALT GRIDE FOR BRINE TANK LT 140-190 H=200 * | 45 | 230 | • | |

| Ref | Description | Height (mm) | Diameter (mm) |
|-------|--|-------------|---------------|
| PC032 | SALT GRIDE FOR BRINE TANK LT 140-190 H=200 * | 200 | 475 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|--|------|--------------|----------------|--|
| PC033 | SALT GRIDE FOR BRINE TANK LT 140-190 H=270 * | 45 | 230 | • | |

| Ref | Description | Height (mm) | Diameter (mm) |
|-------|--|-------------|---------------|
| PC033 | SALT GRIDE FOR BRINE TANK LT 140-190 H=270 * | 270 | 475 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | MWG | Domestic |



Residential Round Brine Tanks

Brine well

- Material PVC with cover;
- Diameter 100 mm

| Ref | Description | Fam. | Subfa m. | Disp.St ock | |
|-------|---|------|----------|-------------|--|
| PA074 | BRINE WELL D=100 MM H=520 MM (CAB. 24" + BRINE TANK 100L) | 45 | 215 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Ref | Description | Height (mm) | For brine tanks (liters) |
|-------|---|-------------|--------------------------|
| PA074 | BRINE WELL D=100 MM H=520 MM (CAB. 24" + BRINE TANK 100L) | 520 | 100 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| PA009 | BRINE WELL D=100 MM H=690 MM (CAB. 30" + BRINE TANK 140L) | 45 | 230 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Ref | Description | Height (mm) | For brine tanks (liters) |
|-------|---|-------------|--------------------------|
| PA009 | BRINE WELL D=100 MM H=690 MM (CAB. 30" + BRINE TANK 140L) | 690 | 140 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| PA014 | BRINE WELL D=100 MM H=970 MM (BRINE TANK 190L) | 45 | 230 | • | |
| PA001 | CAP FOR BRINE WELL D=100 MM | 45 | 215 | • | |

| Ref | Description | Height (mm) | For brine tanks (liters) |
|-------|--|-------------|--------------------------|
| PA014 | BRINE WELL D=100 MM H=970 MM (BRINE TANK 190L) | 970 | 190 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |



Industrial Round Brine Tanks



- Made in European Union (Italy);
- Brine tanks complete with cover;
- Material PE medium density, rotomolded;
- Single or multiple packaging of 3 pcs per pallet;
- Colour white opaque UVA ray resistant;
- Cover colours available: white, blue or black;
- EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|--|------|----------|-------------|--|
| T0340CWCW | BRINE TANK LT 340 WHITE BODY - WHITE COVER* | 45 | 223 | • | |
| T0340CWCA | BRINE TANK LT 340 WHITE BODY - LIGHT BLUE COVER* | 45 | 223 | • | |
| T0340CWCD | BRINE TANK LT 340 WHITE BODY - BLACK COVER* | 45 | 223 | • | |

| Ref | Capacity (liters) | Cover color | A (mm) | B (mm) | C (mm) |
|-----------|-------------------|-------------|--------|--------|--------|
| T0340CWCW | 340 | White | 594 | 1200 | 723 |
| T0340CWCA | 340 | Light Blu | 594 | 1200 | 723 |
| T0340CWCD | 340 | Black | 594 | 1200 | 723 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | 80x80x215 | 3 | 40 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| | MWG | Commercial, Industrial |

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|---|------|----------|-------------|--|
| T0460CWCW | BRINE TANK LT 460 WHITE BODY - WHITE COVER* | 45 | 223 | • | |
| T0460CWCA | BRINE TANK LT 460 WHITE BODY - LIGHT BLUE* | 45 | 223 | • | |
| T0460CWCD | BRINE TANK LT 460 WHITE BODY - BLACK COVER* | 45 | 223 | • | |

| Ref | Capacity (liters) | Cover color | A (mm) | B (mm) | C (mm) |
|-----------|-------------------|-------------|--------|--------|--------|
| T0460CWCW | 460 | White | 703 | 1196 | 833 |
| T0460CWCA | 460 | Light Blu | 703 | 1196 | 833 |
| T0460CWCD | 460 | Black | 703 | 1196 | 833 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | 80x80x210 | 3 | 55 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| | MWG | Commercial, Industrial |



Industrial Round Brine Tanks

Accessories: Salt grid

- Made in European Union (Italy);
- Material PE medium density;
- Hole for brine well diameter 160 mm;
- Salt grid holes □ = 5 mm.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| PC070 | SALT GRIDE FOR BRINE TANK LT 340 H=375 | 45 | 230 | • | |
| PC071 | SALT GRIDE FOR BRINE TANK 460 LT H=375 | 45 | 230 | • | |

| Ref | Height (mm) | Diameter (mm) | For brine tanks (liters) |
|-------|-------------|---------------|--------------------------|
| PC070 | 375 | 600 | 340 |
| PC071 | 375 | 700 | 460 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| | MWG | Commercial, Industrial |

Brine well

- Material PVC with cover;
- Diameter 160 mm;
- Height 1050 mm.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| PA016T | BRINE WELL D=160 MM H=1050 MM (IND. BRINE TANK) | 45 | 230 | • | |
| PA058 | CAP FOR BRINE WELL D=160 MM | 45 | 230 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| | | Commercial, Industrial |



Industrial Round Brine Tanks



- Made in European Union (Italy);
- Brine tanks complete with cover;
- Material PE medium density, rotomolded;
- Single or multiple packaging of 3 pcs per pallet;
- Colour white opaque UVA ray resistant;
- Cover colours available: white, blue or black;
- EU design patent no. 003156272.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|--|------|----------|-------------|--|
| T0670CWCW | BRINE TANK LT 670 WHITE BODY - WHITE COVER* | 45 | 224 | • | |
| T0670CWCA | BRINE TANK LT 670 WHITE BODY - LIGHT BLUE COVER* | 45 | 224 | • | |
| T0670CWCD | BRINE TANK LT 670 WHITE BODY - BLACK COVER* | 45 | 224 | • | |

| Ref | Capacity (liters) | Cover color | A (mm) | B (mm) | C (mm) |
|-----------|-------------------|-------------|--------|--------|--------|
| T0670CWCW | 670 | White | 847 | 1196 | 973 |
| T0670CWCA | 670 | Light Blu | 847 | 1196 | 973 |
| T0670CWCD | 670 | Black | 847 | 1196 | 973 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | 80x80x210 | 3 | 70 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | MWG | Industrial |

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|--|------|----------|-------------|--|
| T0920CWCW | BRINE TANK LT 920 WHITE BODY - WHITE COVER* | 45 | 224 | • | |
| T0920CWCA | BRINE TANK LT 920 WHITE BODY - LIGHT BLUE COVER* | 45 | 224 | • | |
| T0920CWCD | BRINE TANK LT 920 WHITE BODY - BLACK COVER* | 45 | 224 | • | |

| Ref | Capacity (liters) | Cover color | A (mm) | B (mm) | C (mm) |
|-----------|-------------------|-------------|--------|--------|--------|
| T0920CWCW | 920 | White | 997 | 1206 | 1123 |
| T0920CWCA | 920 | Light Blu | 997 | 1206 | 1123 |
| T0920CWCD | 920 | Black | 997 | 1206 | 1123 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | 105x105x235 | 3 | 85 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | MWG | Industrial |



Industrial Round Brine Tanks

Accessories: Salt grid

- Made in European Union (Italy);
- Material PE medium density;
- Hole for brine well diameter 160 mm;
- Salt gride holes □ = 5 mm.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| PC072 | SALT GRIDE FOR BRINE TANK LT 670 H=375 | 45 | 230 | • | |
| PC073 | SALT GRIDE FOR BRINE TANK LT 920 H=375 | 45 | 230 | • | |

| Ref | Height (mm) | Diameter (mm) | For brine tanks (liters) |
|-------|-------------|---------------|--------------------------|
| PC072 | 375 | 835 | 670 |
| PC073 | 375 | 1010 | 920 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | MWG | Industrial |

Brine well

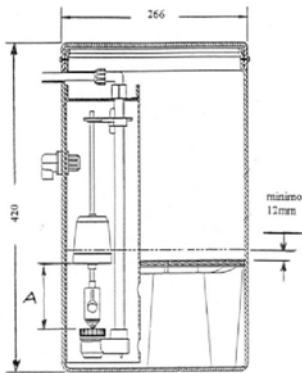
- Material PVC with cover;
- Diameter 160 mm;
- Height 1050 mm.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| PA016T | BRINE WELL D=160 MM H=1050 MM (IND. BRINE TANK) | 45 | 230 | • | |
| PA058 | CAP FOR BRINE WELL D=160 MM | 45 | 230 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |



Potassium Permanganate Feeder



- Feeder for potassium permanganate solution, to realize automatic iron removal systems with manganese greensand;
- Complete with floating valve, well, special grid for permanganate, overflow, safety screw for cover;
- Material: polyethylene;
- Dimensions: diameter 266 mm, height 420 mm;
- Storage KMnO₄ capacity: 13,6 kg;
- Connection for $\frac{3}{8}$ " tubing;
- Colour black.

Float setting:

- Suggested dose of regenerant: 2 ÷ 4 g KMnO₄ per greensand liter KMnO₄ solution: 30 g/l at 10°C 60 g/l at 22°C
- Minimum A floating setting at 108 mm is equivalent to 4 liters of solution.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| AV120 | COMPLETE PERMANGANATE FEEDER FOR 255FA -268FA | 10 | 62 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |



MWG
CSM, VONTRON
membranes
reverse osmosis



MWG Membranes



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|------------------------------|------|----------|-------------|--|
| MMRO1812-50 | MWG 1.8" MEMBRANE RO1812-50 | 30 | 151 | • | |
| MMRO1812-75 | MWG 1.8" MEMBRANE RO1812-75 | 30 | 151 | • | |
| MMRO2012-100 | MWG 2" MEMBRANE RO2012-100 | 30 | 151 | • | |
| MMRO2012-150 | MWG 2" MEMBRANE RO2012-150 | 30 | 151 | • | |
| MMRO2812-200 | MWG 2.8" MEMBRANE RO2812-200 | 30 | 156 | • | |
| MMRO3012-300 | MWG 3" MEMBRANE RO3012-300 | 30 | 156 | • | |
| MMRO3012-400 | MWG 3" MEMBRANE RO3012-400 | 30 | 156 | • | |
| MMNF1812 | MWG 1.8" MEMBRANE NF-1812 | 30 | 151 | • | |
| MMNF2012 | MWG 2" MEMBRANE NF-2012 | 30 | 151 | • | |
| MMNF3012 | MWG 3" MEMBRANE NF-3012 | 30 | 156 | • | |
| MMXLP2521 | MWG 2.5" MEMBRANE XLP-2521 | 30 | 161 | • | |
| MMXLP2540 | MWG 2.5" MEMBRANE XLP-2540 | 30 | 161 | • | |
| MMXLP4021 | MWG 4" MEMBRANE XLP-4021 | 30 | 162 | • | |
| MMXLP4040 | MWG 4" MEMBRANE XLP-4040 | 30 | 162 | • | |
| MMXLP8040 | MWG 8" MEMBRANE XLP-8040 | 35 | 163 | • | |
| MMXLP8040HR | MWG 8" MEMBRANE XLP-8040HR | 35 | 163 | • | |
| MMULP2540 | MWG 2.5" MEMBRANE ULP-2540 | 30 | 161 | • | |
| MMULP4021 | MWG 4" MEMBRANE ULP-4021 | 30 | 162 | • | |
| MMULP4040 | MWG 4" MEMBRANE ULP-4040 | 30 | 162 | • | |
| MMULP4040HR | MWG 4" MEMBRANE ULP-4040MR | 30 | 162 | • | |
| MMULP4040MR | MWG 4" MEMBRANE ULP-4040MR | 30 | 162 | • | |
| MMULP8040 | MWG 8" MEMBRANE ULP-8040 | 35 | 163 | • | |
| MMULP8040MR | MWG 8" MEMBRANE ULP-8040MR | 35 | 163 | • | |
| MMBW4040 | MWG 4" MEMBRANE BW-4040 | 30 | 162 | • | |
| MMBW4040FR | MWG 4" MEMBRANE BW-4040FR | 30 | 162 | • | |
| MMBW8040 | MWG 8" MEMBRANE BW-8040 | 35 | 163 | • | |
| MMBW8040FR | MWG 8" MEMBRANE BW-8040FR | 35 | 163 | • | |
| MMBW8040HR | MWG 8" MEMBRANE BW-8040HR | 35 | 163 | • | |
| MMSW2521 | MWG 2.5" MEMBRANE SW-2521 | 30 | 161 | • | |
| MMSW2540 | MWG 2.5" MEMBRANE SW-2540 | 30 | 161 | • | |
| MMSW4021 | MWG 4" MEMBRANE SW-4021 | 30 | 162 | • | |
| MMSW4040 | MWG 4" MEMBRANE SW-4040 | 30 | 162 | • | |
| MMSW4040HR | MWG 4" MEMBRANE SW-4040HR | 30 | 162 | • | |
| MMSW8040 | MWG 8" MEMBRANE SW-8040 | 35 | 163 | • | |
| MMSW8040HR | MWG 8" MEMBRANE SW-8040HR | 35 | 163 | • | |
| MMSW8040MR | MWG 8" MEMBRANE SW-8040MR | 35 | 163 | • | |
| MMNF2-2540 | MWG 2.5" MEMBRANE NF2-2540 | 30 | 161 | • | |
| MMNF1-4040R | MWG 4" MEMBRANE NF2-4040 | 30 | 162 | • | |
| MMNF2-4040 | MWG 4" MEMBRANE NF2-4040 | 30 | 162 | • | |
| MMNF2-8040 | MWG 8" MEMBRANE NF2-8040 | 35 | 163 | • | |



MWG Membranes

| Ref | Mod. | Permeate flow rate GPD (m³/d) | Rejection NaCl (%) | Effective area m2 (ft2) | Spacer (mil) | Test | NSF |
|--------------|-------|-------------------------------|--------------------|-------------------------|--------------|------|-----|
| MMRO1812-50 | TW RO | 50 (0,19) | 98,0 | 0,37 (4) | X | 1 | 58 |
| MMRO1812-75 | TW RO | 75 (0,28) | 98,0 | 0,37 (4) | X | 1 | 58 |
| MMRO2012-100 | TW RO | 100 (0,38) | 98,0 | 0,56 (6) | X | 1 | 58 |
| MMRO2012-150 | TW RO | 150 (0,57) | 98,0 | 0,56 (6) | X | 1 | 58 |
| MMRO2812-200 | TW RO | 200 (0,76) | 98,0 | 0,93 (10) | X | 1 | 58 |
| MMRO3012-300 | TW RO | 300 (1,14) | 98,0 | 1,3 (14) | X | 1 | 58 |
| MMRO3012-400 | TW RO | 400 (1,52) | 98,0 | 1,3 (14) | X | 1 | 58 |
| MMNF1812 | TW NF | 100 (0,38) 100 (0,38) | 30-5096,0 | 0,37 (4) | X | 2 | X |
| MMNF2012 | TW NF | 150 (0,57) 150 (0,57) | 30-5096,0 | 0,56 (6) | X | 2 | X |
| MMNF3012 | TW NF | 350 (1,32) 350 (1,32) | 30-5096,0 | 1,3 (14) | X | 2 | X |
| MMXLP2521 | XLP | 300 (1,13) | 99,2 | 1,3 (14) | X | 3 | X |
| MMXLP2540 | XLP | 600 (2,27) | 99,2 | 2,5 (27) | X | 3 | X |
| MMXLP4021 | XLP | 800 (3,04) | 99,2 | 3,4 (36) | X | 3 | X |
| MMXLP4040 | XLP | 2.400 (9,1) | 99,2 | 7,9 (85) | X | 4 | X |
| MMXLP8040 | XLP | 11.000 (41,6) | 99,2 | 37,2 (400) | X | 4 | X |
| MMXLP8040HR | XLP | 9.000 (34,1) | 99,3 | 35,3 (380) | X | 4 | X |
| MMULP2540 | LP | 750 (2,84) | 99,3 | 2,5 (27) | X | 5 | X |
| MMULP4021 | LP | 950 (3,6) | 99,3 | 3,4 (36) | X | 5 | 61 |
| MMULP4040 | LP | 2.600 (9,8) | 99,3 | 7,9 (85) | X | 5 | 61 |
| MMULP4040HR | LP | 1.800 (6,8) | 99,7 | 7,9 (85) | X | 5 | 61 |
| MMULP4040MR | LP | 2.200 (8,3) | 99,6 | 7,9 (85) | X | 5 | 61 |
| MMULP8040 | LP | 12.000 (45,4) | 99,3 | 39 (420) | X | 5 | 61 |
| MMULP8040MR | LP | 10.000 (37,8) | 99,6 | 37,2 (400) | X | 5 | X |
| MMBW4040 | BW | 2.400 (9,1) | 99,6 | 7,9 (85) | X | 6 | 61 |
| MMBW4040FR | BW | 2.000 (7,6) | 99,7 | 7,2 (78) | X | 6 | X |
| MMBW8040 | BW | 10.500 (39,7) | 99,6 | 37,2 (400) | X | 6 | 61 |
| MMBW8040FR | BW | 9.000 (34,1) | 99,7 | 34 (365) | X | 6 | X |
| MMBW8040HR | BW | 9.500 (35,9) | 99,7 | 35,5 (380) | X | 6 | X |
| MMSW2521 | SW | 300 (1,13) | 99,7 | 1,3 (14) | X | 7 | 58 |
| MMSW2540 | SW | 600 (2,27) | 99,7 | 2,5 (27) | X | 7 | 58 |
| MMSW4021 | SW | 800 (3,04) | 99,7 | 3,4 (36) | X | 7 | 58 |
| MMSW4040 | SW | 1.800 (6,8) | 99,7 | 7,9 (85) | X | 7 | 58 |
| MMSW4040HR | SW | 1.500 (5,7) | 99,7 | 7,2 (78) | X | 7 | 58 |
| MMSW8040 | SW | 8.500 (32,1) | 99,7 | 37,2 (400) | X | 7 | 58 |
| MMSW8040HR | SW | 6.500 (24,6) | 99,7 | 35,3 (380) | X | 7 | 58 |
| MMSW8040MR | SW | 7.500 (28,3) | 99,7 | 37,2 (400) | X | 7 | X |
| MMNF2-2540 | NF | 800 (3,04) 800 (3,04) | 30-50 96,0 | 2,5 (27) | X | 8 | X |
| MMNF1-4040R | NF | 1.800 (6,8) 1.800 (6,8) | > 85 99,0 | 7,9 (85) | X | 8 | X |
| MMNF2-4040 | NF | 2.400 (9,1) 2.400 (9,1) | 30-50 96,0 | 7,9 (85) | X | 8 | X |
| MMNF2-8040 | NF | 12.000 (45,4) 12.000 (45,4) | 30-50 96,0 | 37,2 (400) | X | 8 | X |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| DM174-2004 | MWG | Domestic, Commercial, Industrial |



MWG Membranes

| Test condition | Pressure (psi) | Temperature of solution NaCl (°C) | Concentration of NaCl solution (ppm) | Concentration of MgSO4 solution (ppm) | pH | Recovery rate (%) |
|----------------|----------------|-----------------------------------|--------------------------------------|---------------------------------------|---------|-------------------|
| 1 | 60 | 25 | 250 | - | 7,5-8,0 | 15 |
| 2 | 60 | 25 | 250 | 250 | 7,5-8,0 | 15 |
| 3 | 100 | 25 | 500 | - | 7,5-8,0 | 8 |
| 4 | 100 | 25 | 500 | - | 7,5-8,0 | 15 |
| 5 | 150 | 25 | 500 | - | 7,5-8,0 | 15 |
| 6 | 225 | 25 | 2000 | - | 7,5-8,0 | 15 |
| 7 | 800 | 25 | 32000 | - | 7,5-8,0 | 8 |
| 8 | 70 | 25 | 500 | 2000 | 7,5-8,0 | 15 |

TW RO: Residential RO - **XLP:** Extra Low Pressure - **BW:** Brackish Water - **NF:** Nano Filtration - **TW NF:** Industrial NF - **LP:** Low Pressure - **SW:** Sea Water



CSM Membranes



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|------------------------------|------|----------|-------------|--|
| MCRE1812-50 | CSM 1.8" MEMBRANE RE1812-50 | 30 | 150 | • | |
| MCRE1812-60 | CSM 1.8" MEMBRANE RE1812-60 | 30 | 150 | • | |
| MCRE1812-80 | CSM 1.8" MEMBRANE RE1812-80 | 30 | 150 | • | |
| MCRE1812-HR+ | CSM 1.8" MEMBRANE RE1812-HR+ | 30 | 150 | • | |
| MCRE2012-100 | CSM 2" MEMBRANE RE2012-100 | 30 | 150 | • | |
| MCRE2012-150 | CSM 2" MEMBRANE RE2012-150 | 30 | 150 | • | |
| MCRE2012-400 | CSM 2" MEMBRANE RE2012-400 | 30 | 150 | • | |
| MCRE2012-LP | CSM 2" MEMBRANE RE2012-LP | 30 | 150 | • | |
| MCRE2012-LPF | CSM 2" MEMBRANE RE2012-LPF | 30 | 150 | • | |
| MCRE2812-300 | CSM 2.8" MEMBRANE RE2812-300 | 30 | 155 | • | |
| MCRE3012-500 | CSM 3" MEMBRANE RE3012-500 | 30 | 165 | • | |
| MCRE3512-TK | CSM 3.5" MEMBRANE RE3512-TK | 30 | 155 | • | |
| MCNE1812 | CSM 1.8" MEMBRANE NE1812 | 30 | 150 | • | |
| MCRE2514-TL | CSM 2.5" MEMBRANE RE2514-TL | 30 | 160 | • | |
| MCRE2514-TLF | CSM 2.5" MEMBRANE RE2514-TLF | 30 | 160 | • | |
| MCRE2521-BLN | CSM 2.5" MEMBRANE RE2521-BLN | 30 | 160 | • | |
| MCRE2521-BLF | CSM 2.5" MEMBRANE RE2521-BLF | 30 | 160 | • | |
| MCRE2540-BLN | CSM 2.5" MEMBRANE RE2540-BLN | 30 | 160 | • | |
| MCRE2540-BLF | CSM 2.5" MEMBRANE RE2540-BLF | 30 | 160 | • | |
| MCRE2540-BLR | CSM 2.5" MEMBRANE RE2540-BLR | 30 | 160 | • | |
| MCRE4021-BLN | CSM 4" MEMBRANE RE4021-BLN | 30 | 165 | • | |
| MCRE4021-BLF | CSM 4" MEMBRANE RE4021-BLF | 30 | 165 | • | |
| MCRE4040-BLN | CSM 4" MEMBRANE RE4040-BLN | 30 | 165 | • | |
| MCRE4040-BLF | CSM 4" MEMBRANE RE4040-BLF | 30 | 165 | • | |



CSM Membranes

| Ref | Mod. | Permeate flow rate GPD (m³/d) | Rejection NaCl (%) | Effective area m2 (ft2) | Spacer (mil) | Test | NSF |
|--------------|-------|-------------------------------|--------------------|-------------------------|--------------|------|-----|
| MCRE1812-50 | TW RO | 50 (0,19) | 98 | | X | 6 | 58 |
| MCRE1812-60 | TW RO | 60 (0,22) | 98 | | X | 6 | 58 |
| MCRE1812-80 | TW RO | 80 (0,30) | 98 | | X | 6 | 58 |
| MCRE1812-HR+ | TW RO | 80 (0,30) | 99 | | X | 6 | 58 |
| MCRE2012-100 | TW RO | 100 (0,38) | 98 | | X | 6 | 58 |
| MCRE2012-150 | TW RO | 150 (0,57) | 98 | 0,59 (6,4) | X | 6 | 58 |
| MCRE2012-400 | TW RO | 400 (1,52) | 96 | | X | 6 | 58 |
| MCRE2012-LP | TW RO | 50 (0,19) | 93 | | X | 7 | 58 |
| MCRE2012-LPF | TW RO | 60. (0,22) | 93 | | X | 7 | 58 |
| MCRE2812-300 | TW RO | 300 (1,14) | 96 | | X | 10 | 58 |
| MCRE3012-500 | TW RO | 500 (1,90) | 97 | | X | 10 | x |
| MCRE3512-TK | TW RO | 600 (2,27) | 95 | | X | 9 | 58 |
| MCNE1812 | TW NF | 80 (0,30) | 40-60 | | X | 8 | x |
| MCRE2514-TL | LP | 250 (0,94) | 97,5 | 0,65 (7) | X | 2 | x |
| MCRE2514-TLF | LP | 250 (0,94) | 96,5 | 0,65 (7) | X | 3 | x |
| MCRE2521-BLN | LP | 400 (1,52) | 99,2 | 1,1 (12) | X | 2 | x |
| MCRE2521-BLF | LP | 350 (1,32) | 99,2 | 1,1 (12) | X | 3 | x |
| MCRE2540-BLN | LP | 930 (3,50) | 99,2 | 2,5 (27) | X | 2 | x |
| MCRE2540-BLF | LP | 800 (3,04) | 99,2 | 2,5 (27) | X | 3 | x |
| MCRE2540-BLR | LP | 740 (2,80) | 99,6 | 2,5 (27) | X | 2 | x |
| MCRE4021-BLN | LP | 1200 (4,50) | 99,2 | 3,3 (35) | X | 2 | x |
| MCRE4021-BLF | LP | 1050 (3,88) | 99,2 | 3,3 (35) | X | 3 | 61 |
| MCRE4040-BLN | LP | 2600 (9,62) | 99,2 | 7,9 (85) | X | 2 | 61 |
| MCRE4040-BLF | LP | 2500 (9,25) | 99,2 | 7,9 (85) | X | 3 | 61 |



CSM Membranes

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------------|-------------------------------|------|----------|-------------|--|
| MCRE4040-BLR | CSM 4" MEMBRANE RE4040-BLR | 30 | 165 | • | |
| MCRE8040-BLN | CSM 8" MEMBRANE RE8040-BLN | 35 | 190 | • | |
| MCRE8040-BLN440 | CSM 8" MEMBRANE RE8040-BLN440 | 35 | 190 | • | |
| MCRE8040-BLR | CSM 8" MEMBRANE RE8040-BLR | 35 | 190 | • | |
| MCRE8040-BLR440 | CSM 8" MEMBRANE RE8040-BLR440 | 35 | 190 | • | |
| MCRE8040-BLF | CSM 8"MEMBRANE RE8040-BLF | 35 | 190 | • | |
| MCRE8040-BLF440 | CSM 8" MEMBRANE RE8040-BLF440 | 35 | 190 | • | |
| MCRE2521-BE | CSM 2.5" MEMBRANE RE2521-BE | 30 | 160 | • | |
| MCRE2540-BE | CSM 2.5" MEMBRANE RE2540-BE | 30 | 160 | • | |
| MCRE4021-BE | CSM 4" MEMBRANE RE4021-BE | 30 | 165 | • | |
| MCRE4040-BE | CSM 4" MEMBRANE RE4040-BE | 30 | 165 | • | |
| MCRE8040-BN | CSM 8" MEMBRANE RE8040-BN | 35 | 190 | • | |
| MCRE8040-BE | CSM 8" MEMBRANE RE8040-BE | 35 | 190 | • | |
| MCRE8040-BE440 | CSM 8" MEMBRANE RE8040-BE440 | 35 | 190 | • | |
| MCRE8040-BR | CSM 8" MEMBRANE RE8040-BR | 35 | 190 | • | |
| MCRE8040-BR400 | CSM 8" MEMBRANE RE8040-BR400 | 35 | 190 | | |
| MCRE4040-CE | CSM 4"MEMBRANE RE4040-CE | 30 | 165 | | |
| MCRE2540-FEn | CSM 2.5" MEMBRANE RE2540-FEn | 30 | 160 | • | |
| MCRE4040-FEn | CSM 4" MEMBRANE RE4040-Fen | 30 | 165 | • | |
| MCRE4040-FLR | CSM 4" MEMBRANE RE4040-FLR | 30 | 165 | • | |
| MCRE8040-FEn34 | CSM 8" MEMBRANE RE8040-FEn34 | 35 | 190 | • | |
| MCRE8040-FEn | CSM 8" MEMBRANE RE8040-FEn | 35 | 190 | • | |
| MCRE8040-FEN440 | CSM 8" MEMBRANE RE8040-FEN440 | 35 | 190 | | |
| MCRE8040-FL | CSM 8" MEMBRANE RE8040-FL | 35 | 190 | | |
| MCRE8040-FLR34 | CSM 8" MEMBRANE RE8040-FLR | 35 | 190 | • | |



CSM Membranes

| Ref | Mod. | Permeate flow rate GPD (m³/d) | Rejection NaCl (%) | Effective area m2 (ft2) | Spacer (mil) | Test | NSF |
|-----------------|------|-------------------------------|--------------------|-------------------------|--------------|------|-----|
| MCRE4040-BLR | LP | 2100 (7,70) | 99,6 | 7,9 (85) | x | 2 | 61 |
| MCRE8040-BLN | LP | 12000 (45,4) | 99,5 | 45,4 (400) | x | 2 | 61 |
| MCRE8040-BLN440 | LP | 13000 (48,1) | 99,5 | 40,9 (440) | x | 2 | 61 |
| MCRE8040-BLR | LP | 10000 (37,9) | 99,6 | 37,2 (400) | x | 2 | 61 |
| MCRE8040-BLR440 | LP | 11000 (41,6) | 99,6 | 40,9 (440) | x | 2 | 61 |
| MCRE8040-BLF | LP | 11500 (42,6) | 99,2 | 37,2 (400) | x | 3 | 61 |
| MCRE8040-BLF440 | LP | 12650 (46,8) | 99,2 | 40,9 (440) | x | 3 | 61 |
| MCRE2521-BE | BW | 400 (1,52) | 99,5 | 1,1 (12) | x | 1 | x |
| MCRE2540-BE | BW | 1000 (3,80) | 99,5 | 2,5 (27) | x | 1 | x |
| MCRE4021-BE | BW | 1200 (3,80) | 99,5 | 3,3 (35) | x | 1 | x |
| MCRE4040-BE | BW | 2400 (8,88) | 99,7 | 7,9 (85) | x | 1 | 61 |
| MCRE8040-BN | BW | 9500 (35,1) | 99,7 | 33,9 (365) | x | 1 | 61 |
| MCRE8040-BE | BW | 11000 (40,7) | 99,7 | 37,2 (400) | x | 1 | 61 |
| MCRE8040-BE440 | BW | 12000 (44,4) | 99,7 | 40,9 (440) | x | 1 | 61 |
| MCRE8040-BR | BW | 6000 (22,2) | 99,75 | 35,3 (380) | x | 1 | x |
| MCRE8040-BR400 | BW | 6000 (22,2) | 99,75 | 37,2 (400) | x | 1 | x |
| MCRE4040-BLR | CR | 2280 (8,43) | 99 | 7,9 (85) | x | 1 | 61 |
| MCRE2540-FEn | FR | 1000 (3,80) | 99,5 | 2,5 (27) | x | 1 | x |
| MCRE4040-FEn | FR | 2400 (8,88) | 99,7 | 7,9 (85) | x | 1 | x |
| MCRE4040-FLR | FR | 2100 (7,90) | 99,6 | 7,9 (85) | x | 1 | x |
| MCRE8040-FEn34 | FR | 11000 (40,7) | 99,7 | 37,2 (400) | 34 | 1 | 61 |
| MCRE8040-FEn | FR | 11000 (40,7) | 99,7 | 37,2 (400) | 32 | 1 | 61 |
| MCRE8040-FEN440 | FR | 12000 (44,4) | 99,7 | 40,9 (440) | 28 | 1 | 61 |
| MCRE8040-FL | FR | 11000 (40,7) | 99 | 37,2 (400) | x | 2 | x |
| MCRE8040-FLR34 | FR | 10000 (37,0) | 99,6 | 37,2 (400) | 34 | 2 | 61 |



CSM Membranes

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|------------------------------|------|----------|-------------|--|
| MCRE2521-SHF | CSM 2.5" MEMBRANE RE2521-SHF | 30 | 160 | • | |
| MCRE2540-SHN | CSM 2.5" MEMBRANE RE2540-SHN | 30 | 160 | • | |
| MCRE2540-SHF | CSM 2.5" MEMBRANE RE2540-SHF | 30 | 160 | • | |
| MCRE4021-SHN | CSM 4" MEMBRANE RE4021-SHN | 30 | 165 | • | |
| MCNE2540-90 | CSM 2.5" MEMBRANE NE2540-90 | 30 | 160 | • | |
| MCNE4040-90 | CSM 4" MEMBRANE NE4040-90 | 30 | 165 | • | |
| MCNE4040-70 | CSM 4" MEMBRANE NE4040-70 | 30 | 165 | | |
| MCNE4040-40 | CSM 4" MEMBRANE NE4040-40 | 30 | 165 | | |
| MCNE8040-90 | CSM 8" MEMBRANE NE8040-90 | 35 | 190 | • | |
| MCNE8040-70 | CSM 8" MEMBRANE NE8040-70 | 35 | 190 | | |
| MCNE8040-40 | CSM 8" MEMBRANE NE8040-40 | 35 | 190 | | |

| Ref | Mod. | Permeate flow rate GPD (m³/d) | Rejection NaCl (%) | Effective area m² (ft²) | Spacer (mil) | Test | NSF |
|--------------|------|-------------------------------|--------------------|-------------------------|--------------|------|-----|
| MCRE2521-SHF | SW | 270 (0,99) | 99,70 | 1,1 (12) | x | 4 | x |
| MCRE2540-SHN | SW | 500 (1,90) | 99,75 | 2,2 (24) | x | 4 | x |
| MCRE2540-SHF | SW | 560 (2,10) | 99,70 | 2,2 (24) | x | 4 | x |
| MCRE4021-SHN | SW | 600 (2,27) | 99,75 | 3,3 (24) | x | 4 | x |
| MCNE2540-90 | NF | 500 (1,90) | 85-95 | 2,5 (27) | x | 5 | x |
| MCNE4040-90 | NF | 1700 (6,30) | 85-97 90-97 | 7,9 (85) | x | 5 | 61 |
| MCNE4040-70 | NF | 1500 (5,55) | 40-70 45-70 | 7,9 (85) | x | 5 | 61 |
| MCNE4040-40 | NF | 2100 (7,70) | 20-40 | 7,9 (85) | x | 5 | 61 |
| MCNE8040-90 | NF | 8000 (29,6) | 85-97 90-97 | 37,2 (400) | x | 5 | 61 |
| MCNE8040-70 | NF | 7000 (25,9) | 40-70 45-70 | 37,2 (400) | x | 5 | 61 |
| MCNE8040-40 | NF | 10000 (37,9) | 20-40 | 37,2 (400) | x | 5 | 61 |

| Test condition | Pressure (psi) | Temperature of solution NaCl (°C) | Concentration of NaCl solution (ppm) | Concentration of MgSO₄ solution (ppm) | pH | Recovery rate (%) |
|----------------|----------------|-----------------------------------|--------------------------------------|---------------------------------------|---------|-------------------|
| 1 | 225 | 25 | 2000 | - | 6,5-7,0 | 8 ± 15% |
| 2 | 150 | 25 | 1500 | - | 6,5-7,0 | 8 ± 15% |
| 3 | 100 | 25 | 500 | - | 6,5-7,0 | 8 ± 15% |
| 4 | 800 | 25 | 32000 | - | 6,5-7,0 | 4 ± 8% |
| 5 | 75 | 25 | 2000 | 500 | 6,5-7,0 | 15% |
| 6 | 60 | 25 | 200 | - | 6,5-7,0 | 15% |
| 7 | 20 | 25 | 100 | - | 6,5-7,0 | 15% |
| 8 | 60 | 25 | 250 | - | 6,5-7,0 | 15% |
| 9 | 60 | 25 | 200 | - | 6,5-7,0 | 30% |
| 10 | 80 | 25 | 200 | - | 6,5-7,0 | 40% |
| 11 | 150 | 25 | 2000 | - | 6,5-7,0 | 15% |

TW RO: Residential RO - **LP:** Low Pressure - **BW:** Brackish Water - **SW:** Sea Water - **TW NF:** Industrial NF - **FR:** Fouling Resistant - **CR:** Chlorine Resistant - **NF:** Nano Filtration **Produttore:** CSM

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| DM174-2004 | CSM | Domestic, Commercial, Industrial |



CSM Membranes Brine Seal and Interconnector



- Each membrane element supplied with one brine seal and one interconnector (excepted for 2,5" membrane element, supplied without interconnector).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--------------------------|------|----------|-------------|--|
| DC005 | EPDM BRINE SEAL 2.5" CSM | 30 | 160 | • | |
| DD003 | EPDM BRINE SEAL 4" CSM | 30 | 165 | • | |
| EA798 | EPDM BRINE SEAL 8" CSM | 35 | 190 | • | |

| Ref | Description | Material | For Membranes |
|-------|--------------------------|----------|---------------|
| DC005 | EPDM BRINE SEAL 2.5" CSM | EPDM | 2,5" |
| DD003 | EPDM BRINE SEAL 4" CSM | EPDM | 4" |
| EA798 | EPDM BRINE SEAL 8" CSM | EPDM | 8" |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------|
| DM174-2004 | | Domestic, Industrial |

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| DD004 | ABS FEMALE INTERCONNECTOR CSM 2.5" & 4" WITH O-RING - WHITE COLOR | 30 | 165 | • | |
| EA799 | ABS MALE INTERCONNECTOR 1.125" CSM WITH O-RING -BW TYPE BLACK COLOR | 35 | 190 | • | |

| Ref | Material | Color | For Membranes |
|-------|----------|-------|---------------|
| DD004 | ABS | White | 2,5" - 4" |
| EA799 | ABS | Black | 8" |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------|
| DM174-2004 | | Domestic, Industrial |



Vontron Membranes



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|----------------|----------------------------------|------|----------|-------------|--|
| MVULP1812-50 | VONTRON 1.8" MEMBRANE ULP1812-50 | 30 | 152 | • | |
| MVULP1812-75 | VONTRON 1.8" MEMBRANE ULP1812-75 | 30 | 152 | • | |
| MVULP2012-100 | VONTRON 2" MEMBRANE ULP2012-100 | 30 | 152 | • | |
| MVULP2812 | VONTRON 2.8" MEMBRANE ULP2812 | 30 | 157 | • | |
| MVULP3012 | VONTRON 3" MEMBRANE ULP3012 | 30 | 157 | • | |
| MVVNF1-1812 | VONTRON 1.8" MEMBRANE VNF1-1812 | 30 | 152 | • | |
| MVVNF1-2012 | VONTRON 2" MEMBRANE VNF1-2012 | 30 | 152 | • | |
| MVVNF2812 | VONTRON 2.8" MEMBRANE VNF-2812 | 30 | 157 | • | |
| MVXLP11-4040 | VONTRON 4" MEMBRANE XLP11-4040 | 30 | 166 | • | |
| MVXLP12-8040 | VONTRON 8" MEMBRANE XLP12-8040 | 35 | 167 | • | |
| MVULP21-2540 | VONTRON 2.5" MEMBRANE ULP21-2540 | 30 | 159 | • | |
| MVULP21-4021 | VONTRON 4" MEMBRANE ULP21-4021 | 30 | 166 | • | |
| MVULP21-4040 | VONTRON 4" MEMBRANE ULP21-4040 | 30 | 166 | • | |
| MVULP31-4040 | VONTRON 4" MEMBRANE ULP31-4040 | 30 | 166 | • | |
| MVULP22-8040 | VONTRON 8" MEMBRANE ULP22-8040 | 35 | 167 | • | |
| MVULP32-8040 | VONTRON 8" MEMBRANE ULP32-8040 | 35 | 167 | • | |
| MVULP440 | VONTRON 8" MEMBRANE ULP440 | 35 | 167 | • | |
| MVLP100 | VONTRON 4" MEMBRANE LP100 | 30 | 166 | • | |
| MVLP21-4040 | VONTRON 4" MEMBRANE LP21-4040 | 30 | 166 | • | |
| MVLP21-8040 | VONTRON 8" MEMBRANE LP21-8040 | 35 | 167 | • | |
| MVLP22-8040 | VONTRON 8" MEMBRANE LP22-8040 | 35 | 167 | • | |
| MVFR11-4040 | VONTRON 4" MEMBRANE FR11-4040 | 30 | 166 | • | |
| MVFR11-8040 | VONTRON 8" MEMBRANE FR11-8040 | 35 | 167 | • | |
| MVFR12-8040 | VONTRON 8" MEMBRANE FR12-8040 | 35 | 167 | • | |
| MVPURO-LE | VONTRON 8" MEMBRANE PURO-LE | 35 | 167 | • | |
| MVSW11-2521 | VONTRON 2.5" MEMBRANE SW11-2521 | 30 | 159 | • | |
| MVSW11-4021 | VONTRON 4" MEMBRANE SW11-4021 | 30 | 166 | • | |
| MVSW4040HR | VONTRON 4" MEMBRANE SW4040HR | 30 | 166 | • | |
| MVSW4040LE | VONTRON 4" MEMBRANE SW4040LE | 30 | 166 | • | |
| MVSW8040HR-400 | VONTRON 8" MEMBRANE SW8040HR-400 | 35 | 167 | • | |
| MVSW8040LE-400 | VONTRON 8" MEMBRANE SW8040LE-400 | 35 | 167 | • | |
| MVVNF1-2540 | VONTRON 2.5" MEMBRANE VNF1-2540 | 30 | 159 | • | |
| MVVNF1-4040 | VONTRON 4" MEMBRANE VNF1-4040 | 30 | 166 | • | |
| MVVNF1-8040 | VONTRON 8" MEMBRANE VNF1-8040 | 35 | 167 | • | |



Vontron Membranes

| Ref | Mod. | Permeate flow rate GPD (m³/d) | Rejection NaCl rate (%) | Effective area m2 (ft2) | Spacer (mil) | Test | NSF |
|----------------|--------|-------------------------------|-------------------------|-------------------------|--------------|------|-----|
| MVULP1812-50 | TW RO | 50 (0,19) | 97,5 | X X | X | 1 | 58 |
| MVULP1812-75 | TW RO | 75 (0,28) | 97,5 | X X | X | 1 | 58 |
| MVULP2012-100 | TW RO | 100 (0,38) | 95,0 | X X | X | 1 | 58 |
| MVULP2812 | TW RO | 200 (0,76) | 97,0 | X X | X | 3 | 58 |
| MVULP3012 | TW RO | 300 (1,14) | 97,0 | X X | X | 3 | 58 |
| MVVNF1-1812 | TW RO | 100 (0,8) 100 (0,8) | 30,0 ± 10≥ 85 | X X | X | 2 | 58 |
| MVVNF1-2012 | TW RO | 120 (0,45) 120 (0,45) | 30,0 ± 10≥ 85 | X X | X | 2 | 58 |
| MVVNF2812 | TW NF | 300 (1,14) 300 (1,14) | 30,0 ± 10≥ 85 | X X | X | 2 | 58 |
| MVXLP11-4040 | TW NF | 2.000 (7,6) | 98,0 | 8,4 (90) | X | 3 | 61 |
| MVXLP12-8040 | TW NF | 9.000 (34) | 98,0 | 37,2 (400) | X | 3 | X |
| MVULP21-2540 | XLP RO | 750 (2,84) | 99,0 | 2,8 (30) | X | 4 | 61 |
| MVULP21-4021 | XLP RO | 950 (3,6) | 99,0 | 3,3 (36) | X | 4 | 61 |
| MVULP21-4040 | LP | 2.400 (9,1) | 99,0 | 8,4 (90) | X | 5 | 61 |
| MVULP31-4040 | LP | 1.900 (7,2) | 99,4 | 8,4 (90) | X | 5 | 61 |
| MVULP22-8040 | LP | 12.100 (45,7) | 99,0 | 37,2 (400) | X | 5 | 61 |
| MVULP32-8040 | LP | 10.500 (39,7) | 99,5 | 37,2 (400) | X | 5 | 61 |
| MVULP440 | LP | 12.000 (45,4) | 99,5 | 40,9 (440) | X | 6 | X |
| MVLP100 | LP | 2.500 (9,5) | 99,7 | 9,3 (100) | X | 7 | X |
| MVLP21-4040 | LP | 2.400 (9,1) | 99,5 | 8,4 (90) | X | 7 | 61 |
| MVLP21-8040 | BW | 9.600 (36,3) | 99,5 | 33,9 (365) | X | 7 | 61 |
| MVLP22-8040 | BW | 10.500 (39,7) | 99,5 | 37,2 (400) | X | 7 | 61 |
| MVFR11-4040 | BW | 2.200 (8,3) | 99,5 | 8,4 (90) | X | 7 | 61 |
| MVFR11-8040 | BW | 9.600 (36,3) | 99,5 | 33,9 (365) | 34 | 7 | 61 |
| MVFR12-8040 | FR | 10.500 (39,7) | 99,5 | 37,2 (400) | 34 | 7 | X |
| MVPURO-LE | FR | 10.000 (37,9) | 99,5 | 37,2 (400) | 34 | 8 | X |
| MVSW11-2521 | SW | 270 (1,0) | 99,5 | 1,1 (12) | x | 9 | 61 |
| MVSW11-4021 | SW | 750 (2,8) | 99,5 | 3,1 (33) | x | 9 | 61 |
| MVSW4040HR | SW | 1.600 (6,1) | 99,8 | 7,9 (85) | x | 10 | 61 |
| MVSW4040LE | SW | 1.900 (7,2) | 99,7 | 7,9 (85) | x | 10 | 61 |
| MVSW8040HR-400 | SW | 7.500 (28,4) | 99,8 | 37,2 (400) | x | 10 | 61 |
| MVSW8040LE-400 | SW | 9.000 (34,1) | 99,8 | 37,2 (400) | x | 10 | 61 |
| MVVNF1-2540 | NF | 800 (3,03) 650 (2,46) | 30-50≥96 | 2,6 (28) | x | 11 | x |
| MVVNF1-4040 | NF | 2.400 (9,1) 2.000 (7,5) | 30-50≥96 | 7,4 (80) | x | 11 | x |
| MVVNF1-8040 | NF | 12.000(45,4) 10.000 (37,9) | 30-50≥98 | 37,2 (400) | x | 11 | x |



Vontron Membranes

| Test Condition | Pressure (psi) | Temperature of solution NaCl (°C) | Concentration of NaCl Solution (ppm) | Concentration of MgSO4 solution (ppm) | pH | Recovery rate (%) |
|----------------|----------------|-----------------------------------|--------------------------------------|---------------------------------------|---------|-------------------|
| 1 | 60 | 25 | 250 | - | 6,5-8,5 | 15 |
| 2 | 60 | 25 | 250 | CaCl2 250 | 6,5-8,5 | 15 |
| 3 | 100 | 25 | 500 | - | 7,5 | 15 |
| 4 | 150 | 25 | 1500 | - | 7,5 | 8 |
| 5 | 150 | 25 | 1500 | - | 7,5 | 15 |
| 6 | 150 | 25 | 500 | - | 7,5 | 15 |
| 7 | 225 | 25 | 2000 | - | 7,5 | 15 |
| 8 | 150 | 25 | 2000 | - | 7,5 | 15 |
| 9 | 800 | 25 | 32800 | - | 7,5 | 4 |
| 10 | 800 | 25 | 32800 | - | 7,5 | 8 |
| 11 | 100 | 25 | 2000 | MgSO4 2000 | 7,5 | 15 |

TW RO: Residential RO - **XLP RO:** Extra Low Pressure - **BW:** Brackish Water - **SW:** Sea Water - **TW NF:** Industrial NF - **LP:** Low Pressure - **FR:** Sea Water - **NF:** Nano Filtration

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| DM174-2004 | Vontron | Domestic, Commercial, Industrial |



Antiscaling for R. O. Membranes Permascale Eut 110



- PERMASCALE EUT110 is a product that prevents scales and iron sediment on R.O. membranes systems;
- For industrial systems and for potable water treatment systems;
- Very effective on various kinds of water, minimize the fouling and reduce the frequency of membranes cleaning;
- Particularly suitable for big plants with permeate flows higher than 100 m3/day;
- Compatible with all kinds of membranes;
- Replace totally or partially the acidification;
- Easy to use due to the liquid form.

Use

- Injection by dosing pump of pure or diluted product.
- The dosage is according to the concentration of scaling salts and iron, and can vary from 2 to 10 cm³/m³ of feed water

Instructions and Packaging

- Handling: following safety data sheet. Take the normal precautions to handle chemical products.
- Packaging: 25 kg drum.
- Storage: closed on the original packaging, sheltered from cold and heat.

| Characteristics: | |
|---------------------|----------------------|
| Formulation | special phosphonated |
| pH | 7,8 ± 0,5 |
| Appearance | light yellow liquid |
| Density a 20°C | 1,30 ± 0,05 g/ml |
| Checking | phosphonated value |
| Solubility in water | complete |

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---------------------------------|------|----------|-------------|--|
| EA100 | PERMASCALE EUT 110 - DRUM 25 KG | 35 | 191 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| | MWG | Commercial, Industrial |



Antiscaling for R.O. Membranes Permascale EUT 120

**Use**

- PERMASCALE EUT120 is a product that prevents scales and iron sediment on R.O. membranes systems;
- Very effective on various kinds of water, minimize the fouling and reduce the frequency of membranes cleaning;
- Particularly suitable for plants with permeate flows lower than 100 m3/day;
- Compatible with all kinds of membranes;
- Replace totally or partially the acidification;
- Easy to use due to the liquid form.

Instructions and packaging

- Handling: following safety data sheet. Take the normal precautions to handle chemical products.
- Packaging: 25 kg drum.
- Storage: closed on the original packaging, sheltered from cold and heat.

| Characteristics | |
|---------------------|----------------------|
| Formulation | special phosphonated |
| pH | 7,5 ± 0,5 |
| Appearance | light yellow liquid |
| Density a 20°C | 1,30 ± 0,02 g/ml |
| Checking | phosphonated value |
| Solubility in water | complete |

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---------------------------------|------|----------|-------------|--|
| EA101 | PERMASCALE EUT 120 - DRUM 25 KG | 35 | 191 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| | MWG | Commercial, Industrial |



Antiscaling for R. O. Membranes PermaTreat PC-391T

- PermaTreat PC-391T is recommended for systems that produce less than 545 m3/day (100 GPM) of permeate. This program is less concentrated than PermaTreat PC-191T and, therefore, offers the benefits and advantages of neat feed for smaller RO systems;
- PermaTreat PC-391T has exhibited excellent performance against the following foulants: calcium carbonate, calcium sulfate, barium sulfate, strontium sulfate and iron;
- Packaging: 25 kg drum. Minimum order quantity = 4 drums.
- **Compatible Materials**
- Stainless Steel 304, CPVC Piping, Polyethylene, Polypropylene, Plasite 4300 and Plasite 7122.
- All membrane elements based on Polyamide chemistries including Thin Film Composite (TFC) membranes when used as directed.
- **Not Compatible Materials**
- Neoprene, Hypalon elastomer, Buna-N and EPDM: P.S. for all these materials, O-rings are acceptable for static applications. If the fitting is opened, O-ring must be replaced.
- Brass, Polyurethane and Viton.
- **Dosage and Feeding**
- PermaTreat PC-391T must be fed continuously. The feedpoint location should be as close to the RO membrane as practical but one that ensures good mixing with the feedwater prior to entering the RO system.
- PermaTreat PC-391T dosage is dependent on feedwater chemistry, membrane type, system operating parameters (e.g., recovery, temperature and pressure). These parameters determine the potential foulant that is likely to foul the membrane elements.
- Please, consult our Technical Department for detailed dosage and feeding information.
- **Consequences of overfeed**
- Overfeed of PermaTreat PC-391T will result in higher chemical cost.
- **Consequences of underfeed**
- Underfeed of PermaTreat PC-391T will result in poor scale inhibition. This will lead to fouled RO membranes and reduce system performance and/or premature membrane replacement. In RO units, scaling is typically seen in the tail-end elements that have the highest reject concentration (4:1 for a 75% recovery system).
- Please, consult our Technical Department for detailed dosage and feeding information.
- **Environmental and toxicity data**
- Refer to the MSDS for all available mammalian and aquatic toxicity information.
- ppm/ppm product
- Biological Oxygen Demand (5-day BOD5) Not Available
- Chemical Oxygen Demand (COD) Not Available
- Total Organic Carbon (TOC) Not Available
- **Safety and handling**
- Before using PermaTreat PC-391T, please refer to the Material Safety Data Sheet (MSDS) for proper personal protective equipment (PPE) and for health effects.
- **Storage**
- PermaTreat PC-391T has a suggested in-plant storage limit of one year. The suggested maximum storage temperature is 38°C.
- Refer to the (MSDS) for the most current data.
- **Remarks**
- For Medical and Transportation Emergencies, please see the MSDS.

| | |
|------------------------|----------------------|
| Color | Clear, yellow |
| Form | Liquid |
| Odor | Slight ammonia smell |
| Density gravity a 25°C | 1,10 |
| pH (neat) | 10,8 |
| Solubility in water | complete |

| Ref | Description | | | Fam. | Subfa m. | Disp. Stock | |
|-------|----------------------------------|--|--|------|----------|-------------|--|
| EA102 | PERMATREAT PC -391T - DRUM 25 KG | | | 35 | 191 | | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| NSF60 | | Commercial, Industrial |



Antiscaling for R. O. Membranes PermaTreat PC-191T

- PermaTreat PC-191T is a highly effective scale inhibitor whose active components were developed to treat reverse osmosis (RO) systems;
 - PermaTreat PC-191T has shown excellent performance against the following scalants: calcium carbonate, calcium sulfate, barium sulfate, strontium sulfate, calcium fluoride, silica and iron;
 - For RO units with a feedwater flowrate of 545 m3/day (100 GPM) or less, the recommended product would be PermaTreat PC-391T (our ref. EA102);
 - PermaTreat PC-191T is used when the silica level in the brine is less than 185 mg/l at a brine pH of 7,5 and temperature 25°C;
 - Packaging: 25 kg drum. Minimum order quantity = 4 drums.
- Compatible Materials**
- Stainless Steel 304, CPVC Piping, Polyethylene, Polypropylene, Plasite 4300 and Plasite 7122.
 - All membrane elements based on Polyamide chemistries including Thin Film Composite (TFC) membranes when used as directed.
- Not Compatible Materials**
- Neoprene, Hypalon elastomer, Buna-N and EPDM: P.S. for all these materials, O-rings are acceptable for static applications. If the fitting is opened, O-ring must be replaced.
 - Brass, Polyurethane and Viton.
- Dosage and Feeding**
- PermaTreat PC-191T must be fed continuously. The feedpoint location should be as close to the RO membrane as practical but one that ensures good mixing with the feedwater prior to entering the RO system.
 - PermaTreat PC-191T dosage is dependent on feedwater chemistry, membrane type, system operating parameters (e.g., recovery, temperature and pressure). These parameters determine the potential foulant that is likely to foul the membrane elements.
 - Please, consult our Technical Department for detailed dosage and feeding information.
- Consequences of overfeed**
- Overfeed of PermaTreat PC-191T will result in higher chemical cost.
- Consequences of underfeed**
- Underfeed of PermaTreat PC-191T will result in poor scale inhibition. This will lead to fouled RO membranes and reduce system performance and/or premature membrane replacement. In RO units, scaling is typically seen in the tail-end elements that have the highest reject concentration (4:1 for a 75% recovery system).
 - Please, consult our Technical Department for detailed dosage and feeding inform
- Environmental and toxicity data**
- Refer to the MSDS for all available mammalian and aquatic toxicity information.
 - Biological Oxygen Demand (5-day BOD5) Not Available
 - Chemical Oxygen Demand (COD) Not Available
 - Total Organic Carbon (TOC) Not Available
- Safety and handling**
- Before using PermaTreat PC-191T, please refer to the Material Safety Data Sheet (MSDS) for proper personal protective equipment (PPE) and for health effects.
- Storage**
- PermaTreat PC-191T has a suggested in-plant storage limit of one year. The suggested maximum storage temperature is 38°C.
 - Refer to the (MSDS) for the most current data.
- Remarks**
- For Medical and Transportation Emergencies, please see the MSDS.

| | |
|---------------------|----------------------|
| Color | Clear, yellow |
| Form | Liquid |
| Odor | Slight ammonia smell |
| Density a 25°C | 1,36 |
| pH (neat) | 10,5 |
| Solubility in water | Complete |

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|----------------------------------|------|--------------|----------------|--|
| EA103 | PERMATREAT PC -191T - DRUM 25 KG | 35 | 191 | | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| NSF60 | | Commercial, Industrial |



WATER TREATMENT COMPONENTS



MWG vessels,
accessories,
rotary pumps



Vessel for Residential Elements



1,8" - 2"

- material PP white; connections $\frac{1}{2}$ " NPT F; max pressure 125 psi (8,6 bar);
- double o-ring; permeate tube seat diameter = 0,67"; nominal dimension 1812 - 2012.

Membranes coupling: CSM 1,8" - 2" residential membranes,

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------------|------------------------------|-------------|---------------|----------------|----------------|
| DE010 | MEMBRANE VESSEL 1812 IN P.P. | 30 | 175 | • | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
| | | | | | |
| Certificates | Manufacturer | Sectors | | | |
| DM174-2004 | | Domestic | | | |

Single mounting clips for vessel residential 1,8" - 2" membranes

- material PP; white colour.



| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------------|------------------|----------|--------------|----------------|--|
| DE034 | SINGLE CLIP 2.5" | 30 | 175 | • | |
| Certificates | Manufacturer | Sectors | | | |
| | MWG | Domestic | | | |

2,8" - 3"

- material PP white; connections: feed, permeate and concentrate $\frac{3}{4}$ " NPT F (please, use our fittings ref. AV153 or elbows ref. AV159);
- max pressure 125 psi (8,6 bar); permeate tube seat diameter = 0,67"; nominal dimension 2812 - 3012.

Membranes coupling: CSM 2,8" residential membranes.



| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------------|------------------------------|-------------|---------------|----------------|----------------|
| DE007 | MEMBRANE VESSEL 3012 IN P.P. | 30 | 175 | • | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
| | | | | | |
| Certificates | Manufacturer | Sectors | | | |
| DM174-2004 | | Domestic | | | |

Single mounting clips for vessel residential 3" membranes

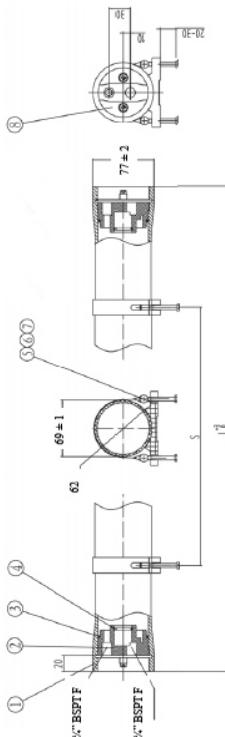
- material PP; white colour.



| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------------|----------------|----------|--------------|----------------|--|
| DE006 | SINGLE CLIP 3" | 30 | 175 | • | |
| Certificates | Manufacturer | Sectors | | | |
| | MWG | Domestic | | | |



2 1/2" Membrane Vessels End Port Series 300 E-2.5



- Fiberglass reinforced plastic pressure vessels series 300 E-2.5, D.75" direct connection, white painted, UVA-ray proof material;
- End-cap in ABS;
- Max operating pressure 300 psi (21 bar);
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Built in accordance with ASME code section X;
- Each vessel is factory tested at 1.5 times max operating pressure;
- Connections: feed/concentrate 1/4" BSPT F, permeate 1/4" BSPT F;
- Straps and saddles included.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| H2E1BQ | RO VESSEL FRP 2,5" END-PORT 300 PSI 2514 1/4" BSPT F - 1/4" BSPT F | 30 | 180 | • | |
| H2E1BV | RO VESSEL FRP 2,5" END-PORT 300 PSI 2521 1/4" BSPT F - 1/4" BSPT F | 30 | 180 | • | |
| H2E1B1 | RO VESSEL FRP 2,5" END-PORT 300 PSI 2540 1/4" BSPT F - 1/4" BSPT F | 30 | 180 | • | |

| Ref | Elements | L (mm) | S (mm) |
|--------|----------|--------|--------|
| H2E1BQ | 1 x 14" | 427 | 200 |
| H2E1BV | 1 x 21" | 605 | 400 |
| H2E1B1 | 1 x 40" | 1088 | 700 |

| Ref | Box: WxLxH. | Box: Qnt. | Box: Weight. | Pallet: WxLxH. | Pallet: Qnt. | Pallet: Weight. |
|--------|-------------|-----------|--------------|----------------|--------------|-----------------|
| H2E1BQ | | | | | | |
| H2E1BV | | | | | | |
| H2E1B1 | | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Commercial |

Spare parts

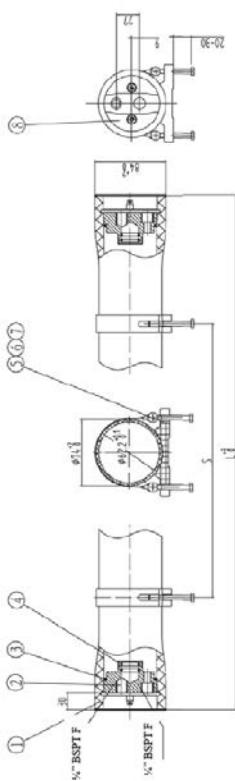
| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| H2R011 | 2,5" MPV END PLATE IN ABS F/C/P 1/4" BSPT FOR 300 PSI | 30 | 180 | • | |
| H2R103 | 2,5" MPV HEAD SEAL IN EPDM FOR 300÷1000 PSI | 30 | 180 | • | |
| H2R101 | 2,5" & 4" MPV ADAPTER SEAL IN EPDM FOR 300÷1200 PSI | 30 | 180 | • | |
| H2R001 | 2,5" MPV SADDLE FOR 300-1000 PSI | 30 | 180 | • | |
| H2R003 | 2,5" MPV STRAP FOR 300 PSI L=160 MM | 30 | 180 | • | |
| H2R041 | 2,5" MPV SEEGER IN AISI 316 FOR 300-1000 PSI | 30 | 180 | • | |

Spare parts

| Item | Ref | Q.ty | Material | Note |
|-------|--------|------|-------------------|-----------|
| 2 + 4 | H2R011 | 2 | ABS | |
| 3 | H2R103 | 2 | EPDM | 56 x 3,55 |
| 4 | H2R101 | 2 | EPDM | 19 x 2,65 |
| 5 | H2R001 | 2 | Rubber | |
| 7 + 6 | H2R003 | 2 | AISI 304 - Rubber | |
| 8 | H2R041 | 4 | AISI 304 | |



2 1/2" Membrane Vessels End Port Series 1000 E-2.5



- Fiberglass reinforced plastic pressure vessels series 1000 E-2.5, D.75" direct connection, white painted, UVA-ray proof material;
- End-cap in super duplex steel AISI 2507;
- Max operating pressure 1000 psi (69 bar);
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Built in accordance with ASME code section X;
- Each vessel is factory tested at 1,5 times max operating pressure;
- Connections: feed/concentrate 1/4" BSPT F, permeate 1/4" BSPT F;
- Straps and saddles included.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| H2E1GV | RO VESSEL FRP 2,5" END-PORT 1000 PSI 2521 1/4" BSPT F - 1/4" BSPT F | 30 | 180 | • | |
| H2E1G1 | RO VESSEL FRP 2,5" END-PORT 1000 PSI 2540 1/4" BSPT F - 1/4" BSPT F | 30 | 180 | • | |

| Ref | Elements | L (mm) | S (mm) |
|--------|----------|--------|--------|
| H2E1GV | 1 x 21" | 629 | 400 |
| H2E1G1 | 1 x 40" | 1112 | 700 |

| Ref | Box: WxLxH. | Box: Qnt. | Box: Weight. | Pallet: WxLxH. | Pallet: Qnt. | Pallet: Weight. |
|--------|-------------|-----------|--------------|----------------|--------------|-----------------|
| H2E1GV | | | | | | |
| H2E1G1 | | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Commercial |

Spare parts

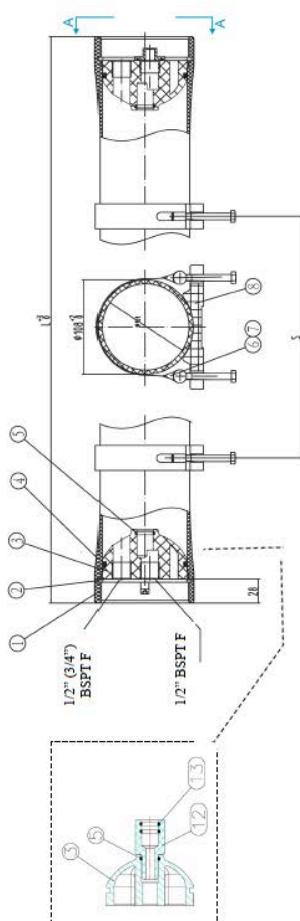
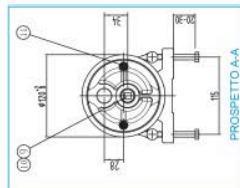
| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| H2R013 | 2,5" MPV END PLATE IN AISI 2507SST F/C/P 1/4" BSPT FOR 1000 PSI | 30 | 180 | • | |
| H2R103 | 2,5" MPV HEAD SEAL IN EPDM FOR 300÷1000 PSI | 30 | 180 | • | |
| H2R101 | 2,5" & 4" MPV ADAPTER SEAL IN EPDM FOR 300÷1200 PSI | 30 | 180 | • | |
| H2R001 | 2,5" MPV SADDLE FOR 300-1000 PSI | 30 | 180 | • | |
| H2R005 | 2,5" MPV STRAP FOR 1000 PSI L=170 MM | 30 | 180 | • | |
| H2R041 | 2,5" MPV SEEGER IN AISI 316 FOR 300-1000 PSI | 30 | 180 | • | |

Spare parts

| Item | Ref | Q.ty | Material | Note |
|-------|--------|------|------------------------------|-----------|
| 2 + 4 | H2R013 | 2 | Super Duplex Steel AISI 2507 | |
| 3 | H2R103 | 2 | EPDM | 56 x 3,55 |
| 4 | H2R101 | 4 | EPDM | 19 x 2,65 |
| 5 | H2R001 | 2 | Rubber | |
| 7 + 6 | H2R005 | 2 | AISI 304 - Rubber | |
| 8 | H2R041 | 4 | AISI 304 | |



4" Membrane Vessels End Port Series 300 E-4



- Fiberglass reinforced plastic pressure vessels series 300 E-4, D.75" direct connection, white painted, UVA-ray proof material;
- End-cap in ABS;
- Max operating pressure 300 psi (21 bar);
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Built in accordance with ASME code section X;
- Each vessel is factory tested at 1,5 times max operating pressure;
- Permeate connections $\frac{3}{8}$ " BSPT F;
- Straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 6 elements).

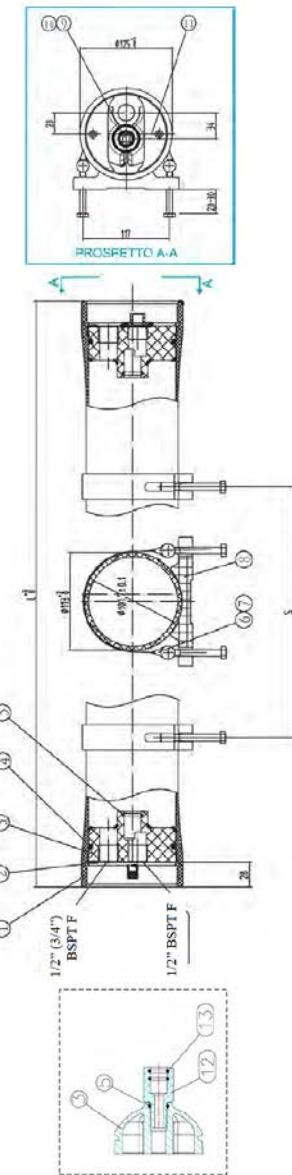
| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|-------------|----------------|--|
| H4E2BV | RO VESSEL FRP 4" END-PORT 300 PSI 4021 1/2" BSPT F - 1/2" BSPT F | 30 | 180 | • | |
| H4E3BV | RO VESSEL FRP 4" END-PORT 300 PSI 4021 3/4" BSPT F - 1/2" BSPT F | 30 | 180 | • | |
| H4E2B1 | RO VESSEL FRP 4" END-PORT 300 PSI 4040 1/2" BSPT F - 1/2" BSPT F | 30 | 180 | • | |
| H4E3B1 | RO VESSEL FRP 4" END-PORT 300 PSI 4040 3/4" BSPT F - 1/2" BSPT F | 30 | 180 | • | |
| H4E2B2 | RO VESSEL FRP 4" END-PORT 300 PSI 2EL 1/2" BSPT F - 1/2" BSPT F | 30 | 180 | • | |
| H4E3B2 | RO VESSEL FRP 4" END-PORT 300 PSI 2EL 3/4" BSPT F - 1/2" BSPT F | 30 | 180 | • | |
| H4E2B3 | RO VESSEL FRP 4" END-PORT 300 PSI 3EL 1/2" BSPT F - 1/2" BSPT F | 30 | 180 | • | |
| H4E3B3 | RO VESSEL FRP 4" END-PORT 300 PSI 3EL 3/4" BSPT F - 1/2" BSPT F | 30 | 180 | • | |
| H4E2B4 | RO VESSEL FRP 4" END-PORT 300 PSI 4EL 1/2" BSPT F - 1/2" BSPT F | 30 | 180 | | |
| H4E3B4 | RO VESSEL FRP 4" END-PORT 300 PSI 4EL 3/4" BSPT F - 1/2" BSPT F | 30 | 180 | | |
| H4E2B5 | RO VESSEL FRP 4" END-PORT 300 PSI 5EL 1/2" BSPT F - 1/2" BSPT F | 30 | 180 | | |
| H4E3B5 | RO VESSEL FRP 4" END-PORT 300 PSI 5EL 3/4" BSPT F - 1/2" BSPT F | 30 | 180 | | |
| H4E2B6 | RO VESSEL FRP 4" END-PORT 300 PSI 6EL 1/2" BSPT F - 1/2" BSPT F | 30 | 180 | | |
| H4E3B6 | RO VESSEL FRP 4" END-PORT 300 PSI 6EL 3/4" BSPT F - 1/2" BSPT F | 30 | 180 | | |

| Ref | Elements | L (mm) | S (mm) |
|--------|----------|--------|--------|
| H4E2BV | 1 x 21" | 658 | 400 |
| H4E3BV | 1 x 21" | 658 | 400 |
| H4E2B1 | 1 x 40" | 1140 | 600 |
| H4E3B1 | 1 x 40" | 1140 | 600 |
| H4E2B2 | 2 x 40" | 2156 | 1200 |
| H4E3B2 | 2 x 40" | 2156 | 1200 |
| H4E2B3 | 3 x 40" | 3172 | 2200 |
| H4E3B3 | 3 x 40" | 3172 | 2200 |
| H4E2B4 | 4 x 40" | 4268 | 1600x2 |
| H4E3B4 | 4 x 40" | 4268 | 1600x2 |
| H4E2B5 | 5 x 40" | 5284 | 2300x2 |
| H4E3B5 | 5 x 40" | 5284 | 2300x2 |
| H4E2B6 | 6 x 40" | 6300 | 2700x2 |
| H4E3B6 | 6 x 40" | 6300 | 2700x2 |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



4" Membrane Vessels End Port Series 450 E-4



- Fiberglass reinforced plastic pressure vessels series 450 E-4, D.75" direct connection, white painted, UVA-ray proof material;
- End-cap in ABS;
- Max operating pressure 450 psi (31 bar);
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Built in accordance with ASME code section X;
- Each vessel is factory tested at 1,5 times max operating pressure;
- Permeate connections $\frac{1}{2}$ " BSPT F;
- Straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 6 elements).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|-------------|----------------|--|
| H4E2CV | RO VESSEL FRP 4" END-PORT 450 PSI 4021 1/2" BSPT F - 1/2" BSPT F | 30 | 180 | • | |
| H4E2C1 | RO VESSEL FRP 4" END-PORT 450 PSI 4040 1/2" BSPT F - 1/2" BSPT F | 30 | 180 | • | |
| H4E3C1 | RO VESSEL FRP 4" END-PORT 450 PSI 4040 3/4" BSPT F - 1/2" BSPT F | 30 | 180 | • | |
| H4E2C2 | RO VESSEL FRP 4" END-PORT 450 PSI 2EL 1/2" BSPT F - 1/2" BSPT F | 30 | 180 | • | |
| H4E3C2 | RO VESSEL FRP 4" END-PORT 450 PSI 2EL 3/4" BSPT F - 1/2" BSPT F | 30 | 180 | • | |
| H4E2C3 | RO VESSEL FRP 4" END-PORT 450 PSI 3EL 1/2" BSPT F - 1/2" BSPT F | 30 | 180 | • | |
| H4E3C3 | RO VESSEL FRP 4" END-PORT 450 PSI 3EL 3/4" BSPT F - 1/2" BSPT F | 30 | 180 | • | |
| H4E2C4 | RO VESSEL FRP 4" END-PORT 450 PSI 4EL 1/2" BSPT F - 1/2" BSPT F | 30 | 180 | | |
| H4E3C4 | RO VESSEL FRP 4" END-PORT 450 PSI 4EL 3/4" BSPT F - 1/2" BSPT F | 30 | 180 | | |
| H4E2C5 | RO VESSEL FRP 4" END-PORT 450 PSI 5EL 1/2" BSPT F - 1/2" BSPT F | 30 | 180 | | |
| H4E3C5 | RO VESSEL FRP 4" END-PORT 450 PSI 5EL 3/4" BSPT F - 1/2" BSPT F | 30 | 180 | | |
| H4E2C6 | RO VESSEL FRP 4" END-PORT 450 PSI 6EL 1/2" BSPT F - 1/2" BSPT F | 30 | 180 | | |
| H4E3C6 | RO VESSEL FRP 4" END-PORT 450 PSI 6EL 3/4" BSPT F - 1/2" BSPT F | 30 | 180 | | |

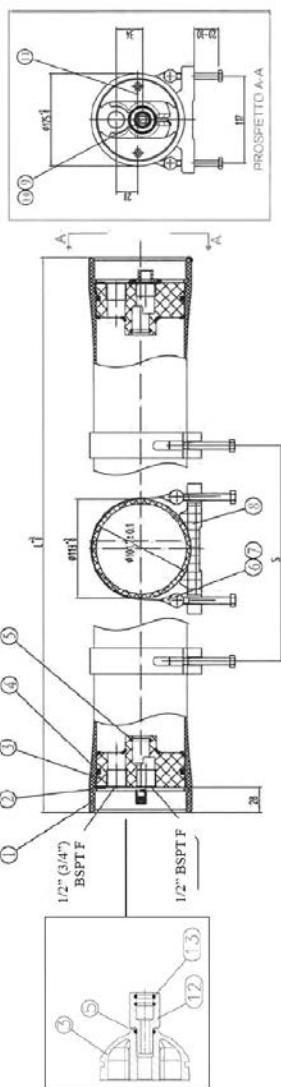
| Ref | Elements | L (mm) | S (mm) |
|--------|----------|--------|--------|
| H4E2CV | 1 x 21" | 670 | 400 |
| H4E2C1 | 1 x 40" | 1152 | 600 |
| H4E3C1 | 1 x 40" | 1152 | 600 |
| H4E2C2 | 2 x 40" | 2168 | 1200 |
| H4E3C2 | 2 x 40" | 2168 | 1200 |
| H4E2C3 | 3 x 40" | 3184 | 2200 |
| H4E3C3 | 3 x 40" | 3184 | 2200 |
| H4E2C4 | 4 x 40" | 4280 | 1600x2 |
| H4E3C4 | 4 x 40" | 4280 | 1600x2 |
| H4E2C5 | 5 x 40" | 5296 | 2300x2 |
| H4E3C5 | 5 x 40" | 5296 | 2300x2 |
| H4E2C6 | 6 x 40" | 6312 | 2700x2 |
| H4E3C6 | 6 x 40" | 6312 | 2700x2 |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



4" End Port Serie 300/450 PSI Vessels Spare Parts

Spare parts

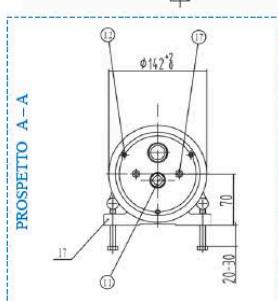
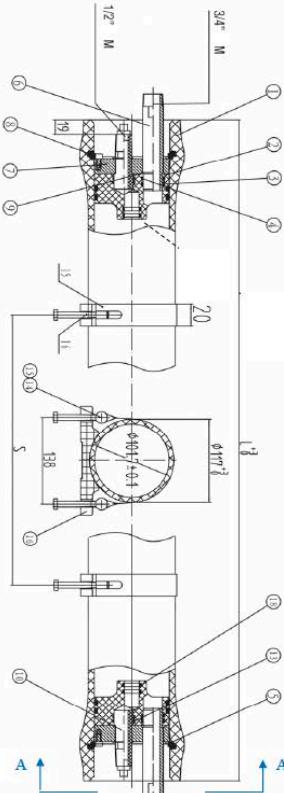


| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| H4R041 | 4" MPV SEEGER IN AISI 304 FOR 300-450 PSI | 30 | 180 | • | |
| H4R401 | 4" MPV END PLATE ABS- PP 1/2" BSPT + FCP 1/2" BSPT END PORT 300-450PSI | 30 | 180 | • | |
| H4R403 | 4" MPV END PLATE ABS- PP 1/2" BSPT + FCP 3/4" BSPT END PORT 300-450PSI | 30 | 180 | • | |
| H4R107 | 4" MPV HEAD SEAL IN EPDM FOR 300÷1200 PSI | 30 | 180 | • | |
| H2R101 | 2,5" & 4" MPV ADAPTER SEAL IN EPDM FOR 300÷1200 PSI | 30 | 180 | • | |
| H4R003 | 4" MPV STRAP FOR 300-450 PSI L=265 MM | 30 | 180 | • | |
| H4R001 | 4" MPV SADDLE FOR 300-1200 PSI | 30 | 180 | • | |
| H4R081 | 4" MPV PLUG IN ABS FOR 300-450 PSI | 30 | 180 | • | |
| H4R101 | 4" MPV O-RING IN EPDM OF PLUG 300-450 PSI | 30 | 180 | • | |
| H4R209 | 4" MPV SEEGER SCREW M6x14 IN AISI 304 | 30 | 180 | • | |
| H4R601 | 4" MPV ADAPTER IN ABS FOR END/SIDE P 300-450 PSI + 600-1000-1200 END P | 30 | 180 | • | |
| H2R101 | 2,5" & 4" MPV ADAPTER SEAL IN EPDM FOR 300÷1200 PSI | 30 | 180 | • | |

| Item | Ref | Q.ty | Material | Note |
|---------|--------|------|-------------------|-------------|
| 2 | H4R041 | 4 | AISI 304 | |
| 3 + 5 | H4R401 | 2 | ABS | 1/2" 1/2" |
| 3 + 5 | H4R403 | 2 | ABS | 3/4" 3/4" |
| 4 | H4R107 | 2 | EPDM | 90 x 5,3 |
| 5 | H2R101 | 2 | EPDM | 19 x 2,65 |
| 6 + 7 | H4R003 | 2-3 | AISI 304 - Rubber | |
| 8 | H4R001 | 2-3 | Rubber | |
| 9 | H4R081 | 1 | ABS | |
| 10 | H4R101 | 1 | EPDM | 23,6 x 3,55 |
| 11 | H4R209 | 4 | AISI 304 | M6 x 14 |
| 12 + 13 | H4R601 | 2 | ABS | |
| 13 | H2R101 | 4 | EPDM | 19 x 2,65 |



4" Membrane Vessels End Port Series 600 E-4



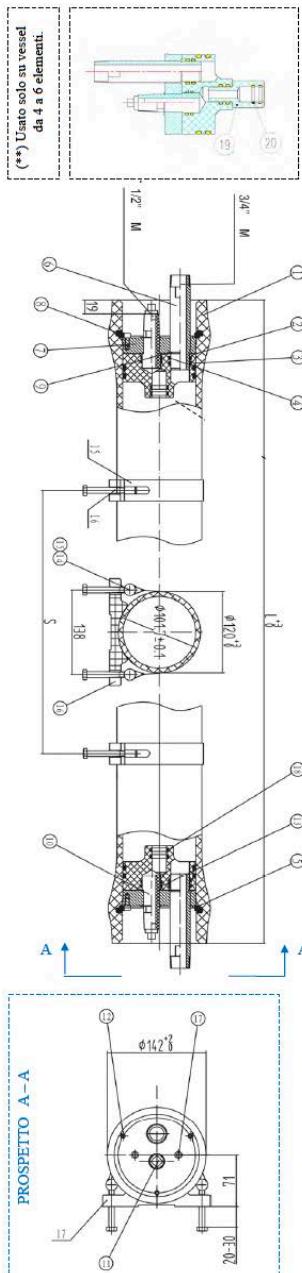
- Fiberglass reinforced plastic pressure vessels series 600 E-4, complete with 0,75" adapters, white painted, UVA-ray proof material;
- Max operating pressure 600 psi (41 bar);
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Built in accordance with ASME code section X;
- Each vessel is factory tested at 1,5 times max operating pressure;
- Feed/concentrate connections 3/4" BSPT M, in super duplex steel AISI 2507;
- Permeate connections 1/2" BSPT M;
- Straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 6 elements).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| H4E4DV | RO VESSEL FRP 4" END-PORT 600 PSI 4021 3/4" BSPT M - 1/2" BSPT M | 30 | 180 | • | |
| H4E4D1 | RO VESSEL FRP 4" END-PORT 600 PSI 4040 3/4" BSPT M - 1/2" BSPT M | 30 | 180 | • | |
| H4E4D2 | RO VESSEL FRP 4" END-PORT 600 PSI 2EL 3/4" BSPT M - 1/2" BSPT M | 30 | 180 | | |
| H4E4D3 | RO VESSEL FRP 4" END-PORT 600 PSI 3EL 3/4" BSPT M - 1/2" BSPT M | 30 | 180 | | |
| H4E4D4 | RO VESSEL FRP 4" END-PORT 600 PSI 4EL 3/4" BSPT M - 1/2" BSPT M | 30 | 180 | | |

| Ref | Elements | L (mm) | S (mm) |
|--------|----------|--------|----------|
| H4E4DV | 1 x 21" | 762 | 400 |
| H4E4D1 | 1 x 40" | 1244 | 600 |
| H4E4D2 | 2 x 40" | 2260 | 1200 |
| H4E4D3 | 3 x 40" | 3276 | 2200 |
| H4E4D4 | 4 x 40" | 4372 | 1600 x 2 |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |

4" Membrane Vessels End Port Series 1000 E-4



- Fiberglass reinforced plastic pressure vessels series 1000 E-4, complete with 0,75" adapters, white painted, UVA-ray proof material;
 - Max operating pressure 1000 psi (69 bar);
 - European 2014/68/EU Directive compliant for pressure equipment (PED);
 - Built in accordance with ASME code section X;
 - Each vessel is factory tested at 1,5 times max operating pressure;
 - Feed/concentrate connections $\frac{3}{4}$ " BSPT M, in super duplex steel AISI 2507;
 - Permeate connections $\frac{1}{2}$ " BSPT M;
 - Straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 6 elements).

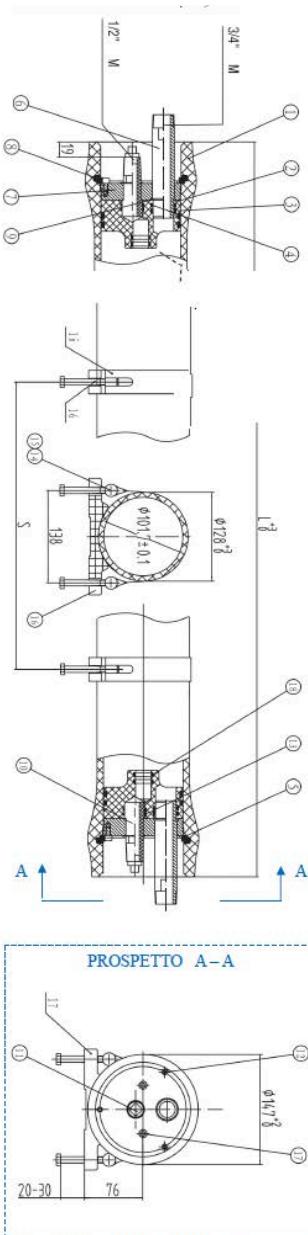
| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| H4E4GV | RO VESSEL FRP 4" END-PORT 1000 PSI 4021 3/4" BSPT M - 1/2" BSPT M | 30 | 180 | • | |
| H4E4G1 | RO VESSEL FRP 4" END-PORT 1000 PSI 4040 3/4" BSPT M - 1/2" BSPT M | 30 | 180 | • | |
| H4E4G2 | RO VESSEL FRP 4" END-PORT 1000 PSI 2EL 3/4" BSPT M - 1/2" BSPT M | 30 | 180 | • | |
| H4E4G3 | RO VESSEL FRP 4" END-PORT 1000 PSI 3EL 3/4" BSPT M - 1/2" BSPT M | 30 | 180 | • | |
| H4E4G4 | RO VESSEL FRP 4" END-PORT 1000 PSI 4EL 3/4" BSPT M - 1/2" BSPT M | 30 | 180 | | |
| H4E4G5 | RO VESSEL FRP 4" END-PORT 1000 PSI 5EL 3/4" BSPT M - 1/2" BSPT M | 30 | 180 | | |
| H4E4G6 | RO VESSEL FRP 4" END-PORT 1000 PSI 6EL 3/4" BSPT M - 1/2" BSPT M | 30 | 180 | | |

| Ref | Elements | L (mm) | S (mm) |
|--------|----------|--------|----------|
| H4E4GV | 1 x 21" | 762 | 400 |
| H4E4G1 | 1 x 40" | 1244 | 600 |
| H4E4G2 | 2 x 40" | 2260 | 1200 |
| H4E4G3 | 3 x 40" | 3276 | 2200 |
| H4E4G4 | 4 x 40" | 4372 | 1600 x 2 |
| H4E4G5 | 5 x 40" | 5388 | 2300 x 2 |
| H4E4G6 | 6 x 40" | 6404 | 2700 x 2 |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



4" Membrane Vessels End Port Series 1200 E-4



- Fiberglass reinforced plastic pressure vessels series 1200 E-4, complete with 0,75" adapters, white painted, UVA-ray proof material;
- Max operating pressure 1200 psi (83 bar);
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Built in accordance with ASME code section X;
- Each vessel is factory tested at 1,5 times max operating pressure;
- Feed/concentrate connections 3/4" BSPT M, in super duplex steel AISI 2507;
- Permeate connections 1/2" BSPT M;
- Straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 6 elements).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| H4E4H1 | RO VESSEL FRP 4" END-PORT 1200 PSI 4040 3/4" BSPT M - 1/2" BSPT M | 30 | 180 | • | |
| H4E4H2 | RO VESSEL FRP 4" END-PORT 1200 PSI 2EL 3/4" BSPT M - 1/2" BSPT M | 30 | 180 | • | |
| H4E4H3 | RO VESSEL FRP 4" END-PORT 1200 PSI 3EL 3/4" BSPT M - 1/2" BSPT M | 30 | 180 | • | |
| H4E4H4 | RO VESSEL FRP 4" END-PORT 1200 PSI 4EL 3/4" BSPT M - 1/2" BSPT M | 30 | 180 | | |
| H4E4H5 | RO VESSEL FRP 4" END-PORT 1200 PSI 5EL 3/4" BSPT M - 1/2" BSPT M | 30 | 180 | | |
| H4E4H6 | RO VESSEL FRP 4" END-PORT 1200 PSI 6EL 3/4" BSPT M - 1/2" BSPT M | 30 | 180 | | |

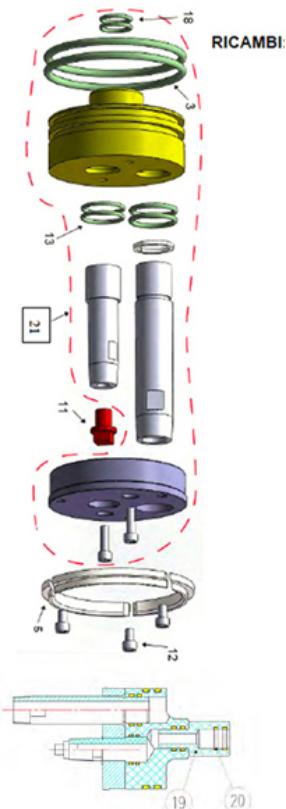
| Ref | Elements | L (mm) | S (mm) |
|--------|----------|--------|----------|
| H4E4H1 | 1 x 40" | 1244 | 600 |
| H4E4H2 | 2 x 40" | 2260 | 1200 |
| H4E4H3 | 3 x 40" | 3276 | 2200 |
| H4E4H4 | 4 x 40" | 4372 | 1600 x 2 |
| H4E4H5 | 5 x 40" | 5388 | 2300 x 2 |
| H4E4H6 | 6 x 40" | 6404 | 2700 x 2 |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



4" End Port Serie 600/1000/1200 psi Vessel spare parts

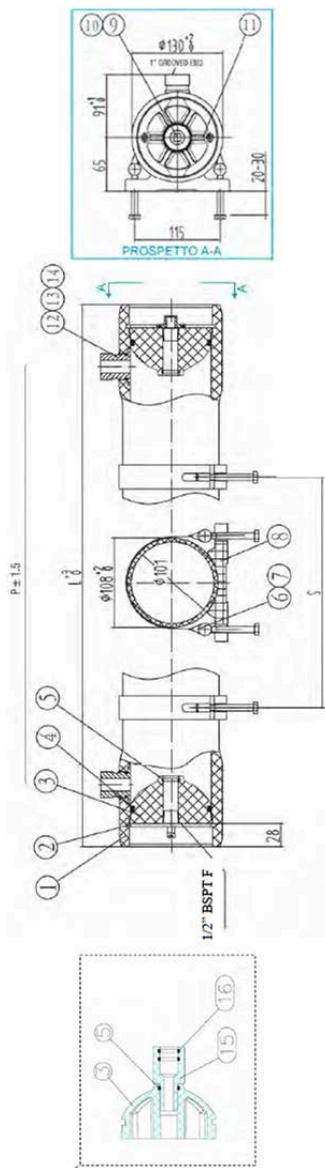
Spare parts



| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------|--|------|--------------|----------------|--|
| H4R107 | 4" MPV HEAD SEAL IN EPDM FOR 300÷1200 PSI | 30 | 180 | • | |
| H4R045 | 4" MPV LOCKING KIT SEGMENT (3PCS) IN AISI 316 FOR 600-1200 PSI | 30 | 180 | • | |
| H4R083 | 4" MPV PLUG IN ABS FOR 600-1200 PSI | 30 | 180 | • | |
| H4R205 | 4" MPV SECURING SCREW IN ISI 304 FOR 600-1200 PSI | 30 | 180 | • | |
| H4R111 | 4" MPV PERMEATE PORT O-RING IN EPDM | 30 | 180 | • | |
| H4R005 | 4" MPV STRAP FOR 600-1000 PSI L=280 MM | 30 | 180 | • | |
| H4R001 | 4" MPV SADDLE FOR 300-1200 PSI | 30 | 180 | • | |
| H2R101 | 2,5" & 4" MPV ADAPTER SEAL IN EPDM FOR 300÷1200 PSI | 30 | 180 | • | |
| H4R601 | 4" MPV ADAPTER IN ABS FOR END/SIDE P 300-450 PSI + 600-1000-1200 END P | 30 | 180 | • | |
| H2R101 | 2,5" & 4" MPV ADAPTER SEAL IN EPDM FOR 300÷1200 PSI | 30 | 180 | • | |
| H4R707 | 4" MPV HEAD ASSEMBLY END PORT 600-1000-1200 PSI | 30 | 180 | • | |

| Item | Ref | Q.ty | Material | Note |
|---------|--------|------|-------------------|-----------|
| 3 | H4R107 | 4 | EPDM | 90 x 5,3 |
| 5 | H4R045 | 2 | AISI 316 | |
| 11 | H4R083 | 1 | ABS | |
| 12 | H4R205 | 6 | AISI 304 | M6 x 20 |
| 13 | H4R111 | 4 | EPDM | 25 x 2,65 |
| 14 + 15 | H4R005 | 2-3 | AISI 304 - Rubber | |
| 16 | H4R001 | 2-3 | Rubber | |
| 18 | H2R101 | 4 | EPDM | 19 x 2,65 |
| 19 + 20 | H4R601 | 2 | ABS | |
| 20 | H2R101 | 4 | EPDM | 19 x 2,65 |
| 21 | H4R707 | 2 | | |

4" Membrane Vessels Side Port Series 300 S-4



- Fiberglass reinforced plastic pressure vessels series 300 S-4, D.75" direct connection, white painted, UVA-ray proof material;
 - Max operating pressure 300 psi (21 bar);
 - European 2014/68/EU Directive compliant for pressure equipment (PED);
 - Built in accordance with ASME code section X;
 - Each vessel is factory tested at 1.5 times max operating pressure;
 - Feed/concentrate connections 1" Victaulic, 0° or 180° oriented;
 - Permeate connections $\frac{1}{2}$ " BSPT F;
 - Straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 6 elements).

| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|--------|--|------|----------|-------------|
| H410B1 | RO VESSEL FRP 4" SIDE-PORT 300 PSI 4040 1C5C - 1/2" BSPT F | 30 | 180 | |
| H410B2 | RO VESSEL FRP 4" SIDE-PORT 300 PSI 2EL 1C5C - 1/2" BSPT F | 30 | 180 | |
| H410B3 | RO VESSEL FRP 4" SIDE-PORT 300 PSI 3EL 1C5C - 1/2" BSPT F | 30 | 180 | |
| H410B4 | RO VESSEL FRP 4" SIDE-PORT 300 PSI 4EL 1C5C - 1/2" BSPT F | 30 | 180 | |
| H410B5 | RO VESSEL FRP 4" SIDE-PORT 300 PSI 5EL 1C5C - 1/2" BSPT F | 30 | 180 | |
| H410B6 | RO VESSEL FRP 4" SIDE-PORT 300 PSI 6EL 1C5C - 1/2" BSPT F | 30 | 180 | |
| H412B1 | RO VESSEL FRP 4" SIDE-PORT 300 PSI 4040 1C7C - 1/2" BSPT F | 30 | 180 | |
| H412B2 | RO VESSEL FRP 4" SIDE-PORT 300 PSI 2EL 1C7C - 1/2" BSPT F | 30 | 180 | |
| H412B3 | RO VESSEL FRP 4" SIDE-PORT 300 PSI 3EL 1C7C - 1/2" BSPT F | 30 | 180 | |
| H412B4 | RO VESSEL FRP 4" SIDE-PORT 300 PSI 4EL 1C7C - 1/2" BSPT F | 30 | 180 | |
| H412B5 | RO VESSEL FRP 4" SIDE-PORT 300 PSI 5EL 1C7C - 1/2" BSPT F | 30 | 180 | |
| H412B6 | RO VESSEL FRP 4" SIDE-PORT 300 PSI 6EL 1C7C - 1/2" BSPT F | 30 | 180 | |

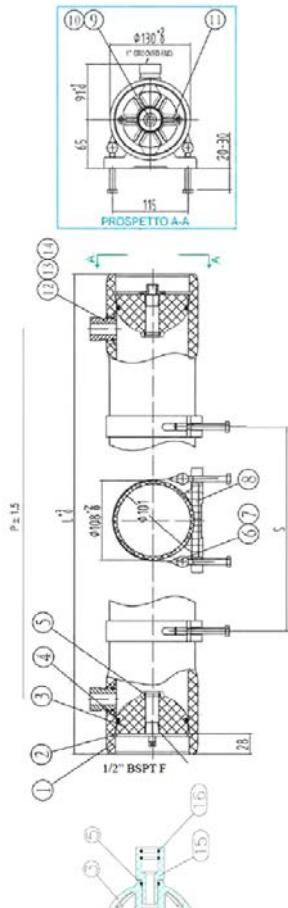
| Ref | Elements | L (mm) | P (mm) | S (mm) | Orient. |
|--------|----------|--------|--------|----------|---------|
| H410B1 | 1 x 40" | 1140 | 984 | 600 | 0° |
| H410B2 | 2 x 40" | 2156 | 2000 | 1200 | 0° |
| H410B3 | 3 x 40" | 3172 | 3016 | 2200 | 0° |
| H410B4 | 4 x 40" | 4268 | 4112 | 1600 x 2 | 0° |
| H410B5 | 5 x 40" | 5284 | 5128 | 2300 x 2 | 0° |
| H410B6 | 6 x 40" | 6300 | 6144 | 2700 x 2 | 0° |
| H412B1 | 1 x 40" | 1140 | 984 | 600 | 180° |
| H412B2 | 2 x 40" | 2156 | 2000 | 1200 | 180° |
| H412B3 | 3 x 40" | 3172 | 3016 | 2200 | 180° |
| H412B4 | 4 x 40" | 4268 | 4112 | 1600 x 2 | 180° |
| H412B5 | 5 x 40" | 5284 | 5128 | 2300 x 2 | 180° |
| H412B6 | 6 x 40" | 6300 | 6144 | 2700 x 2 | 180° |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



4" Membrane Vessels Side Port Series 300 S-4

Spare parts



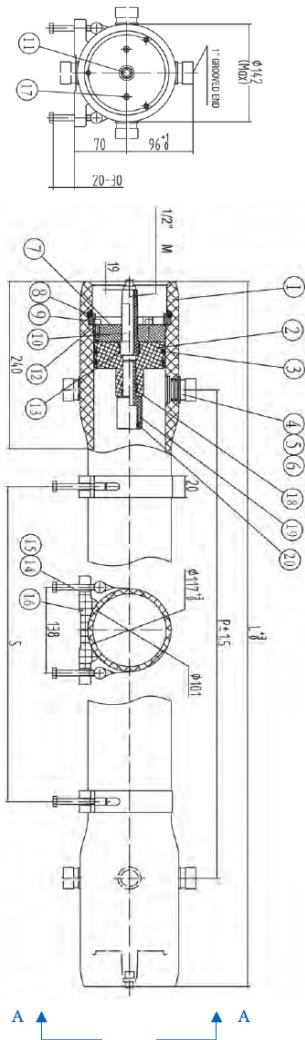
| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------|---|------|--------------|----------------|--|
| H4R041 | 4" MPV SEEGER IN AISI 304 FOR 300-450 PSI | 30 | 180 | • | |
| H4R405 | 4" MPV END PLATE ABS WITH FOR MEATE PORT 1/2"BSPT FOR SIDE PORT 300 PSI | 30 | 180 | • | |
| H4R107 | 4" MPV HEAD SEAL IN EPDM FOR 300÷1200 PSI | 30 | 180 | • | |
| H2R101 | 2,5" & 4" MPV ADAPTER SEAL IN EPDM FOR 300÷1200 PSI | 30 | 180 | • | |
| H4R003 | 4" MPV STRAP FOR 300-450 PSI L=265 MM | 30 | 180 | • | |
| H4R001 | 4" MPV SADDLE FOR 300-1200 PSI | 30 | 180 | • | |
| H4R081 | 4" MPV PLUG IN ABS FOR 300-450 PSI | 30 | 180 | • | |
| H4R101 | 4" MPV O-RING IN EPDM OF PLUG 300-450 PSI | 30 | 180 | • | |
| H4R209 | 4" MPV SEEGER SCREW M6x14 IN AISI 304 | 30 | 180 | • | |
| H4R601 | 4" MPV ADAPTER IN ABS FOR END/SIDE P 300-450 PSI + 600-1000-1200 END P | 30 | 180 | • | |
| H2R101 | 2,5" & 4" MPV ADAPTER SEAL IN EPDM FOR 300÷1200 PSI | 30 | 180 | • | |

| Item | Ref | Q.ty | Material | Note |
|---------|--------|------|-------------------|-------------|
| 2 | H4R041 | 4 | AISI 31 | |
| 3 + 5 | H4R405 | 2 | ABS | |
| 4 | H4R107 | 2 | EPDM | 90 x 5,3 |
| 5 | H2R101 | 2 | EPDM | 19 x 2,65 |
| 6 + 7 | H4R003 | 2-3 | AISI 304 - Rubber | |
| 8 | H4R001 | 2-3 | Rubber | |
| 9 | H4R081 | 1 | ABS | |
| 10 | H4R101 | 1 | EPDM | 23,6 x 3,55 |
| 11 | H4R209 | 4 | AISI 304 | M6 x 14 |
| 15 + 16 | H4R601 | 2 | ABS | |
| 16 | H2R101 | 4 | EPDM | 19 x 2,65 |



4" Membrane Vessels Side Port Series 600 S-4

PROSPETTO A-A



A ↑ A ↑

- Fiberglass reinforced plastic pressure vessels series 600 S-4, D.75" direct connection, white painted, UVA-ray proof material;
- Max operating pressure 600 psi (41 bar);
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Built in accordance with ASME code section X;
- Each vessel is factory tested at 1,5 times max operating pressure;
- Feed/conc. connections 1" Victaulic, 0° or 180° oriented, in super duplex steel AISI 2507;
- Permeate connections 1/2" BSPT M;
- Straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 6 elements).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| H410D1 | RO VESSEL FRP 4" SIDE-PORT 600 PSI 4040 1C5C - 1/2" BSPT M | 30 | 180 | | |
| H410D2 | RO VESSEL FRP 4" SIDE-PORT 600 PSI 2EL 1C5C - 1/2" BSPT M | 30 | 180 | | |
| H410D3 | RO VESSEL FRP 4" SIDE-PORT 600 PSI 3EL 1C5C - 1/2" BSPT M | 30 | 180 | | |
| H410D4 | RO VESSEL FRP 4" SIDE-PORT 600 PSI 4EL 1C5C - 1/2" BSPT M | 30 | 180 | | |
| H410D5 | RO VESSEL FRP 4" SIDE-PORT 600 PSI 5EL 1C5C - 1/2" BSPT M | 30 | 180 | | |
| H410D6 | RO VESSEL FRP 4" SIDE-PORT 600 PSI 6EL 1C5C - 1/2" BSPT M | 30 | 180 | | |
| H412D1 | RO VESSEL FRP 4" SIDE-PORT 600 PSI 4040 1C7C - 1/2" BSPT M | 30 | 180 | | |
| H412D2 | RO VESSEL FRP 4" SIDE-PORT 600 PSI 2EL 1C7C - 1/2" BSPT M | 30 | 180 | | |
| H412D3 | RO VESSEL FRP 4" SIDE-PORT 600 PSI 3EL 1C7C - 1/2" BSPT M | 30 | 180 | | |
| H412D4 | RO VESSEL FRP 4" SIDE-PORT 600 PSI 4EL 1C7C - 1/2" BSPT M | 30 | 180 | | |
| H412D5 | RO VESSEL FRP 4" SIDE-PORT 600 PSI 5EL 1C7C - 1/2" BSPT M | 30 | 180 | | |
| H412D6 | RO VESSEL FRP 4" SIDE-PORT 600 PSI 6EL 1C7C - 1/2" BSPT M | 30 | 180 | | |

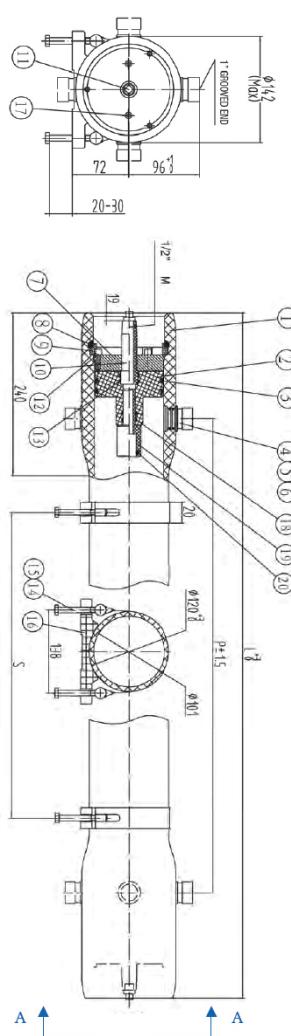
| Ref | Elements | L (mm) | P (mm) | S (mm) | Orient. |
|--------|----------|--------|--------|----------|---------|
| H410D1 | 1 x 40" | 1364 | 1036 | 600 | 0° |
| H410D2 | 2 x 40" | 2380 | 2052 | 1200 | 0° |
| H410D3 | 3 x 40" | 3396 | 3068 | 2200 | 0° |
| H410D4 | 4 x 40" | 4412 | 4084 | 1600 x 2 | 0° |
| H410D5 | 5 x 40" | 5428 | 5100 | 2300 x 2 | 0° |
| H410D6 | 6 x 40" | 6444 | 6116 | 2700 x 2 | 0° |
| H412D1 | 1 x 40" | 1364 | 1036 | 600 | 180° |
| H412D2 | 2 x 40" | 2380 | 2052 | 1200 | 180° |
| H412D3 | 3 x 40" | 3396 | 3068 | 2200 | 180° |
| H412D4 | 4 x 40" | 4412 | 4084 | 1600 x 2 | 180° |
| H412D5 | 5 x 40" | 5428 | 5100 | 2300 x 2 | 180° |
| H412D6 | 6 x 40" | 6444 | 6116 | 2700 x 2 | 180° |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



4" Membrane Vessels Side Port Series 1000 S-4

PROSPETTO A-A



- Fiberglass reinforced plastic pressure vessels series 1000 S-4, D.75" direct connection, white painted, UVA-ray proof material;
- Max operating pressure 1000 psi (69 bar); European 2014/68/EU Directive compliant for pressure equipment (PED);
- Built in accordance with ASME code section X;
- Each vessel is factory tested at 1,5 times max operating pressure;
- Feed/conc. connections 1" Victaulic, 0° or 180° oriented, in super duplex steel AISI 2507;
- Permeate connections 1/2" BSPT M;
- Straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 6 elements).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| H410G1 | RO VESSEL FRP 4" SIDE-PORT 1000 PSI 4040 1C5C - 1/2" BSPT M | 30 | 180 | | |
| H410G2 | RO VESSEL FRP 4" SIDE-PORT 1000 PSI 2EL 1C5C - 1/2" BSPT M | 30 | 180 | | |
| H410G3 | RO VESSEL FRP 4" SIDE-PORT 1000 PSI 3EL 1C5C - 1/2" BSPT M | 30 | 180 | | |
| H410G4 | RO VESSEL FRP 4" SIDE-PORT 1000 PSI 4EL 1C5C - 1/2" BSPT M | 30 | 180 | | |
| H410G5 | RO VESSEL FRP 4" SIDE-PORT 1000 PSI 5EL 1C5C - 1/2" BSPT M | 30 | 180 | | |
| H410G6 | RO VESSEL FRP 4" SIDE-PORT 1000 PSI 6EL 1C5C - 1/2" BSPT M | 30 | 180 | | |
| H412G1 | RO VESSEL FRP 4" SIDE-PORT 1000 PSI 4040 1C7C - 1/2" BSPT M | 30 | 180 | | |
| H412G2 | RO VESSEL FRP 4" SIDE-PORT 1000 PSI 2EL 1C7C - 1/2" BSPT M | 30 | 180 | | |
| H412G3 | RO VESSEL FRP 4" SIDE-PORT 1000 PSI 3EL 1C7C - 1/2" BSPT M | 30 | 180 | | |
| H412G4 | RO VESSEL FRP 4" SIDE-PORT 1000 PSI 4EL 1C7C - 1/2" BSPT M | 30 | 180 | | |
| H412G5 | RO VESSEL FRP 4" SIDE-PORT 1000 PSI 5EL 1C7C - 1/2" BSPT M | 30 | 180 | | |
| H412G6 | RO VESSEL FRP 4" SIDE-PORT 1000 PSI 6EL 1C7C - 1/2" BSPT M | 30 | 180 | | |

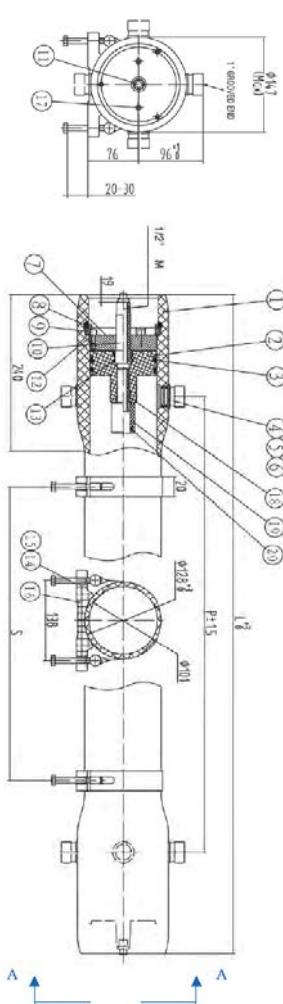
| Ref | Elements | L (mm) | P (mm) | S (mm) | Orient. |
|--------|----------|--------|--------|----------|---------|
| H410G1 | 1 x 40" | 1364 | 1036 | 600 | 0° |
| H410G2 | 2 x 40" | 2380 | 2052 | 1200 | 0° |
| H410G3 | 3 x 40" | 3396 | 3068 | 2200 | 0° |
| H410G4 | 4 x 40" | 4412 | 4084 | 1600 x 2 | 0° |
| H410G5 | 5 x 40" | 5428 | 5100 | 2300 x 2 | 0° |
| H410G6 | 6 x 40" | 6444 | 6116 | 2700 x 2 | 0° |
| H412G1 | 1 x 40" | 1364 | 1036 | 600 | 180° |
| H412G2 | 2 x 40" | 2380 | 2052 | 1200 | 180° |
| H412G3 | 3 x 40" | 3396 | 3068 | 2200 | 180° |
| H412G4 | 4 x 40" | 4412 | 4084 | 1600 x 2 | 180° |
| H412G5 | 5 x 40" | 5428 | 5100 | 2300 x 2 | 180° |
| H412G6 | 6 x 40" | 6444 | 6116 | 2700 x 2 | 180° |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



4" Membrane Vessels Side Port Series 1200 S-4

PROSPETTO A-A



- Fiberglass reinforced plastic pressure vessels series 1200 S-4, D.75" direct connection, white painted, UVA-ray proof material;
- Max operating pressure 1200 psi (83 bar);
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Built in accordance with ASME code section X;
- Each vessel is factory tested at 1,5 times max operating pressure;
- Feed/conc. connections 1" Victaulic, 0° or 180° oriented, in super duplex steel AISI 2507;
- Permeate connections 1/2" BSPT M;
- Straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 6 elements).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| H410H1 | RO VESSEL FRP 4" SIDE-PORT 1200 PSI 4040 1C5C - 1/2" BSPT M | 30 | 180 | | |
| H410H2 | RO VESSEL FRP 4" SIDE-PORT 1200 PSI 2EL 1C5C - 1/2" BSPT M | 30 | 180 | | |
| H410H3 | RO VESSEL FRP 4" SIDE-PORT 1200 PSI 3EL 1C5C - 1/2" BSPT M | 30 | 180 | | |
| H410H4 | RO VESSEL FRP 4" SIDE-PORT 1200 PSI 4EL 1C5C - 1/2" BSPT M | 30 | 180 | | |
| H410H5 | RO VESSEL FRP 4" SIDE-PORT 1200 PSI 5EL 1C5C - 1/2" BSPT M | 30 | 180 | | |
| H410H6 | RO VESSEL FRP 4" SIDE-PORT 1200 PSI 6EL 1C5C - 1/2" BSPT M | 30 | 180 | | |
| H412H1 | RO VESSEL FRP 4" SIDE-PORT 1200 PSI 4040 1C7C - 1/2" BSPT M | 30 | 180 | | |
| H412H2 | RO VESSEL FRP 4" SIDE-PORT 1200 PSI 2EL 1C7C - 1/2" BSPT M | 30 | 180 | | |
| H412H3 | RO VESSEL FRP 4" SIDE-PORT 1200 PSI 3EL 1C7C - 1/2" BSPT M | 30 | 180 | | |
| H412H4 | RO VESSEL FRP 4" SIDE-PORT 1200 PSI 4EL 1C7C - 1/2" BSPT M | 30 | 180 | | |
| H412H5 | RO VESSEL FRP 4" SIDE-PORT 1200 PSI 5EL 1C7C - 1/2" BSPT M | 30 | 180 | | |
| H412H6 | RO VESSEL FRP 4" SIDE-PORT 1200 PSI 6EL 1C7C - 1/2" BSPT M | 30 | 180 | | |

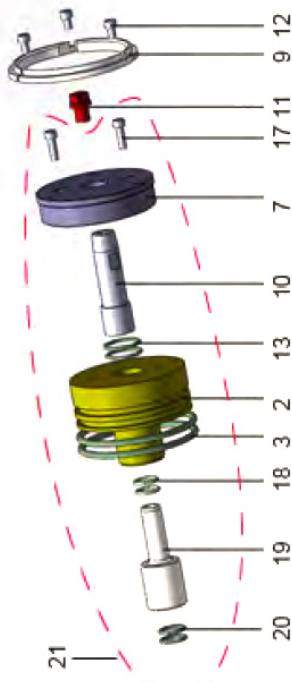
| Ref | Elements | L (mm) | P (mm) | S (mm) | Orient. |
|--------|----------|--------|--------|----------|---------|
| H410H1 | 1 x 40" | 1364 | 1036 | 600 | 0° |
| H410H2 | 2 x 40" | 2380 | 2052 | 1200 | 0° |
| H410H3 | 3 x 40" | 3396 | 3068 | 2200 | 0° |
| H410H4 | 4 x 40" | 4412 | 4084 | 1600 x 2 | 0° |
| H410H5 | 5 x 40" | 5428 | 5100 | 2300 x 2 | 0° |
| H410H6 | 6 x 40" | 6444 | 6116 | 2700 x 2 | 0° |
| H412H1 | 1 x 40" | 1364 | 1036 | 600 | 180° |
| H412H2 | 2 x 40" | 2380 | 2052 | 1200 | 180° |
| H412H3 | 3 x 40" | 3396 | 3068 | 2200 | 180° |
| H412H4 | 4 x 40" | 4412 | 4084 | 1600 x 2 | 180° |
| H412H5 | 5 x 40" | 5428 | 5100 | 2300 x 2 | 180° |
| H412H6 | 6 x 40" | 6444 | 6116 | 2700 x 2 | 180° |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



4" Side Port 600-1000-1200 Psi Vessel spare parts

Spare parts



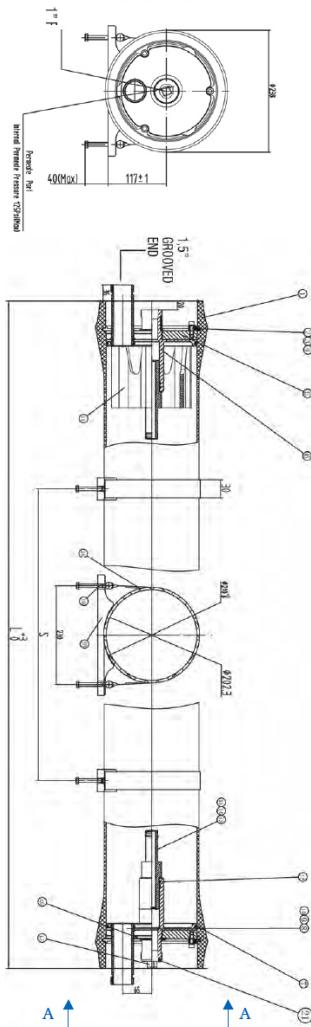
| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------|--|------|--------------|----------------|--|
| H4R107 | 4" MPV HEAD SEAL IN EPDM FOR 300÷1200 PSI | 30 | 180 | • | |
| H4R045 | 4" MPV LOCKING KIT SEGMENT (3PCS) IN AISI 316 FOR 600-1200 PSI | 30 | 180 | • | |
| H4R083 | 4" MPV PLUG IN ABS FOR 600-1200 PSI | 30 | 180 | • | |
| H4R205 | 4" MPV SECURING SCREW IN ISI 304 FOR 600-1200 PSI | 30 | 180 | • | |
| H4R111 | 4" MPV PERMEATE PORT O-RING IN EPDM | 30 | 180 | • | |
| H4R005 | 4" MPV STRAP FOR 600-1000 PSI L=280 MM | 30 | 180 | • | |
| H4R001 | 4" MPV SADDLE FOR 300-1200 PSI | 30 | 180 | • | |
| H4R113 | 4" MPV O-RING OF SEALING PLATE | 30 | 180 | • | |
| H4R603 | 4" MPV ADAPTER IN ABS FOR SIDE PORT 600-1000-1200 PSI | 30 | 180 | • | |
| H2R101 | 2,5" & 4" MPV ADAPTER SEAL IN EPDM FOR 300÷1200 PSI | 30 | 180 | • | |
| H4R717 | 4" MPV HEAD ASSEMBLY SIDE PORT 600-1000-1200 PSI | 30 | 180 | • | |

| Item | Ref | Q.ty | Material | Note |
|------------|--------|-------|-------------------|-----------|
| 3 | H4R107 | 4 | EPDM | 90 x 5,3 |
| 9 | H4R045 | 2 | AISI 316 | |
| 11 | H4R083 | 1 | ABS | |
| 12 | H4R205 | 6 | AISI 304 | M6 x 20 |
| 13 | H4R111 | 4 | EPDM | 25 x 2,65 |
| Non Visual | H4R005 | 2 - 3 | AISI 304 - Rubber | |
| Non Visual | H4R001 | 2 - 3 | Rubber | |
| 18 | H4R113 | 4 | EPDM | 17 x 2,65 |
| 19 + 20 | H4R603 | 2 | ABS | |
| 20 | H2R101 | 4 | EPDM | 19 x 2,65 |
| 21 | H4R717 | 2 | | |



8" Membrane Vessels End Port Series 300 E-8

PROSPETTO A-A



- Fiberglass reinforced plastic pressure vessels series 300 E-8, white painted, UVA-ray proof material;
- Max operating pressure 300 psi (21 bar);
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Built in accordance with ASME code section X;
- Each vessel is factory tested at 1,5 times max operating pressure;
- Feed/concentrate connections 1 ½" Victaulic in AISI 316;
- Permeate connections 1" BSPT F;
- Straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 7 elements);
- 1,125" membrane adapters included.

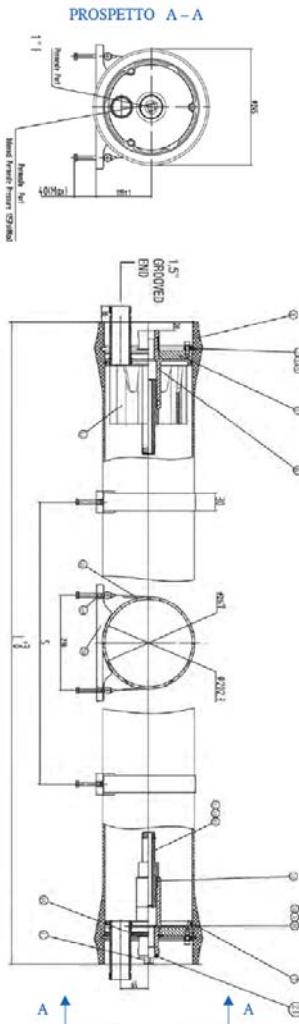
| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| H8E5B1 | RO VESSEL FRP 8" END-PORT 300 PSI 1EL 1,5" VICT. - 1" BSPT F | 35 | 180 | • | |
| H8E5B2 | RO VESSEL FRP 8" END-PORT 300 PSI 2EL 1,5" VICT. - 1" BSPT F | 35 | 180 | • | |
| H8E5B3 | RO VESSEL FRP 8" END-PORT 300 PSI 3EL 1,5" VICT. - 1" BSPT F | 35 | 180 | • | |
| H8E5B4 | RO VESSEL FRP 8" END-PORT 300 PSI 4EL 1,5" VICT. - 1" BSPT F | 35 | 180 | • | |
| H8E5B5 | RO VESSEL FRP 8" END-PORT 300 PSI 5EL 1,5" VICT. - 1" BSPT F | 35 | 180 | • | |
| H8E5B6 | RO VESSEL FRP 8" END-PORT 300 PSI 6EL 1,5" VICT. - 1" BSPT F | 35 | 180 | • | |
| H8E5B7 | RO VESSEL FRP 8" END-PORT 300 PSI 7EL 1,5" VICT. - 1" BSPT F | 35 | 180 | | |

| Ref | Elements | L (mm) | S (mm) |
|--------|----------|--------|----------|
| H8E5B1 | 1 x 40" | 1498 | 700 |
| H8E5B2 | 2 x 40" | 2514 | 1460 |
| H8E5B3 | 3 x 40" | 3530 | 2080 |
| H8E5B4 | 4 x 40" | 4546 | 1600 x 2 |
| H8E5B5 | 5 x 40" | 5562 | 2000 x 2 |
| H8E5B6 | 6 x 40" | 6578 | 2360 x 2 |
| H8E5B7 | 7 x 40" | 7594 | 2860 x 2 |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



8" Membrane Vessels End Port Series 450 E-8



- Fiberglass reinforced plastic pressure vessels series 450 E-8, white painted, UVA-ray proof material;
- Max operating pressure 450 psi (31 bar);
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Built in accordance with ASME code section X;
- Each vessel is factory tested at 1,5 times max operating pressure;
- Feed/concentrate connections 1 ½" Victaulic in AISI 316;
- Permeate connections 1" BSPT F;
- Straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 7 elements);
- 1,125" membrane adapters included.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| H8E5C1 | RO VESSEL FRP 8" END-PORT 450 PSI 1EL 1,5" VICT. - 1" BSPT F | 35 | 180 | • | |
| H8E5C2 | RO VESSEL FRP 8" END-PORT 450 PSI 2EL 1,5" VICT. - 1" BSPT F | 35 | 180 | • | |
| H8E5C3 | RO VESSEL FRP 8" END-PORT 450 PSI 3EL 1,5" VICT. - 1" BSPT F | 35 | 180 | • | |
| H8E5C4 | RO VESSEL FRP 8" END-PORT 450 PSI 4EL 1,5" VICT. - 1" BSPT F | 35 | 180 | | |
| H8E5C5 | RO VESSEL FRP 8" END-PORT 450 PSI 5EL 1,5" VICT. - 1" BSPT F | 35 | 180 | | |
| H8E5C6 | RO VESSEL FRP 8" END-PORT 450 PSI 6EL 1,5" VICT. - 1" BSPT F | 35 | 180 | | |
| H8E5C7 | RO VESSEL FRP 8" END-PORT 450 PSI 7EL 1,5" VICT. - 1" BSPT F | 35 | 180 | | |

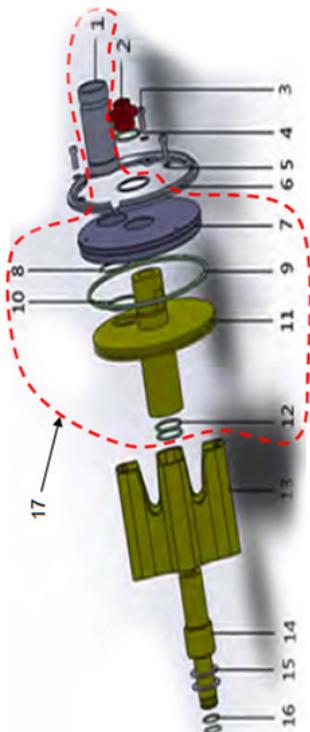
| Ref | Elements | L (mm) | S (mm) |
|--------|----------|--------|----------|
| H8E5C1 | 1 x 40" | 1498 | 700 |
| H8E5C2 | 2 x 40" | 2514 | 1460 |
| H8E5C3 | 3 x 40" | 3530 | 2080 |
| H8E5C4 | 4 x 40" | 4546 | 1600 x 2 |
| H8E5C5 | 5 x 40" | 5562 | 2000 x 2 |
| H8E5C6 | 6 x 40" | 6578 | 2360 x 2 |
| H8E5C7 | 7 x 40" | 7594 | 2860 x 2 |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



8" End Port 300-450 Psi Vessels Spare Parts

Spare Parts

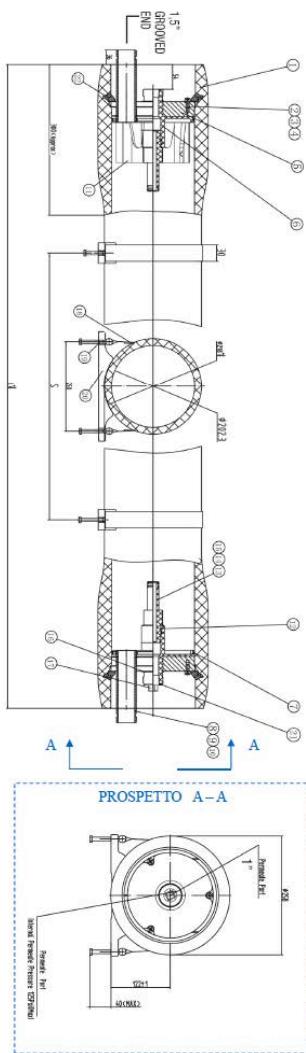


| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| H8R081 | 8" MPV PLUG IN ABS FOR 300-1200 PSI | 35 | 180 | • | |
| H8R203 | 8" MPV LOCKING SEGMENT SCREW IN AISI 304 | 35 | 180 | • | |
| H8R081 | 8" MPV PLUG IN ABS FOR 300-1200 PSI | 35 | 180 | • | |
| H8R031 | 8" MPV SPRING PAD IN AISI 304 FOR LOCKING SEGMENT SCREW | 35 | 180 | • | |
| H8R041 | 8" MPV LOCKING SEGMENT IN AISI 304 FOR 300-450 PSI | 35 | 180 | • | |
| H8R108 | 187x7 O-RING (NEW STYLE 2020) IN EPDM FOR ALL MWG 8" MPV | 35 | 180 | • | |
| H8R107 | 190x5.3 X-RING (OLD STYLE) IN EPDM FOR MWG 8" MPV 300-450 PSI | 35 | 180 | • | |
| H8R109 | 8" MPV FEED CONCENTRATE PORT SEAL IN EPDM FOR END PORT 300-1200 PSI | 35 | 180 | • | |
| H8R111 | 8" MPV PWT SEAL IN EPDM FOR 300-1200 PSI | 35 | 180 | • | |
| H8R061 | 8" MPV THRUST CONE IN ABS FOR END PORT 300-450 PSI | 35 | 180 | • | |
| H8R601 | 8" MPV 1,125" ADAPTER IN ABS FOR 300-450 PSI | 35 | 180 | • | |
| H8R651 | 8" MPV 1,125" ADAPTER PAD IN ABS | 35 | 180 | • | |
| H8R113 | 8" MPV 1,125" ADAPTER O-RING IN EPDM FOR 300-1200 PSI | 35 | 180 | • | |
| H8R701 | 8" MPV HEAD ASSEMBLY END PORT 300 PSI | 35 | 180 | • | |
| H8R703 | 8" MPV HEAD ASSEMBLY END PORT 450 PSI | 35 | 180 | • | |
| H8R001 | 8" MPV SADDLE FOR 300-1200 PSI | 35 | 180 | • | |
| H8R005 | 8" MPV STRAP FOR 300-450 PSI L=530 MM | 35 | 180 | • | |

| Item | Ref | Material |
|-----------|--------|-------------------|
| 2 | H8R081 | ABS |
| 3 | H8R203 | AISI 304 |
| 4 | H8R081 | EPDM |
| 5 | H8R031 | AISI 304 |
| 6 | H8R041 | AISI 304 |
| 9 | H8R108 | EPDM |
| 9 | H8R107 | EPDM |
| 10 | H8R109 | EPDM |
| 12 | H8R111 | EPDM |
| 13 | H8R061 | ABS |
| 14 + 16 | H8R601 | ABS |
| 15 | H8R651 | ABS |
| 16 | H8R113 | EPDM |
| 17 | H8R701 | |
| 17 | H8R703 | |
| Not shown | H8R001 | Rubber |
| Not shown | H8R005 | AISI 304 - Rubber |



8" Membrane Vessels End Port Series 600 E-8



- Fiberglass reinforced plastic pressure vessels series 600 E-8, white painted, UVA-ray proof material;
 - Max operating pressure 600 psi (41 bar);
 - European 2014/68/EU Directive compliant for pressure equipment (PED);
 - Built in accordance with ASME code section X;
 - Each vessel is factory tested at 1,5 times max operating pressure;
 - Feed/concentrate connections 1 ½" Victaulic in super duplex steel AISI 2507;
 - Permeate connections 1" BSPT F;
 - Straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 7 elements);
 - 1,125" membrane adapters included.

| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|--------|--|------|----------|-------------|
| H8E5D1 | RO VESSEL FRP 8" END-PORT 600 PSI 1EL 1,5" VICT. - 1" BSPT F | 35 | 180 | • |
| H8E5D2 | RO VESSEL FRP 8" END-PORT 600 PSI 2EL 1,5" VICT. - 1" BSPT F | 35 | 180 | • |
| H8E5D3 | RO VESSEL FRP 8" END-PORT 600 PSI 3EL 1,5" VICT. - 1" BSPT F | 35 | 180 | |
| H8E5D4 | RO VESSEL FRP 8" END-PORT 600 PSI 4EL 1,5" VICT. - 1" BSPT F | 35 | 180 | |
| H8E5D5 | RO VESSEL FRP 8" END-PORT 600 PSI 5EL 1,5" VICT. - 1" BSPT F | 35 | 180 | |
| H8E5D6 | RO VESSEL FRP 8" END-PORT 600 PSI 6EL 1,5" VICT. - 1" BSPT F | 35 | 180 | |
| H8E5D7 | RO VESSEL FRP 8" END-PORT 600 PSI 7EL 1,5" VICT. - 1" BSPT F | 35 | 180 | |

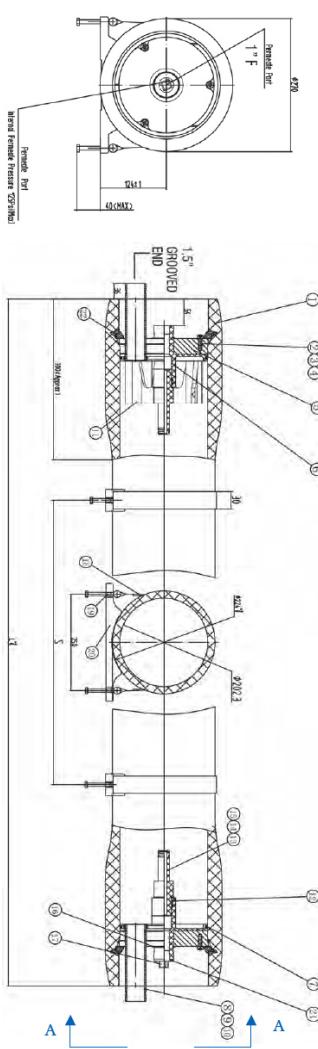
| Ref | Elements | L (mm) | S (mm) |
|--------|----------|--------|----------|
| H8E5D1 | 1 x 40" | 1514 | 700 |
| H8E5D2 | 2 x 40" | 2530 | 1460 |
| H8E5D3 | 3 x 40" | 3546 | 2080 |
| H8E5D4 | 4 x 40" | 4562 | 1600 x 2 |
| H8E5D5 | 5 x 40" | 5578 | 2000 x 2 |
| H8E5D6 | 6 x 40" | 6594 | 2360 x 2 |
| H8E5D7 | 7 x 40" | 7610 | 2860 x 2 |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



8" Membrane Vessels End Port Series 1000 E-8

PROSPETTO A-A



- Fiberglass reinforced plastic pressure vessels series 1000 E-8, white painted, UVA-ray proof material;
- Max operating pressure 1000 psi (69 bar);
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Built in accordance with ASME code section X;
- Each vessel is factory tested at 1,5 times max operating pressure;
- Feed/concentrate connections 1 ½" Victaulic in super duplex steel AISI 2507;
- Permeate connections 1" BSPT F;
- Straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 7 elements);
- 1,125" membrane adapters included.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| H8E5G1 | RO VESSEL FRP 8" END-PORT 1000 PSI 1EL 1,5" VICT. - 1" BSPT F | 35 | 180 | • | |
| H8E5G2 | RO VESSEL FRP 8" END-PORT 1000 PSI 2EL 1,5" VICT. - 1" BSPT F | 35 | 180 | • | |
| H8E5G3 | RO VESSEL FRP 8" END-PORT 1000 PSI 3EL 1,5" VICT. - 1" BSPT F | 35 | 180 | • | |
| H8E5G4 | RO VESSEL FRP 8" END-PORT 1000 PSI 4EL 1,5" VICT. - 1" BSPT F | 35 | 180 | | |
| H8E5G5 | RO VESSEL FRP 8" END-PORT 1000 PSI 5EL 1,5" VICT. - 1" BSPT F | 35 | 180 | | |
| H8E5G6 | RO VESSEL FRP 8" END-PORT 1000 PSI 6EL 1,5" VICT. - 1" BSPT F | 35 | 180 | | |
| H8E5G7 | RO VESSEL FRP 8" END-PORT 1000 PSI 7EL 1,5" VICT. - 1" BSPT F | 35 | 180 | | |

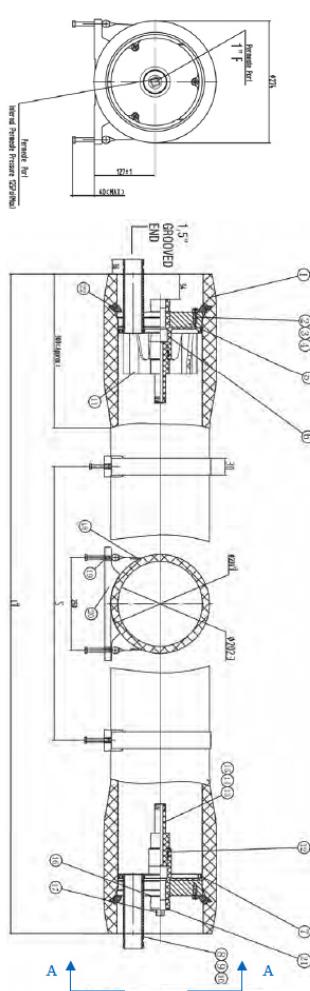
| Ref | Elements | L (mm) | S (mm) |
|--------|----------|--------|----------|
| H8E5G1 | 1 x 40" | 1514 | 700 |
| H8E5G2 | 2 x 40" | 2530 | 1460 |
| H8E5G3 | 3 x 40" | 3546 | 2080 |
| H8E5G4 | 4 x 40" | 4562 | 1600 x 2 |
| H8E5G5 | 5 x 40" | 5578 | 2000 x 2 |
| H8E5G6 | 6 x 40" | 6594 | 2360 x 2 |
| H8E5G7 | 7 x 40" | 7610 | 2860 x 2 |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



8" Membrane Vessels End Port Series 1200 E-8

PROSPETTO A-A



- Fiberglass reinforced plastic pressure vessels series 1000 E-8, white painted, UVA-ray proof material;
- Max operating pressure 1200 psi (83 bar);
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Built in accordance with ASME code section X;
- Each vessel is factory tested at 1,5 times max operating pressure;
- Feed/concentrate connections 1 ½" Victaulic in super duplex steel AISI 2507;
- Permeate connections 1" BSPT F;
- Straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 7 elements);
- 1,125" membrane adapters included.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| H8E5H1 | RO VESSEL FRP 8" END-PORT 1200 PSI 1EL 1,5" VICT. - 1" BSPT F | 35 | 180 | • | |
| H8E5H2 | RO VESSEL FRP 8" END-PORT 1200 PSI 2EL 1,5" VICT. - 1" BSPT F | 35 | 180 | • | |
| H8E5H3 | RO VESSEL FRP 8" END-PORT 1200 PSI 3EL 1,5" VICT. - 1" BSPT F | 35 | 180 | • | |
| H8E5H4 | RO VESSEL FRP 8" END-PORT 1200 PSI 4EL 1,5" VICT. - 1" BSPT F | 35 | 180 | | |
| H8E5H5 | RO VESSEL FRP 8" END-PORT 1200 PSI 5EL 1,5" VICT. - 1" BSPT F | 35 | 180 | | |
| H8E5H6 | RO VESSEL FRP 8" END-PORT 1200 PSI 6EL 1,5" VICT. - 1" BSPT F | 35 | 180 | | |
| H8E5H7 | RO VESSEL FRP 8" END-PORT 1200 PSI 7EL 1,5" VICT. - 1" BSPT F | 35 | 180 | | |

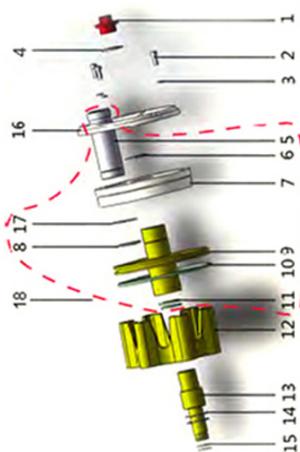
| Ref | Elements | L (mm) | S (mm) |
|--------|----------|--------|----------|
| H8E5H1 | 1 x 40" | 1514 | 700 |
| H8E5H2 | 2 x 40" | 2530 | 1460 |
| H8E5H3 | 3 x 40" | 3546 | 2080 |
| H8E5H4 | 4 x 40" | 4562 | 1600 x 2 |
| H8E5H5 | 5 x 40" | 5578 | 2000 x 2 |
| H8E5H6 | 6 x 40" | 6594 | 2360 x 2 |
| H8E5H7 | 7 x 40" | 7610 | 2860 x 2 |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



8" End Port 600-1000-1200 Psi Vessels Spare Parts

Spare Parts



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|---|------|----------|-------------|--|
| H8R081 | 8" MPV PLUG IN ABS FOR 300-1200 PSI | 35 | 180 | • | |
| H8R203 | 8" MPV LOCKING SEGMENT SCREW IN AISI 304 | 35 | 180 | • | |
| H8R031 | 8" MPV SPRING PAD IN AISI 304 FOR LOCKING SEGMENT SCREW | 35 | 180 | • | |
| H8R111 | 8" MPV PWT SEAL IN EPDM FOR 300-1200 PSI | 35 | 180 | • | |
| H8R109 | 8" MPV FEED CONCENTRATE PORT SEAL IN EPDM FOR END PORT 300-1200 PSI | 35 | 180 | • | |
| H8R108 | 187x7 O-RING (NEW STYLE 2020) IN EPDM FOR ALL MWG 8" MPV | 35 | 180 | • | |
| FBEFR11 | 190x5.3 O-RING IN EPDM FOR MWG EUROFLOW | 40 | 114 | • | |
| H8R111 | 8" MPV PWT SEAL IN EPDM FOR 300-1200 PSI | 35 | 180 | • | |
| H8R063 | 8" MPV THRUST CONE IN ABS FOR END PORT 600-1000-1200 PSI | 35 | 180 | • | |
| H8R603 | 8" MPV 1,125" ADAPTER IN ABS FOR 600-1200 PSI | 35 | 180 | • | |
| H8R613 | 8" MPV 1,5" ADAPTER IN ABS FOR 600-1200 PSI | 35 | 180 | • | |
| H8R651 | 8" MPV 1,125" ADAPTER PAD IN ABS | 35 | 180 | • | |
| H8R653 | 8" MPV 1,5" ADAPTER PAD IN ABS FOR 300-1200 PSI | 35 | 180 | • | |
| H8R113 | 8" MPV 1,125" ADAPTER O-RING IN EPDM FOR 300-1200 PSI | 35 | 180 | • | |
| H8R115 | 8" MPV 1,5" ADAPTER O-RING IN EPDM FOR 300-1200 PSI | 35 | 180 | • | |
| H8R045 | 8" MPV LOCKING KIT (N.3 SEGMENTS) IN AISI 304 FOR 600-1000-1200 PSI | 35 | 180 | • | |
| H8R705 | 8" MPV HEAD ASSEMBLY END PORT 600 PSI | 35 | 180 | • | |
| H8R707 | 8" MPV HEAD ASSEMBLY END PORT 1000 PSI | 35 | 180 | • | |
| H8R709 | 8" MPV HEAD ASSEMBLY END PORT 1200 PSI | 35 | 180 | • | |
| H8R001 | 8" MPV SADDLE FOR 300-1200 PSI | 35 | 180 | • | |
| H8R009 | 8" MPV STRAP FOR 600-1200 PSI L=580 MM | 35 | 180 | • | |

| Item | Ref. | Material |
|-----------|---------|-------------------|
| 1 | H8R081 | ABS |
| 2 | H8R203 | AISI 304 |
| 3 | H8R031 | AISI 304 |
| 4 | H8R111 | EPDM |
| 8 | H8R109 | EPDM |
| 10 | H8R108 | EPDM |
| 10 | FBEFR11 | EPDM |
| 11 | H8R111 | EPDM |
| 12 | H8R063 | ABS |
| 13 + 15 | H8R603 | ABS |
| 13 + 15 | H8R613 | ABS |
| 14 | H8R651 | ABS |
| 14 | H8R653 | ABS |
| 15 | H8R113 | EPDM |
| 15 | H8R115 | EPDM |
| 16 | H8R045 | AISI 304 |
| 18 | H8R705 | |
| 18 | H8R707 | |
| 18 | H8R709 | |
| Not shown | H8R001 | Rubber |
| Not shown | H8R009 | AISI 304 - Rubber |



8" Side Port Vessels Feed/Concentrate Port Options

Each vessel 8" side port can have maximum 3 ports per each end, located in 4 different positions 90° among them. The drawing shows the numbers of different positions.

Each port can have three different dimensions:

D = 1 ½" (standard connection)

E = 2"

F = 2 ½"

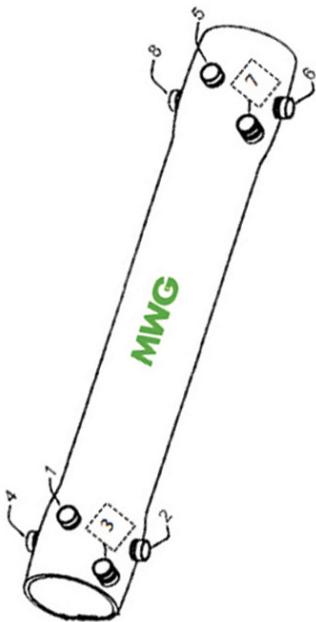
G = 3"

H = 4

Note: a 2 ½" port is not allowed at 90° from any other.

To determine the required configuration, identify the ports starting from N°1 with relevant dimension, complete this side and identify the opposite end.

Example: vessel with ports 1 & 5 connection 1 ½", ports 2 & 6 connection 2".
The configuration is: 1D 5D 2E 6E



Options for MWG 8" side port vessels

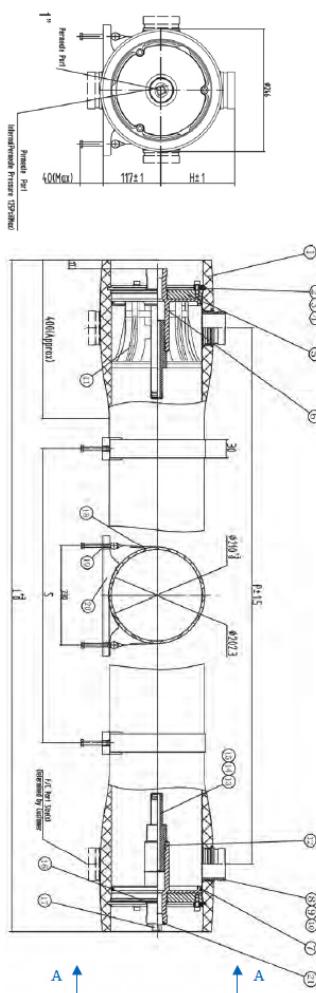
| Vessel 8" | Vessel 8" | Add one extra port |
|----------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| | | 1,5" | 2" | 2,5" | 3" |
| Pressure (psi) | Material | | | | |
| 300 | AISI 316 | | | | |
| 450 | AISI 316 | | | | |
| 600 | Super Duplex 2507 | | | | |
| 1000 | Super Duplex 2507 | | | | |
| 1200 | Super Duplex 2507 | | | | |

| Vessel 8" | Vessel 8" | UP GRADE port | from |
|----------------|-------------------|---------------|------|---------------|------|---------------|------|---------------|------|
| | | 1,5" | | 2" | | 2,5" | | 3" | |
| Pressure (psi) | Material | | | | | | | | |
| 300 | AISI 316 | | | | | | | | |
| 450 | AISI 316 | | | | | | | | |
| 600 | Super Duplex 2507 | | | | | | | | |
| 1000 | Super Duplex 2507 | | | | | | | | |
| 1200 | Super Duplex 2507 | | | | | | | | |



8" Membrane Vessels Side Port Series 300 S-8

PROSPETTO A-A



- Fiberglass reinforced plastic pressure vessels series 300 S-8, white painted, UVA-ray proof material;
- Max operating pressure 300 psi (21 bar);
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Built in accordance with ASME code section X;
- Each vessel is factory tested at 1,5 times max operating pressure;
- Feed/concentrate connections 1 ½" or 2" Victaulic (optional 2 ½" or 3");
- Permeate connections 1" BSPT F;
- Straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 7 elements);
- 1,125" membrane adapters included;
- version from 2 to 7 ports (see list of options).

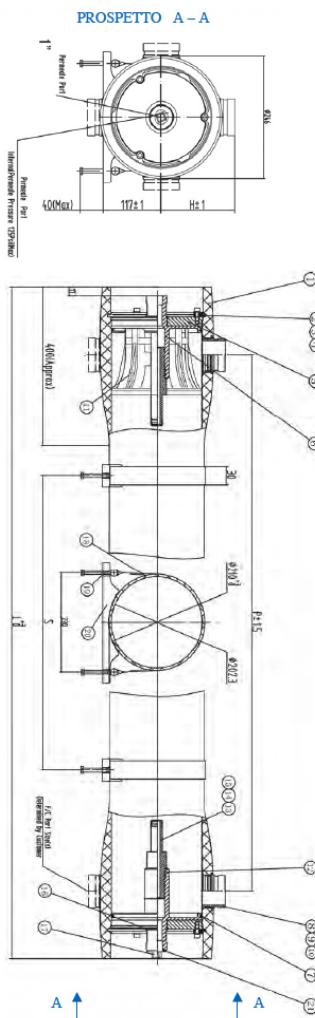
| Ref. Connections 1,5" | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------------------|---|------|-------------|----------------|--|
| H815B1 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 1EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817B1 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 1EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815B2 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 2EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817B2 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 2EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815B3 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 3EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817B3 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 3EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815B4 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 4EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817B4 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 4EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815B5 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 5EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817B5 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 5EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815B6 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 6EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817B6 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 6EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815B7 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 7EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817B7 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 7EL 1D7D - 1" BSPT F | 35 | 180 | | |

| Ref. Connections 1,5" | Elements | L (mm) | P (mm) | S (mm) | Orient. 0°-180° |
|--------------------------|----------|--------|--------|----------|-----------------|
| H815B1 | 1 x 40" | 1494 | 1194 | 700 | 0° |
| H817B1 | 1 x 40" | 1494 | 1194 | 700 | 180° |
| H815B2 | 2 x 40" | 2510 | 2210 | 1460 | 0° |
| H817B2 | 2 x 40" | 2510 | 2210 | 1460 | 180° |
| H815B3 | 3 x 40" | 3526 | 3226 | 2080 | 0° |
| H817B3 | 3 x 40" | 3526 | 3226 | 2080 | 180° |
| H815B4 | 4 x 40" | 4542 | 4242 | 1600 x 2 | 0° |
| H817B4 | 4 x 40" | 4542 | 4242 | 1600 x 2 | 180° |
| H815B5 | 5 x 40" | 5558 | 5258 | 2000 x 2 | 0° |
| H817B5 | 5 x 40" | 5558 | 5258 | 2000 x 2 | 180° |
| H815B6 | 6 x 40" | 6574 | 6274 | 2360 x 2 | 0° |
| H817B6 | 6 x 40" | 6574 | 6274 | 2360 x 2 | 180° |
| H815B7 | 7 x 40" | 7590 | 7290 | 2860 x 2 | 0° |
| H817B7 | 7 x 40" | 7590 | 7290 | 2860 x 2 | 180° |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



8" Membrane Vessels Side Port Series 300 S-8



| Ref Connections 2" | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------------|---|------|----------|-------------|--|
| H820B1 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 1EL 1E5E - 1" BSPT F | 35 | 180 | | |
| H822B1 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 1EL 1E7E-1" BSPT F | 35 | 180 | | |
| H820B2 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 2EL 1E5E - 1" BSPT F | 35 | 180 | | |
| H822B2 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 2EL 1E7E-1" BSPT F | 35 | 180 | | |
| H820B3 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 3EL 1E5E - 1" BSPT F | 35 | 180 | | |
| H822B3 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 3EL 1E7E-1" BSPT F | 35 | 180 | | |
| H820B4 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 4EL 1E5E-1" BSPT F | 35 | 180 | | |
| H822B4 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 4EL 1E7E-1" BSPT F | 35 | 180 | | |
| H820B5 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 5EL 1E5E-1" BSPT F | 35 | 180 | | |
| H822B5 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 5EL 1E7E - 1" BSPT F | 35 | 180 | | |
| H820B6 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 6EL 1E5E-1" BSPT F | 35 | 180 | | |
| H822B6 | RO VESSEL FRP 8" SIDE-PORT 300 PSI 6EL 1E7E - 1" BSPT F | 35 | 180 | | |

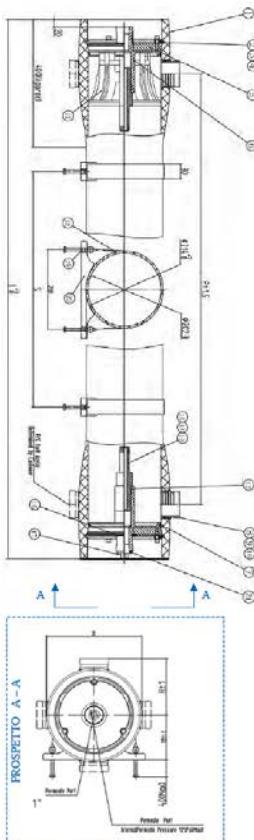
| Ref Connections 2" | Elements | L (mm) | P (mm) | S (mm) | Orient. 0°-180° |
|--------------------|----------|--------|--------|----------|-----------------|
| H820B1 | 1 x 40" | 1494 | 1194 | 700 | 0° |
| H822B1 | 1 x 40" | 1494 | 1194 | 700 | 180° |
| H820B2 | 2 x 40" | 2510 | 2210 | 1460 | 0° |
| H822B2 | 2 x 40" | 2510 | 2210 | 1460 | 180° |
| H820B3 | 3 x 40" | 3526 | 3226 | 2080 | 0° |
| H822B3 | 3 x 40" | 3526 | 3226 | 2080 | 180° |
| H820B4 | 4 x 40" | 4542 | 4242 | 1600 x 2 | 0° |
| H822B4 | 4 x 40" | 4542 | 4242 | 1600 x 2 | 180° |
| H820B5 | 5 x 40" | 5558 | 5258 | 2000 x 2 | 0° |
| H822B5 | 5 x 40" | 5558 | 5258 | 2000 x 2 | 180° |
| H820B6 | 6 x 40" | 6574 | 6274 | 2360 x 2 | 0° |
| H822B6 | 6 x 40" | 6574 | 6274 | 2360 x 2 | 180° |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



8" Membrane Vessels Side Port Series 450 S-8

- Fiberglass reinforced plastic pressure vessels series 450 S-8, white painted, UVA-ray proof material;
- Max operating pressure 450 psi (31 bar);
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Built in accordance with ASME code section X;
- Each vessel is factory tested at 1,5 times max operating pressure;
- Feed/concentrate connections 1 ½" Victaulic (optional 2", 2 ½" or 3");
- Permeate connections 1" BSPT F;
- Straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 7 elements);
- 1,125" membrane adapters included;
- Version from 2 to 7 ports (see list of options).



| Ref | Description | Fam. | Subfam. | Disp. Stock | |
|--------|---|------|---------|-------------|--|
| H815C1 | RO VESSEL FRP 8" SIDE-PORT 450 PSI 1EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817C1 | RO VESSEL FRP 8" SIDE-PORT 450 PSI 1EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815C2 | RO VESSEL FRP 8" SIDE-PORT 450 PSI 2EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817C2 | RO VESSEL FRP 8" SIDE-PORT 450 PSI 2EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815C3 | RO VESSEL FRP 8" SIDE-PORT 450 PSI 3EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817C3 | RO VESSEL FRP 8" SIDE-PORT 450 PSI 3EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815C4 | RO VESSEL FRP 8" SIDE-PORT 450 PSI 4EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817C4 | RO VESSEL FRP 8" SIDE-PORT 450 PSI 4EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815C5 | RO VESSEL FRP 8" SIDE-PORT 450 PSI 5EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817C5 | RO VESSEL FRP 8" SIDE-PORT 450 PSI 5EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815C6 | RO VESSEL FRP 8" SIDE-PORT 450 PSI 6EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817C6 | RO VESSEL FRP 8" SIDE-PORT 450 PSI 6EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815C7 | RO VESSEL FRP 8" SIDE-PORT 450 PSI 7EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817C7 | RO VESSEL FRP 8" SIDE-PORT 450 PSI 7EL 1D7D - 1" BSPT F | 35 | 180 | | |

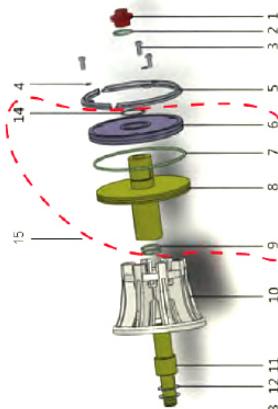
| Ref | Elements | L (mm) | P (mm) | S (mm) | Orient. 0°-180° |
|--------|----------|--------|--------|----------|-----------------|
| H815C1 | 1 x 40" | 1494 | 1194 | 700 | 0° |
| H817C1 | 1 x 40" | 1494 | 1194 | 700 | 180° |
| H815C2 | 2 x 40" | 2510 | 2210 | 1460 | 0° |
| H817C2 | 2 x 40" | 2510 | 2210 | 1460 | 180° |
| H815C3 | 3 x 40" | 3530 | 3226 | 2080 | 0° |
| H817C3 | 3 x 40" | 3530 | 3226 | 2080 | 180° |
| H815C4 | 4 x 40" | 4546 | 4242 | 1600 x 2 | 0° |
| H817C4 | 4 x 40" | 4546 | 4242 | 1600 x 2 | 180° |
| H815C5 | 5 x 40" | 5562 | 5258 | 2000 x 2 | 0° |
| H817C5 | 5 x 40" | 5562 | 5258 | 2000 x 2 | 180° |
| H815C6 | 6 x 40" | 6578 | 6274 | 2360 x 2 | 0° |
| H817C6 | 6 x 40" | 6578 | 6274 | 2360 x 2 | 180° |
| H815C7 | 7 x 40" | 7594 | 7290 | 2860 x 2 | 0° |
| H817C7 | 7 x 40" | 7594 | 7290 | 2860 x 2 | 180° |

| Certificates | Manufacturer | Sectors |
|----------------|--------------|------------|
| DM174-2004, CE | MWG | Industrial |



8" Side Port 300-450 Psi Vessels spare parts

Spare parts

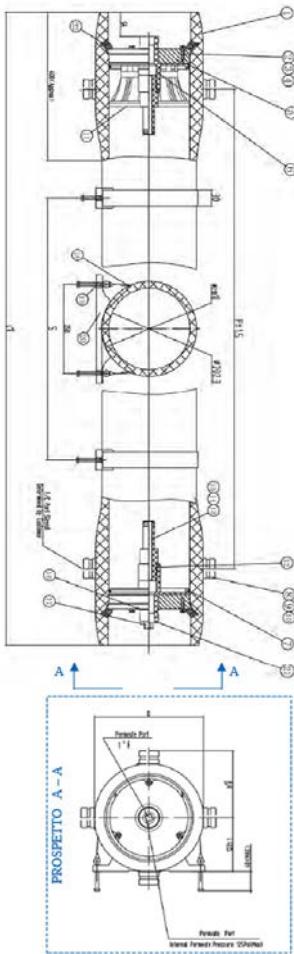


| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| H8R081 | 8" MPV PLUG IN ABS FOR 300-1200 PSI | 35 | 180 | • | |
| H8R111 | 8" MPV PWT SEAL IN EPDM FOR 300÷1200 PSI | 35 | 180 | • | |
| H8R203 | 8" MPV LOCKING SEGMENT SCREW IN AISI 304 | 35 | 180 | • | |
| H8R031 | 8" MPV SPRING PAD IN AISI 304 FOR LOCKING SEGMENT SCREW | 35 | 180 | • | |
| H8R041 | 8" MPV LOCKING SEGMENT IN AISI 304 FOR 300-450 PSI | 35 | 180 | • | |
| H8R108 | 187x7 O-RING (NEW STYLE 2020) IN EPDM FOR ALL MWG 8" MPV | 35 | 180 | • | |
| H8R107 | 190x5.3 X-RING (OLD STYLE) IN EPDM FOR MWG 8" MPV 300-450 PSI | 35 | 180 | • | |
| H8R111 | 8" MPV PWT SEAL IN EPDM FOR 300÷1200 PSI | 35 | 180 | • | |
| H8R071 | 8" MPV THRUST CONE IN ABS FOR SIDE PORT 300-450 PSI | 35 | 180 | • | |
| H8R601 | 8" MPV 1,125" ADAPTER IN ABS FOR 300-450 PSI | 35 | 180 | • | |
| H8R611 | 8" MPV 1,5" ADAPTER IN ABS FOR 300-450 PSI | 35 | 180 | • | |
| H8R651 | 8" MPV 1,125" ADAPTER PAD IN ABS | 35 | 180 | • | |
| H8R653 | 8" MPV 1,5" ADAPTER PAD IN ABS FOR 300-1200 PSI | 35 | 180 | • | |
| H8R113 | 8" MPV 1,125" ADAPTER O-RING IN EPDM FOR 300÷1200 PSI | 35 | 180 | • | |
| H8R115 | 8" MPV 1,5" ADAPTER O-RING IN EPDM FOR 300-1200 PSI | 35 | 180 | • | |
| H8R711 | 8" MPV HEAD ASSEMBLY SIDE PORT 300 PSI | 35 | 180 | • | |
| H8R713 | 8" MPV HEAD ASSEMBLY SIDE PORT 450 PSI | 35 | 180 | • | |
| H8R001 | 8" MPV SADDLE FOR 300-1200 PSI | 35 | 180 | • | |
| H8R005 | 8" MPV STRAP FOR 300-450 PSI L=530 MM | 35 | 180 | • | |

| Item | Ref | Material |
|------------|--------|-------------------|
| 1 | H8R081 | ABS |
| 2 | H8R111 | EPDM |
| 3 | H8R203 | AISI 304 |
| 4 | H8R031 | AISI 304 |
| 5 | H8R041 | AISI 304 |
| 7 | H8R108 | EPDM |
| 7 | H8R107 | EPDM |
| 9 | H8R111 | EPDM |
| 10 | H8R071 | ABS |
| 11 + 13 | H8R601 | ABS |
| 11 + 13 | H8R611 | ABS |
| 12 | H8R651 | ABS |
| 12 | H8R653 | ABS |
| 13 | H8R113 | EPDM |
| 13 | H8R115 | EPDM |
| 15 | H8R711 | |
| 15 | H8R713 | |
| Non Visual | H8R001 | Rubber |
| Non Visual | H8R005 | AISI 304 - Rubber |



8" Membrane Vessels Side Port Series 600 S-8



- Fiberglass reinforced plastic pressure vessels series 600 S-8, white painted, UVA-ray proof material;
- Max operating pressure 600 psi (41 bar);
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Built in accordance with ASME code section X;
- Each vessel is factory tested at 1.5 times max operating pressure;
- Feed/concentrate connections 1 ½" Victaulic (optional 2", 2 ½" or 3") in super duplex steel AISI 2507;
- Permeate connections 1" BSPT F;
- Straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 7 elements);
- 1,125" membrane adapters included;
- Version from 2 to 7 ports (see list of options).

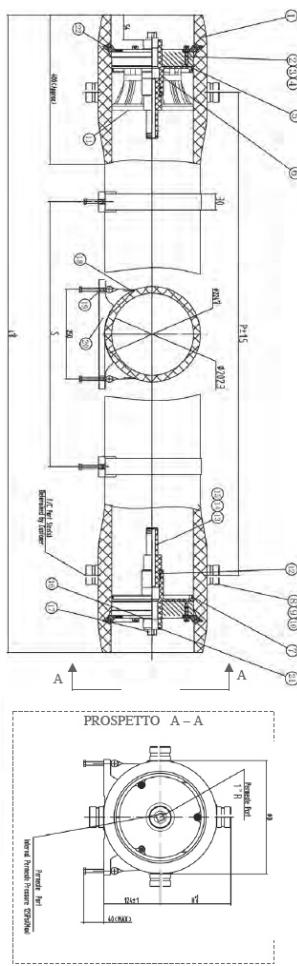
| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| H815D1 | RO VESSEL FRP 8" SIDE-PORT 600 PSI 1EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817D1 | RO VESSEL FRP 8" SIDE-PORT 600 PSI 1EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815D2 | RO VESSEL FRP 8" SIDE-PORT 600 PSI 2EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817D2 | RO VESSEL FRP 8" SIDE-PORT 600 PSI 2EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815D3 | RO VESSEL FRP 8" SIDE-PORT 600 PSI 3EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817D3 | RO VESSEL FRP 8" SIDE-PORT 600 PSI 3EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815D4 | RO VESSEL FRP 8" SIDE-PORT 600 PSI 4EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817D4 | RO VESSEL FRP 8" SIDE-PORT 600 PSI 4EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815D5 | RO VESSEL FRP 8" SIDE-PORT 600 PSI 5EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817D5 | RO VESSEL FRP 8" SIDE-PORT 600 PSI 5EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815D6 | RO VESSEL FRP 8" SIDE-PORT 600 PSI 6EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817D6 | RO VESSEL FRP 8" SIDE-PORT 600 PSI 6EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815D7 | RO VESSEL FRP 8" SIDE-PORT 600 PSI 7EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817D7 | RO VESSEL FRP 8" SIDE-PORT 600 PSI 7EL 1D7D - 1" BSPT F | 35 | 180 | | |

| Ref | Elements | L (mm) | P (mm) | S (mm) | Orient. 0°-180° |
|--------|----------|--------|--------|----------|-----------------|
| H815D1 | 1 x 40" | 1514 | 1143 | 700 | 0° |
| H817D1 | 1 x 40" | 1514 | 1143 | 700 | 180° |
| H815D2 | 2 x 40" | 2530 | 2159 | 1460 | 0° |
| H817D2 | 2 x 40" | 2530 | 2159 | 1460 | 180° |
| H815D3 | 3 x 40" | 3546 | 3175 | 2080 | 0° |
| H817D3 | 3 x 40" | 3546 | 3175 | 2080 | 180° |
| H815D4 | 4 x 40" | 4562 | 4191 | 1600 x 2 | 0° |
| H817D4 | 4 x 40" | 4562 | 4191 | 1600 x 2 | 180° |
| H815D5 | 5 x 40" | 5578 | 5207 | 2000 x 2 | 0° |
| H817D5 | 5 x 40" | 5578 | 5207 | 2000 x 2 | 180° |
| H815D6 | 6 x 40" | 6594 | 6223 | 2360 x 2 | 0° |
| H817D6 | 6 x 40" | 6594 | 6223 | 2360 x 2 | 180° |
| H815D7 | 7 x 40" | 7610 | 7239 | 2860 x 2 | 0° |
| H817D7 | 7 x 40" | 7610 | 7239 | 2860 x 2 | 180° |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



8" Membrane Vessels Side Port Series 1000 S-8



- Fiberglass reinforced plastic pressure vessels series 600 S-8, white painted, UVA-ray proof material;
- Max operating pressure 600 psi (41 bar);
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Built in accordance with ASME code section X;
- Each vessel is factory tested at 1.5 times max operating pressure;
- Feed/concentrate connections 1 ½" Victaulic (optional 2", 2 ½" or 3") in super duplex steel AISI 2507;
- Permeate connections 1" BSPT F;
- Straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 7 elements);
- 1,125" membrane adapters included;
- Version from 2 to 7 ports (see list of options).

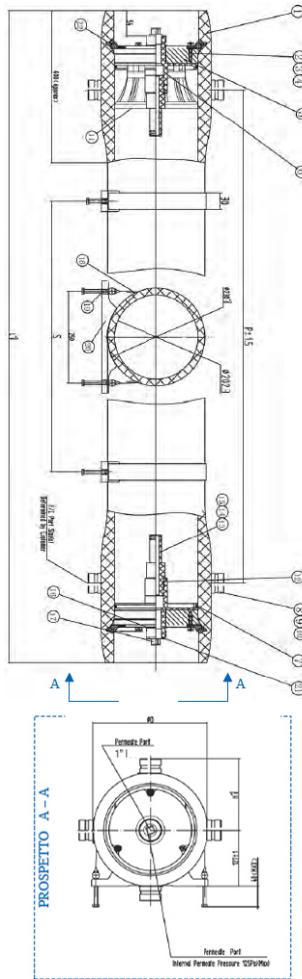
| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| H815G1 | RO VESSEL FRP 8" SIDE-PORT 1000 PSI 1EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817G1 | RO VESSEL FRP 8" SIDE-PORT 1000 PSI 1EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815G2 | RO VESSEL FRP 8" SIDE-PORT 1000 PSI 2EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817G2 | RO VESSEL FRP 8" SIDE-PORT 1000 PSI 2EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815G3 | RO VESSEL FRP 8" SIDE-PORT 1000 PSI 3EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817G3 | RO VESSEL FRP 8" SIDE-PORT 1000 PSI 3EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815G4 | RO VESSEL FRP 8" SIDE-PORT 1000 PSI 4EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817G4 | RO VESSEL FRP 8" SIDE-PORT 1000 PSI 4EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815G5 | RO VESSEL FRP 8" SIDE-PORT 1000 PSI 5EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817G5 | RO VESSEL FRP 8" SIDE-PORT 1000 PSI 5EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815G6 | RO VESSEL FRP 8" SIDE-PORT 1000 PSI 6EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817G6 | RO VESSEL FRP 8" SIDE-PORT 1000 PSI 6EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815G7 | RO VESSEL FRP 8" SIDE-PORT 1000 PSI 7EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817G7 | RO VESSEL FRP 8" SIDE-PORT 1000 PSI 7EL 1D7D - 1" BSPT F | 35 | 180 | | |

| Ref | Elements | L (mm) | P (mm) | S (mm) | Orient. 0° - 180° |
|--------|----------|--------|--------|----------|-------------------|
| H815G1 | 1 x 40" | 1514 | 1143 | 700 | 0° |
| H817G1 | 1 x 40" | 1514 | 1143 | 700 | 180° |
| H815G2 | 2 x 40" | 2530 | 2159 | 1460 | 0° |
| H817G2 | 2 x 40" | 2530 | 2159 | 1460 | 180° |
| H815G3 | 3 x 40" | 3546 | 3175 | 2080 | 0° |
| H817G3 | 3 x 40" | 3546 | 3175 | 2080 | 180° |
| H815G4 | 4 x 40" | 4562 | 4191 | 1600 x 2 | 0° |
| H817G4 | 4 x 40" | 4562 | 4191 | 1600 x 2 | 180° |
| H815G5 | 5 x 40" | 5578 | 5207 | 2000 x 2 | 0° |
| H817G5 | 5 x 40" | 5578 | 5207 | 2000 x 2 | 180° |
| H815G6 | 6 x 40" | 6594 | 6223 | 2360 x 2 | 0° |
| H817G6 | 6 x 40" | 6594 | 6223 | 2360 x 2 | 180° |
| H815G7 | 7 x 40" | 7610 | 7239 | 2860 x 2 | 0° |
| H817G7 | 7 x 40" | 7610 | 7239 | 2860 x 2 | 180° |

| Certificates | Manufacturer | Sectors |
|----------------|--------------|------------|
| DM174-2004, CE | MWG | Industrial |



8" Membrane Vessels Side Port Series 1200 S-8



- Fiberglass reinforced plastic pressure vessels series 1200 S-8, white painted, UVA-ray proof material;
- Max operating pressure 1200 psi (83 bar);
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Built in accordance with ASME code section X;
- Each vessel is factory tested at 1.5 times max operating pressure;
- Feed/concentrate connections 1 ½" Victaulic (optional 2", 2 ½" or 3") in super duplex steel AISI 2507;
- Permeate connections 1" BSPT F;
- Straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 7 elements);
- 1,125" membrane adapters included;
- Version from 2 to 7 ports (see list of options).

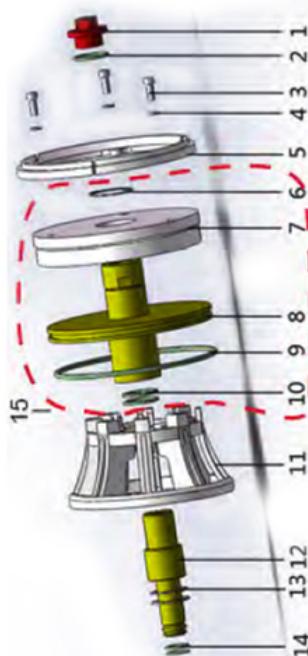
| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| H815H1 | RO VESSEL FRP 8" SIDE-PORT 1200 PSI 1EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817H1 | RO VESSEL FRP 8" SIDE-PORT 1200 PSI 1EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815H2 | RO VESSEL FRP 8" SIDE-PORT 1200 PSI 2EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817H2 | RO VESSEL FRP 8" SIDE-PORT 1200 PSI 2EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815H3 | RO VESSEL FRP 8" SIDE-PORT 1200 PSI 3EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817H3 | RO VESSEL FRP 8" SIDE-PORT 1200 PSI 3EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815H4 | RO VESSEL FRP 8" SIDE-PORT 1200 PSI 4EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817H4 | RO VESSEL FRP 8" SIDE-PORT 1200 PSI 4EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815H5 | RO VESSEL FRP 8" SIDE-PORT 1200 PSI 5EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817H5 | RO VESSEL FRP 8" SIDE-PORT 1200 PSI 5EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815H6 | RO VESSEL FRP 8" SIDE-PORT 1200 PSI 6EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817H6 | RO VESSEL FRP 8" SIDE-PORT 1200 PSI 6EL 1D7D - 1" BSPT F | 35 | 180 | | |
| H815H7 | RO VESSEL FRP 8" SIDE-PORT 1200 PSI 7EL 1D5D - 1" BSPT F | 35 | 180 | | |
| H817H7 | RO VESSEL FRP 8" SIDE-PORT 1200 PSI 7EL 1D7D - 1" BSPT F | 35 | 180 | | |

| Ref | Elements | L (mm) | P (mm) | S (mm) | Orient. 0°-180° |
|--------|----------|--------|--------|----------|-----------------|
| H815H1 | 1 x 40" | 1514 | 1143 | 700 | 0° |
| H817H1 | 1 x 40" | 1514 | 1143 | 700 | 180° |
| H815H2 | 2 x 40" | 2530 | 2159 | 1460 | 0° |
| H817H2 | 2 x 40" | 2530 | 2159 | 1460 | 180° |
| H815H3 | 3 x 40" | 3546 | 3175 | 2080 | 0° |
| H817H3 | 3 x 40" | 3546 | 3175 | 2080 | 180° |
| H815H4 | 4 x 40" | 4562 | 4191 | 1600 x 2 | 0° |
| H817H4 | 4 x 40" | 4562 | 4191 | 1600 x 2 | 180° |
| H815H5 | 5 x 40" | 5578 | 5207 | 2000 x 2 | 0° |
| H817H5 | 5 x 40" | 5578 | 5207 | 2000 x 2 | 180° |
| H815H6 | 6 x 40" | 6594 | 6223 | 2360 x 2 | 0° |
| H817H6 | 6 x 40" | 6594 | 6223 | 2360 x 2 | 180° |
| H815H7 | 7 x 40" | 7610 | 7239 | 2860 x 2 | 0° |
| H817H7 | 7 x 40" | 7610 | 7239 | 2860 x 2 | 180° |

| Certificates | Manufacturer | Sectors |
|----------------|--------------|------------|
| DM174-2004, CE | MWG | Industrial |



8" Side Port 600-1000-1200 Psi Vessels Spare Parts



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|---|------|----------|-------------|--|
| H8R081 | 8" MPV PLUG IN ABS FOR 300-1200 PSI | 35 | 180 | • | |
| H8R111 | 8" MPV PWT SEAL IN EPDM FOR 300÷1200 PSI | 35 | 180 | • | |
| H8R203 | 8" MPV LOCKING SEGMENT SCREW IN AISI 304 | 35 | 180 | • | |
| H8R031 | 8" MPV SPRING PAD IN AISI 304 FOR LOCKING SEGMENT SCREW | 35 | 180 | • | |
| H8R045 | 8" MPV LOCKING KIT (N.3 SEGMENTS) IN AISI 304 FOR 600-1000-1200 PSI | 35 | 180 | • | |
| H8R108 | 187x7 O-RING (NEW STYLE 2020) IN EPDM FOR ALL MWG 8" MPV | 35 | 180 | • | |
| FBEFR11 | 190x5.3 O-RING IN EPDM FOR MWG EUROFLOW | 40 | 114 | • | |
| H8R111 | 8" MPV PWT SEAL IN EPDM FOR 300÷1200 PSI | 35 | 180 | • | |
| H8R073 | 8" MPV THRUST CONE IN ABS FOR SIDE PORT 600-1000-1200 PSI | 35 | 180 | • | |
| H8R603 | 8" MPV 1,125" ADAPTER IN ABS FOR 600-1200 PSI | 35 | 180 | • | |
| H8R613 | 8" MPV 1,5" ADAPTER IN ABS FOR 600-1200 PSI | 35 | 180 | • | |
| H8R651 | 8" MPV 1,125" ADAPTER PAD IN ABS | 35 | 180 | • | |
| H8R653 | 8" MPV 1,5" ADAPTER PAD IN ABS FOR 300-1200 PSI | 35 | 180 | • | |
| H8R113 | 8" MPV 1,125" ADAPTER O-RING IN EPDM FOR 300÷1200 PSI | 35 | 180 | • | |
| H8R115 | 8" MPV 1,5" ADAPTER O-RING IN EPDM FOR 300-1200 PSI | 35 | 180 | • | |
| H8R715 | 8" MPV HEAD ASSEMBLY SIDE PORT 600 PSI | 35 | 180 | • | |
| H8R717 | 8" MPV HEAD ASSEMBLY SIDE PORT 1000 PSI | 35 | 180 | • | |
| H8R719 | 8" MPV HEAD ASSEMBLY SIDE PORT 1200 PSI | 35 | 180 | • | |
| H8R001 | 8" MPV SADDLE FOR 300-1200 PSI | 35 | 180 | • | |
| H8R009 | 8" MPV STRAP FOR 600-1200 PSI L=580 MM | 35 | 180 | • | |

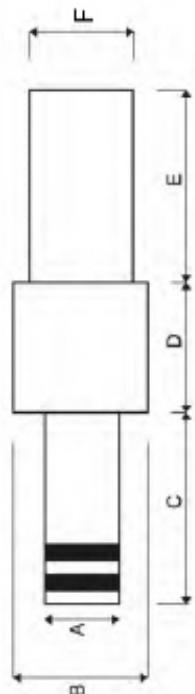
| Item | Ref | Material |
|-----------|---------|-------------------|
| 1 | H8R081 | ABS |
| 2 | H8R111 | EPDM |
| 3 | H8R203 | AISI 304 |
| 4 | H8R031 | AISI 304 |
| 5 | H8R045 | AISI 304 |
| 9 | H8R108 | EPDM |
| 9 | FBEFR11 | EPDM |
| 10 | H8R111 | EPDM |
| 11 | H8R073 | ABS |
| 12 + 14 | H8R603 | ABS |
| 12 + 14 | H8R613 | ABS |
| 13 | H8R651 | ABS |
| 13 | H8R653 | ABS |
| 14 | H8R113 | EPDM |
| 14 | H8R115 | EPDM |
| 15 | H8R715 | |
| 15 | H8R717 | |
| 15 | H8R719 | |
| Not shown | H8R001 | Rubber |
| Not shown | H8R009 | AISI 304 - Rubber |



8" Membrane Adapters

Suitable for 8" membranes;

Material PVC complete with o-rings.



| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|--------|---|------|----------|-------------|
| H8R601 | 8" MPV 1,125" ADAPTER IN ABS FOR 300-450 PSI | 35 | 180 | • |
| H8R611 | 8" MPV 1,5" ADAPTER IN ABS FOR 300-450 PSI | 35 | 180 | • |
| H8R603 | 8" MPV 1,125" ADAPTER IN ABS FOR 600-1200 PSI | 35 | 180 | • |
| H8R613 | 8" MPV 1,5" ADAPTER IN ABS FOR 600-1200 PSI | 35 | 180 | • |
| EA340 | 8" ADAPTER ABS D. 1,44" X 1,125" MALE WHIT O-RING P/N 10125 | 35 | 180 | |

| Ref | Material | A | B | C | D | E | F | For Membrane | For Vessel |
|--------|----------|---------------|----|----|----|----|-------|----------------------|------------|
| H8R601 | ABS | 28,3 (1,125") | 46 | 70 | 38 | 70 | 36,5 | BW30-400 or similar | MWG |
| H8R611 | ABS | 38 (1,5") | 50 | 70 | 36 | 70 | 36,55 | BW30LE440 or similar | MWG |
| H8R603 | ABS | 28,3 (1,125") | 46 | 70 | 38 | 53 | 36,5 | BW30-400 or similar | MWG |
| H8R613 | ABS | 38 (1,5") | 50 | 70 | 36 | 53 | 36,55 | BW30LE440 or similar | MWG |
| EA340 | ABS | 28,5 (1,125") | 48 | 65 | 45 | 67 | 36,7 | BW30-400 or similar | |

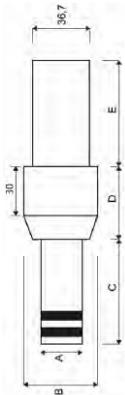
| Ref Adatters | Ref O-Ring | Description | Fam. | Subfam. | Disp. Stock |
|--------------|------------|---|------|---------|-------------|
| H8R601 | H8R113 | 8" MPV 1,125" ADAPTER O-RING IN EPDM FOR 300÷1200 PSI | 35 | 180 | |
| H8R611 | H8R115 | 8" MPV 1,5" ADAPTER O-RING IN EPDM FOR 300-1200 PSI | 35 | 180 | |
| H8R603 | H8R113 | 8" MPV 1,125" ADAPTER O-RING IN EPDM FOR 300÷1200 PSI | 35 | 180 | |
| H8R613 | H8R115 | 8" MPV 1,5" ADAPTER O-RING IN EPDM FOR 300-1200 PSI | 35 | 180 | |
| EA340 | EA355 | ADAPTER O-RING FOR 1.50" MALE ABS ADAPTER P/N 10183 | 35 | 180 | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |



8" Membrane Adapters

- Suitable for 8 "diameter membranes - Complete with o-rings.



| Ref | Description | | | | | | Fam. | Subfa m. | Disp. Stock | |
|-------|---------------------------|--|--|--|--|--|------|----------|-------------|--|
| EA023 | ADAPTER 1.125" BEKAERT BW | | | | | | 35 | 180 | • | |

| Ref | Material | A | B | C | D | E | For Membrane | | For Vessel | |
|-------|----------|---------------|----|----|----|----|----------------------|--|---------------|--|
| EA023 | PVC | 28,5 (1,125") | 50 | 73 | 50 | 64 | BMW30-400 or similar | | Bekaert Style | |

| Ref O-Ring | Description | | | | | | Fam. | Subfa m. | Disp. Stock | |
|------------|--|--|--|--|--|--|------|----------|-------------|--|
| EA354 | ADAPTER O-RING FOR 1.125" MALE ADAPTER P/N 10182 | | | | | | 10 | 180 | | |

Blank Adapters

Blank Adapter Kit

- Suitable for 8" membranes; - Material PVC complete with o-rings.



| Ref | Description | | | Ref O-Ring | Fam. | Subfa m. | Disp. Stock | |
|--------|-----------------------------------|--|--|------------|------|----------|-------------|--|
| EA026A | KIT ADAPTER 1.125" FOR MWG VESSEL | | | EA264 | 35 | 190 | • | |

| Ref | A (mm) | A (Inch) | For Membrane | For Vessel | | | | |
|--------|--------|----------|---------------------|------------|--|--|--|-----|
| EA026A | 28,5 | 1,125" | BW30-400 or similar | | | | | MWG |

| Ref O-Ring | Description | | | | Fam. | Subfa m. | Disp. Stock | |
|------------|--|--|-------|--|------|----------|-------------|--|
| EA264 | 8" O-RING OR.3093/ # 119 - FOR ADAPTER CODELINE 1.125" | | EA264 | | 35 | 180 | | |

Blank Adapter

- Material PVC



| Ref | Description | | | Fam. | Subfa m. | Disp. Stock | |
|-------|-------------------------------------|--|--|------|----------|-------------|--|
| EA028 | KIT BLANK ADAPTER 1.125" PVC FEMALE | | | 35 | 180 | • | |

| Ref | A (mm) | A (Inch) | For Membrane | For Vessel | | | |
|-------|--------|----------|---------------------|------------|--|--|--|
| EA028 | 28,5 | 1,125" | BW30-400 or similar | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |



Victaulic Style Couplings

- Complete with gaskets; Max operating pressure 1000 psi (69 bar)



| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|--|------|--------------|----------------|--|
| EA030 | VICT. TYPE COUPLING CAST-IRON 1000 PSI - 1" (33,4 MM) | 35 | 180 | • | |
| EA032 | VICT. TYPE COUPLING CAST-IRON 1000 PSI - 1"1/4 (42,2 MM) | 35 | 180 | • | |
| EA031 | VICT. TYPE COUPLING CAST-IRON 1000 PSI - 1"1/2 (48,3 MM) | 35 | 180 | • | |
| EA033 | VICT. TYPE COUPLING CAST-IRON 1000 PSI - 2" (60,3 MM) | 35 | 180 | • | |
| EA034 | VICT. TYPE COUPLING CAST-IRON 1000 PSI - 2"1/2 (73,0 MM) | 35 | 180 | • | |
| EA035 | VICT. TYPE COUPLING CAST-IRON 1000 PSI-3" (88,9 MM) | 35 | 180 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |

Aisi 304 Victaulic Style Couplings – 1200 Psi

- Complete with gaskets; Max operating pressure 1200 psi (83 bar).



| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|--|------|--------------|----------------|--|
| EA190 | COUPLING TYPE VICT. AISI 304 1200 PSI -3/4" (26,7 MM) | 35 | 180 | • | |
| EA191 | COUPLING TYPE VICT. AISI 304 1200 PSI -1" (33,7 MM) | 35 | 180 | • | |
| EA192 | COUPLING TYPE VICT. AISI 304 1200 PSI -1"1/4 (42,4 MM) | 35 | 180 | • | |
| EA193 | COUPLING TYPE VICT. AISI 304 1200 PSI -1"1/2 (48,3 MM) | 35 | 180 | • | |
| EA194 | COUPLING TYPE VICT. AISI 304 1200 PSI -2" (60,3 MM) | 35 | 180 | • | |
| EA195 | COUPLING TYPE VICT. AISI 304 1200 PSI -2"1/2 (73,0 MM) | 35 | 180 | • | |
| EA196 | COUPLING TYPE VICT. AISI 304 1200 PSI -3" (88,9 MM) | 35 | 180 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |



Aisi 304 Victaulic Style Couplings - 350 Psi

- Complete with gaskets; Max operating pressure 350 psi (23 bar).



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| EA070 | VICT. TYPE COUPLING AISI 304 350 PSI - 3/4" (26,7 MM) | 35 | 180 | • | |
| EA071 | VICT. TYPE COUPLING AISI 304 350 PSI - 1" (33,4 MM) | 35 | 180 | • | |
| EA072 | VICT. TYPE COUPLING AISI 304 350 PSI - 1"1/4 (42,2 MM) | 35 | 180 | • | |
| EA073 | VICT. TYPE COUPLING AISI 304 350 PSI - 1"1/2 (48,3 MM) | 35 | 180 | • | |
| EA074 | VICT. TYPE COUPLING AISI 304 350 PSI - 2" (60,3 MM) | 35 | 180 | • | |
| EA075A | VICT. TYPE COUPLING AISI 304 350 PSI - 2"1/2 (73,0 MM) | 35 | 180 | • | |
| EA075 | VICT. TYPE COUPLING AISI 304 350 PSI - 3" O.D. (76,1 MM) | 35 | 180 | • | |
| EA076 | VICT. TYPE COUPLING AISI 304 350 PSI - 3" (88,9 MM) | 35 | 180 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |

Nylon Victaulic Style Couplings - 300 psi

- Complete with gaskets in EPDM;
- Max operating pressure 300 psi (21 bar).



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| EA550 | VICT. COUPLING NYLON 300 PSI-1" (33,4 MM) - DN25 | 35 | 180 | • | |
| EA551 | VICT. COUPLING NYLON 300 PSI-1" 1/4 (42,2 MM) - DN32 | 35 | 180 | • | |
| EA552 | VICT. COUPLING NYLON 300 PSI-1" 2" (48,3 MM) - DN40 | 35 | 180 | • | |
| EA553 | VICT. COUPLING NYLON 300 PSI-1" 1/2 (60,3 MM) - DN50 | 35 | 180 | • | |
| EA554 | VICT. COUPLING NYLON 300 PSI-2" 1/2 (73,0 MM) - DN65 | 35 | 180 | • | |
| EA555 | VICT. COUPLING NYLON 300 PSI-3" (88,9 MM) - DN80 | 35 | 180 | • | |
| EA556 | VICT. COUPLING NYLON 300 PSI-4" (114,3 MM) - DN100 | 35 | 180 | • | |

| Ref | For our stub pipes | Nominal diameter (pollici) | Nominal diameter (mm) |
|-------|--------------------|----------------------------|-----------------------|
| EA550 | | 1" | 33,4 |
| EA551 | EA601 | 1 1/4" | 42,2 |
| EA552 | EA602 | 1 1/2" | 48,3 |
| EA553 | EA603 | 2" | 60,3 |
| EA554 | EA604 | 2 1/2" | 73,0 |
| EA555 | EA605 | 3" | 88,9 |
| EA556 | EA606 | 4" | 114,3 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |



Nylon Victaulic Style Couplings - 150 psi

- Complete with gaskets in EPDM;
- Max operating pressure 150 psi (21 bar).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| EA557 | VICT. COUPLING NYLON 150 PSI-6" (168,3 MM) - DN150 | 35 | 180 | | |
| EA558 | VICT. COUPLING NYLON 150 PSI-8" (219,1 MM) - DN200 | 35 | 180 | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |

Stub Pipes to Weld

- Stub pipe with end part to weld;
- Material AISI 316;
- P max 600 psi (42 bar).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| EA080 | STUBE PIPE TO WELD CUT GROOVE AISI 316 - 3/4" (26,7 x 60 MM - SCH 40) | 35 | 180 | • | |
| EA081 | STUBE PIPE TO WELD CUT GROOVE AISI 316 - 1" (33,7 x 60 MM - SCH 40) | 35 | 180 | • | |
| EA082 | STUBE PIPE TO WELD CUT GROOVE AISI 316 - 1"1/4 (42,4 x 60 MM - SCH 40) | 35 | 180 | • | |
| EA083 | STUBE PIPE TO WELD CUT GROOVE AISI 316 - 1"1/2 (48,3 x 60 MM - SCH 40) | 35 | 180 | • | |
| EA084 | STUBE PIPE TO WELD CUT GROOVE AISI 316 - 2" (60,3 x 80 MM - SCH 40) | 35 | 180 | • | |
| EA085A | STUBE PIPE TO WELD CUT GROOVE AISI 316 - 2"1/2 (73,0 x 90 MM - SCH 40) | 35 | 180 | • | |
| EA086 | STUBE PIPE TO WELD CUT GROOVE AISI 316 - 3" (88,9 x 100 MM - SCH 40) | 35 | 180 | • | |

| Ref | ANSIB36.10 Schedula | Nominal diameter (mm) | Lenght (mm) |
|--------|---------------------|-----------------------|-------------|
| EA080 | 40 | 26,7 | 60 |
| EA081 | 40 | 33,4 | 60 |
| EA082 | 40 | 42,2 | 60 |
| EA083 | 40 | 48,3 | 60 |
| EA084 | 40 | 60,3 | 80 |
| EA085A | 40 | 73,0 | 90 |
| EA086 | 40 | 88,9 | 100 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |

**Threaded Stub Pipes**

- Stub pipe with end part threaded;
- Material AISI 316;
- P max 600 psi (42 bar).

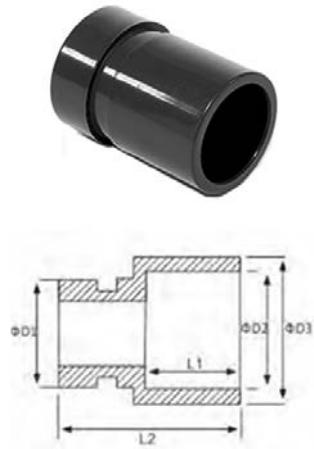
| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| EA050 | THREADED STUBE PIPE CUT GROOVE AISI 316 - 3/4" M (26,7 x 65 MM) | 35 | 180 | • | |
| EA051 | THREADED STUBE PIPE CUT GROOVE AISI 316 - 1" M (33,7 x 65 MM) | 35 | 180 | • | |
| EA052 | THREADED STUBE PIPE CUT GROOVE AISI 316 - 1"1/4 M (42,4 x 80 MM) | 35 | 180 | • | |
| EA053 | THREADED STUBE PIPE CUT GROOVE AISI 316 - 1"1/2 M (48,3 x 100 MM) | 35 | 180 | • | |
| EA054 | THREADED STUBE PIPE CUT GROOVE AISI 316 - 2" M (60,3 x 100 MM) | 35 | 180 | • | |
| EA055 | THREADED STUBE PIPE CUT GROOVE AISI 316 - 2"1/2 M (76,1 x 100 MM) | 35 | 180 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |



Stub Pipes

Stub Pipes to Glue



- Stub pipes with end part to glue and the other end part for Victaulic Style couplings;
- In PVC-U.
- PN = 4 bar.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-----------------------------|------|----------|-------------|--|
| EA601 | PVC-U STUBE PIPE DN32 D32 | 35 | 180 | • | |
| EA602 | PVC-U STUBE PIPE DN40 D50 | 35 | 180 | • | |
| EA603 | PVC-U STUBE PIPE DN50 D63 | 35 | 180 | • | |
| EA604 | PVC-U STUBE PIPE DN65 D75 | 35 | 180 | • | |
| EA605 | PVC-U STUBE PIPE DN80 D90 | 35 | 180 | • | |
| EA606 | PVC-U STUBE PIPE DN100 D110 | 35 | 180 | • | |

| Ref | For our victaulic style couplings | D1 (mm) | D2 (mm) | D3 (mm) | L1 (mm) | L2 (mm) |
|-------|-----------------------------------|---------|---------|---------|---------|---------|
| EA601 | EA551 | 42 | 32 | 40 | 22 | 64 |
| EA602 | EA552 | 48 | 50 | 60 | 31 | 66 |
| EA603 | EA553 | 60 | 63 | 74 | 38 | 76 |
| EA604 | EA554 | 73 | 75 | 87 | 43 | 79 |
| EA605 | EA555 | 89 | 90 | 104 | 51 | 85 |
| EA606 | EA556 | 114 | 110 | 125 | 61 | 96 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | | Industrial |



R.O. PLUS Electric Control Panel for R.O. Systems



- With double conductivity meter (feed and permeate);
 - In this way you can:
 - Command the high pressure pump and the two solenoid valves for feed interception and flushing;
 - Manage and program the most common measurement and signal instruments installed on the system, with highly flexible ways of working;
 - Manage and setting the automatic cleaning system;
 - Conform to CE Directives;
 - Microprocessor;
 - LCD display 2 x 16 digit;
 - Power supply 230VAC 50-60Hz;
 - Available in ABS box with protection class IP65 (ref. DG101 and ref. DG103) or Rack version (ref. DG101R and ref. DG103R);
 - Supplied without conductivity probes.
- RACK Version: Height 180 (mm), Width 220 (mm), Depth 80 (mm)**

Operated functions:

- High pressure pump (max power 736 W);
- Feed electric valve;
- Fluxing electric valve;
- Cleaning electric valve;
- Pump for antiscalping.

Conductivity meter:

- VERSION 1: RO PLUS LC (ref. DG101 ABS box IP65 and ref. DG101R Rack version).
- With conductivity meter for feed 000 ÷ 9,99 mS/cm and conductivity meter for permeate 00,0 ÷ 99,9 µS/cm.
- Warning: with this model you must use one Stainless Steel probe K=1 (ref. DG121) for feed and one Stainless Steel probe for permeate (ref. DG122), to buy separately.
- VERSION 2: RO PLUS HC (ref. DG103 ABS box IP65 and ref. DG103R Rack version)
- With conductivity meter for feed 00,0 ÷ 9,99 mS/cm and conductivity meter for permeate 00,0 ÷ 999 µS/cm
- Warning: with this model you must use n.2 graphite probes K=1 (ref. DG123), one for the feed and one for the permeate, to buy separately.
- The version is displayed turning on the instrument.



DG121



DG122



DG123

External input receivable:

- Low permeate storage tank level;
- High permeate storage tank level;
- Minimum pressure meter;
- Maximum pressure meter;
- Pretreatment (filter or softener) in service;
- Heat pump;
- Failed dosage alarm;
- Stand-by.

Alarms:

- High conductivity; - Low pressure; - High pressure; - Heat pump; - HIGH LOW CONTACT.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| DG101 | R.O. PLUS LC CONTROL PANEL | 30 | 185 | • | |
| DG103 | R.O. PLUS HC CONTROL PANEL | 30 | 185 | • | |
| DG101R | R.O. PLUS LC RACK CONTROL PANEL | 30 | 185 | • | |
| DG103R | R.O. PLUS HC RACK CONTROL PANEL | 30 | 185 | • | |
| DG121 | CONDUCTIVITY PROBE INOX K=1 CONN.3/4" W/CABLE | 30 | 185 | • | |
| DG122 | CONDUCTIVITY PROBE INOX K=0.1 CONN.3/4" W/CABLE | 30 | 185 | • | |
| DG123 | CONDUCTIVITY PROBE CARBON K=1 CONN.3/4" W/CABLE | 30 | 185 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| CE | MWG | Commercial, Industrial |



In-Out 3/8" Rotary Pumps for R.O.

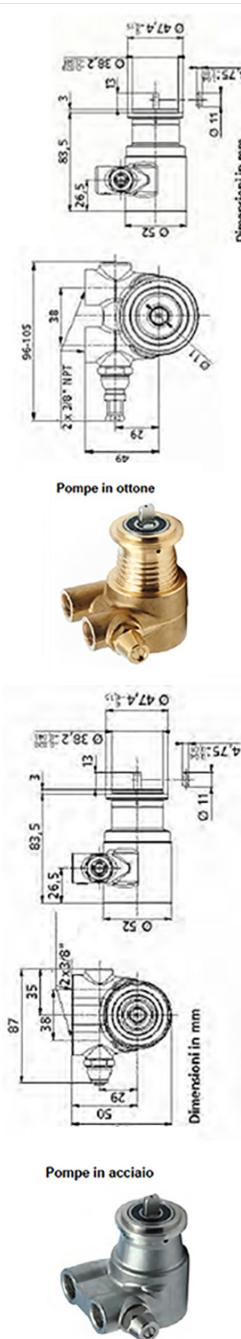


- Rotary vane pumps for R.O. systems, direct connection V-band clamp to motor;
- Housing material brass or AISI 303, security by-pass on show models;
- IN-OUT connections 3/8" F BSPT (or NPT on demand);
- T max = 50°C;
- Service life = almost 4.000 hours (with P=10 bar and good operating conditions).

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------|---|------|--------------|----------------|--|
| DE804A | ROTARY PUMP RO 50 BRASS WITH BYPASS 3/8" GAS | 30 | 170 | • | |
| DE805A | ROTARY PUMP RO 150 BRASS WITH BYPASS 3/8" GAS | 30 | 170 | • | |
| DE806A | ROTARY PUMP RO 200 BRASS WITH BYPASS 3/8" GAS | 30 | 170 | • | |
| DE807A | ROTARY PUMP RO 300 BRASS WITH BYPASS 3/8" GAS | 30 | 170 | • | |
| DE808A | ROTARY PUMP RO 400 BRASS WITH BYPASS 3/8" GAS | 30 | 170 | • | |
| DE827A | ROTARY PUMP RO 300 AISI W/BY PASS 3/8" GAS | 30 | 170 | • | |
| DE828A | ROTARY PUMP RO 400 AISI W/BY PASS 3/8" GAS | 30 | 170 | • | |
| DE811A | ROTARY PUMP RO 200 BRASS 3/8" GAS | 30 | 170 | • | |
| DE812A | ROTARY PUMP RO 300 BRASS 3/8" GAS | 30 | 170 | • | |
| DE813A | ROTARY PUMP RO 400 BRASS 3/8" GAS | 30 | 170 | • | |
| DE832A | ROTARY PUMP RO 300 AISI 3/8" GAS | 30 | 170 | • | |
| DE833A | ROTARY PUMP RO 400 AISI 3/8" GAS | 30 | 170 | • | |
| DE804 | ROTARY PUMP RO 50 BRASS WITH BYPASS 3/8" NPT | 30 | 170 | | |
| DE805 | ROTARY PUMP RO 150 BRASS WITH BYPASS 3/8" NPT | 30 | 170 | | |
| DE806 | ROTARY PUMP RO 200 BRASS WITH BYPASS 3/8" NPT | 30 | 170 | | |
| DE807 | ROTARY PUMP RO 300 BRASS WITH BYPASS 3/8" NPT | 30 | 170 | | |
| DE808 | ROTARY PUMP RO 400 BRASS WITH BYPASS 3/8" NPT | 30 | 170 | | |
| DE827 | ROTARY PUMP RO 300 AISI W/BY PASS 3/8" NPT | 30 | 170 | | |
| DE828 | ROTARY PUMP RO 400 AISI W/BY PASS 3/8" NPT | 30 | 170 | | |
| DE811 | ROTARY PUMP RO 200 BRASS 3/8" NPT | 30 | 170 | | |
| DE812 | ROTARY PUMP RO 300 BRASS 3/8" NPT | 30 | 170 | | |
| DE813 | ROTARY PUMP RO 400 BRASS 3/8" NPT | 30 | 170 | | |
| DE832 | ROTARY PUMP RO 300 AISI 3/8" NPT | 30 | 170 | | |
| DE833 | ROTARY PUMP RO 400 AISI 3/8" NPT | 30 | 170 | | |



In-Out 3/8" Rotary Pumps for R.O.



| Ref | Connections | Material | Flow 7 bar (l/h) | Flow 14 bar (l/h) |
|--------|-------------|----------|------------------|-------------------|
| DE804A | BSPT | Brass | 65 | 55 |
| DE805A | BSPT | Brass | 165 | 150 |
| DE806A | BSPT | Brass | 225 | 206 |
| DE807A | BSPT | Brass | 334 | 315 |
| DE808A | BSPT | Brass | 434 | 415 |
| DE827A | BSPT | AISI 303 | 334 | 315 |
| DE828A | BSPT | AISI 303 | 434 | 415 |
| DE811A | BSPT | Brass | 225 | 206 |
| DE812A | BSPT | Brass | 334 | 315 |
| DE813A | BSPT | Brass | 434 | 415 |
| DE832A | BSPT | AISI 303 | 334 | 315 |
| DE833A | BSPT | AISI 303 | 434 | 415 |
| DE804 | NPT | Brass | 65 | 55 |
| DE805 | NPT | Brass | 165 | 150 |
| DE806 | NPT | Brass | 225 | 206 |
| DE807 | NPT | Brass | 334 | 315 |
| DE808 | NPT | Brass | 434 | 415 |
| DE827 | NPT | AISI 303 | 334 | 315 |
| DE828 | NPT | AISI 303 | 434 | 415 |
| DE811 | NPT | Brass | 225 | 206 |
| DE812 | NPT | Brass | 334 | 315 |
| DE813 | NPT | Brass | 434 | 415 |
| DE832 | NPT | AISI 303 | 334 | 315 |
| DE833 | NPT | AISI 303 | 434 | 415 |

| Certificates | Manufacturer | Sectors |
|----------------------------|--------------|----------------------|
| DM174-2004 / NSF169 / WRAS | MWG | Domestic, Commercial |



In-Out 1/2" Rotary Pumps for R.O.

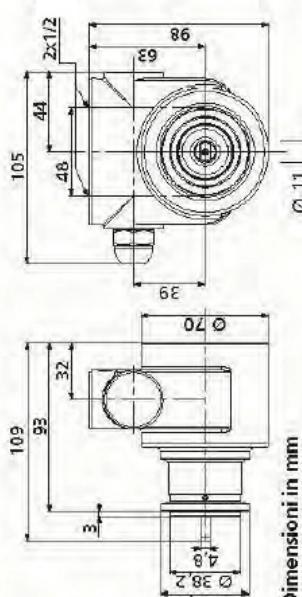


- Rotary vane pumps for R.O. systems, direct connection V-band clamp to motor;
- Housing material brass or AISI 303;
- IN-OUT Gas connections 1/2" F BSPT (or NPT on demand);
- T max = 50°C;
- Service life = almost 4.000 hours (with P=10 bar and good operating conditions).

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------|--|------|--------------|----------------|--|
| DE809A | ROTARY PUMP RO 600 BRASS WITH BYPASS 1/2" GAS | 30 | 170 | • | |
| DE810A | ROTARY PUMP RO 800 BRASS WITH BYPASS 1/2" GAS | 30 | 170 | • | |
| DE814A | ROTARY PUMP RO 1000 BRASS WITH BYPASS 1/2" GAS | 30 | 170 | • | |
| DE817A | ROTARY PUMP RO 600 BRASS 1/2" GAS | 30 | 170 | • | |
| DE818A | ROTARY PUMP RO 800 BRASS 1/2" GAS | 30 | 170 | • | |
| DE819A | ROTARY PUMP RO 1000 BRASS 1/2" GAS | 30 | 170 | • | |
| DE801A | ROTARY PUMP RO 600 MAXI AISI W/BY PASS 1/2" GAS | 30 | 170 | • | |
| DE802A | ROTARY PUMP RO 800 MAXI AISI W/BY PASS 1/2" GAS | 30 | 170 | • | |
| DE803A | ROTARY PUMP RO 1000 MAXI AISI W/BY PASS 1/2" GAS | 30 | 170 | • | |
| DE837A | ROTARY PUMP RO 600 MAXI AISI 1/2" GAS | 30 | 170 | • | |
| DE838A | ROTARY PUMP RO 800 MAXI AISI 1/2" GAS | 30 | 170 | • | |
| DE839A | ROTARY PUMP RO 1000 MAXI AISI 1/2" GAS | 30 | 170 | • | |
| DE809 | ROTARY PUMP RO 600 BRASS WITH BYPASS 1/2" NPT | 30 | 170 | | |
| DE810 | ROTARY PUMP RO 800 BRASS WITH BYPASS 1/2" NPT | 30 | 170 | | |
| DE814 | ROTARY PUMP RO 1000 BRASS WITH BYPASS 1/2" NPT | 30 | 170 | | |
| DE817 | ROTARY PUMP RO 600 BRASS 1/2" NPT | 30 | 170 | | |
| DE818 | ROTARY PUMP RO 800 BRASS 1/2" NPT | 30 | 170 | | |
| DE819 | ROTARY PUMP RO 1000 BRASS 1/2" NPT | 30 | 170 | | |
| DE801 | ROTARY PUMP RO 600 MAXI AISI W/BY PASS 1/2" NPT | 30 | 170 | | |
| DE802 | ROTARY PUMP RO 800 MAXI AISI W/BY PASS 1/2" NPT | 30 | 170 | | |
| DE803 | ROTARY PUMP RO 1000 MAXI AISI W/BY PASS 1/2" NPT | 30 | 170 | | |
| DE837 | ROTARY PUMP RO 600 MAXI AISI 1/2" NPT | 30 | 170 | | |
| DE838 | ROTARY PUMP RO 800 MAXI AISI 1/2" NPT | 30 | 170 | | |
| DE839 | ROTARY PUMP RO 1000 MAXI AISI 1/2" NPT | 30 | 170 | | |



In-Out ½" Rotary Pumps for R.O.



| Ref | Connections | Material | Flow 7 bar (l/h) | Flow 14 bar (l/h) |
|--------|-------------|----------|------------------|-------------------|
| DE809A | BSPT | Brass | 620 | 797 |
| DE810A | BSPT | Brass | 820 | 797 |
| DE814A | BSPT | Brass | 1020 | 997 |
| DE817A | BSPT | Brass | 620 | 597 |
| DE818A | BSPT | Brass | 820 | 797 |
| DE819A | BSPT | Brass | 1020 | 997 |
| DE801A | BSPT | AISI 303 | 620 | 597 |
| DE802A | BSPT | AISI 303 | 820 | 797 |
| DE803A | BSPT | AISI 303 | 1020 | 997 |
| DE837A | BSPT | AISI 303 | 620 | 597 |
| DE838A | BSPT | AISI 303 | 820 | 797 |
| DE839A | BSPT | AISI 303 | 1020 | 997 |
| DE809 | NPT | Brass | 620 | 597 |
| DE810 | NPT | Brass | 820 | 797 |
| DE814 | NPT | Brass | 1020 | 997 |
| DE817 | NPT | Brass | 620 | 597 |
| DE818 | NPT | Brass | 820 | 797 |
| DE819 | NPT | Brass | 1020 | 997 |
| DE801 | NPT | AISI 303 | 620 | 597 |
| DE802 | NPT | AISI 303 | 820 | 797 |
| DE803 | NPT | AISI 303 | 1020 | 997 |
| DE837 | NPT | AISI 303 | 620 | 597 |
| DE838 | NPT | AISI 303 | 820 | 797 |
| DE839 | NPT | AISI 303 | 1020 | 997 |

| Certificates | Manufacturer | Sectors |
|----------------------------|--------------|----------------------------------|
| DM174-2004 / NSF169 / WRAS | MWG | Domestic, Commercial, Industrial |



Motors Direct Connection for Rotary Pumps

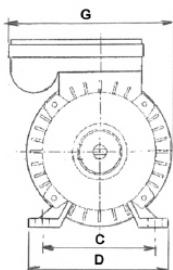


- Single phase motors direct connection for rotary vane pumps;
- Complete with thermic protection (our ref. DE845 has an automatic reset thermal protection when the temperature decreases);
- Power supply 220V - 50 Hz.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| DE850 | MOTOR 300W-230V-50Hz SINGLE PHASE DIRECT CONNECTIONS | 30 | 170 | • | |
| DE845 | MOTOR 550W-230V-50Hz 4 POLES SINGLE PHASE DIRECT CONNECTIONS | 30 | 170 | • | |

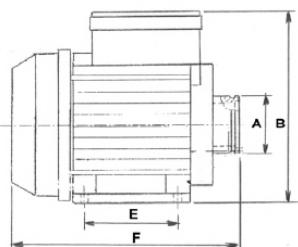
| Ref | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) |
|-------|--------|--------|--------|--------|--------|--------|--------|
| DE850 | 47 | 156 | 97 | 120 | 80 | 200 | 138 |
| DE845 | 44 | 205 | * | 172 | * | 241 | * |

* Not applicable: for further details, please consult our Technical Department.



| Ref | Electrical Input (a) | RPM | IP Protection | For Pumps |
|-------|----------------------|-------|---------------|---------------|
| DE850 | 1,6 | 1.300 | IP 44 | RO 200 RO 300 |
| DE845 | 4,2 | 1.360 | IP 55 | RO 600 RO 800 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| CE | | Domestic, Commercial, Industrial |





Motors for Rotary Pumps for R.O. 300-400-600-800-1000

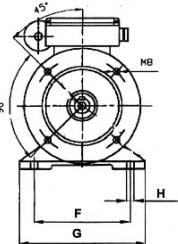
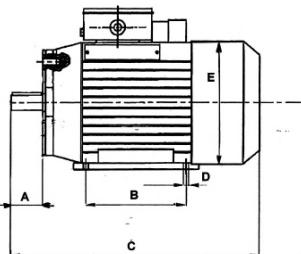


- Range of single and three phase motor for application with rotary vane pumps, using coupling and adapter;
- 4 poles motor, power supply 220V – 50 Hz single phase, 380V – 50 Hz three phase;
- Protection class IP55;

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| DE860 | MOTOR 1/2 CV-M71-4POLI 220V/50HZ SINGLE PHASE B3/B14 | 30 | 170 | • | |
| DE861 | MOTOR 3/4 CV-M80-4POLI 220V/50HZ SINGLE PHASE B3/B14 | 30 | 170 | • | |
| DE862 | MOTOR 1 CV-M80-4POLI 220V/50HZ SINGLE PHASE B3/B14 | 30 | 170 | • | |
| DE863 | MOTOR 1/2 CV-M71 4 POLI 220/380V-50HZ TRIPHASE B3/B14 | 30 | 170 | • | |
| DE864 | MOTOR 3/4 CV-M80 4 POLI 220/380V-50HZ TRIPHASE B3/B14 | 30 | 170 | • | |
| DE865 | MOTOR 1 CV-M80 4 POLI 220/380V-50HZ TRIPHASE B3/B14 | 30 | 170 | • | |

| Model | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0,5 CV | 30 | 90 | 222 | 7 | 141 | 112 | 142 | 10 |
| 0,75 CV | 40 | 100 | 255 | 10 | 157 | 125 | 160 | 13 |
| 1 CV | 40 | 100 | 255 | 10 | 157 | 125 | 160 | 13 |

| Ref | Power (cv) | Power (w) | Electrical Input (a) | RPM | For pump |
|-------|------------|-----------|----------------------|------|---------------|
| DE860 | 0,5 | 370 | 3,1 | 1360 | RO 300 RO 400 |
| DE861 | 0,75 | 550 | 3,9 | 1360 | RO 600 RO 800 |
| DE862 | 1 | 750 | 5,6 | 1370 | RO 1000 |
| DE863 | 0,5 | 370 | 2,2 | 1360 | RO 300 RO 400 |
| DE864 | 0,75 | 550 | 2,8 | 1360 | RO 600 RO 800 |
| DE865 | 1 | 750 | 3,5 | 1360 | RO 1000 |



| Power Ref | Coupling Ref | Adapter Ref |
|-----------|--------------|-------------|
| DE860 | DE872 | DE871 |
| DE861 | DE874 | DE873 |
| DE862 | DE874 | DE873 |
| DE863 | DE872 | DE871 |
| DE864 | DE874 | DE873 |
| DE865 | DE874 | DE873 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| CE | | Domestic, Commercial, Industrial |

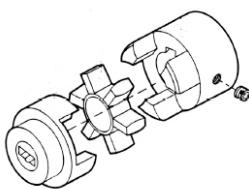
Adapter Couplings and Adapters for Rotary Pumps Models R.O.
300-400-600-800-1000

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-----------------------|------|----------|-------------|--|
| DE871 | ADAPTER GR.71 -B3/B14 | 30 | 170 | • | |

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|----------------------|------|----------|-------------|--|
| DE873 | ADAPTER GR.80-B3/B14 | 30 | 170 | • | |



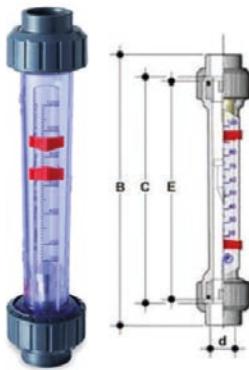
| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|----------------|------|----------|-------------|--|
| DE872 | COUPLING GR.71 | 30 | 170 | • | |



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|----------------|------|----------|-------------|--|
| DE874 | COUPLING GR.80 | 30 | 170 | • | |



Flowmeters



- Flowmeters (the reading is taken in correspondence with the top edge of the float) with wide range of measuring scale and of end connections (d20 ÷ d75), good level of accuracy with simple operation and very limited maintenance;
- Standard fluid = water; - Measuring tube in transparent PVC-U, Float in PP and O-ring in EPDM;
- Isolating or control valves may be mounted both upstream or downstream the flowmeter;
- Maximum working pressure with water up to 25°C = 10 bar; - 60°C = 1,5 bar - Temperature range = 5 ÷ 60°C.

FVCI

FSIV

| D | B | C | E | D | B | C | E |
|----|-----|-----|-----|----|-----|-----|-----|
| 20 | 208 | 176 | 170 | 40 | 408 | 356 | 350 |
| 25 | 229 | 191 | 185 | 63 | 432 | 356 | 350 |
| 32 | 250 | 206 | 200 | 75 | 444 | 356 | 350 |

| Ref | Description | Connect. | Fam. | Subfa. m. | Disp. Stock |
|-------|---|----------|------|--------------|----------------|
| DG030 | FLOWMETER FCIV D20 PVC EPDM 20-200 L/H PVC CLEAR PP FLOAT | d20 | 30 | 185 | • |
| DG032 | FLOWMETER FCIV D25 PVC EPDM 30-350 L/H PVC CLEAR PP FLOAT | d25 | 30 | 185 | • |
| DG034 | FLOWMETER FCIV D32 PVC EPDM 60-600 L/H PVC CLEAR PP FLOAT | d32 | 30 | 185 | • |
| DG036 | FLOWMETER FCIV D32 PVC EPDM 100-1000 L/H PVC CLEAR PP FLOAT | d32 | 30 | 185 | • |
| DG038 | FLOWMETER FSIV D40 PVC EPDM 160-1600 L/H PVC CLEAR PP FLOAT | d40 | 30 | 185 | • |
| DG040 | FLOWMETER FSIV D40 PVC EPDM 200-2500 L/H PVC CLEAR PP FLOAT | d40 | 30 | 185 | • |
| DG042 | FLOWMETER FSIV D63 PVC EPDM 350-3500 L/H PVC CLEAR PP FLOAT | d63 | 30 | 185 | • |
| DG044 | FLOWMETER FSIV D63 PVC EPDM 500-5000 L/H PVC CLEAR PP FLOAT | d63 | 30 | 185 | • |
| DG046 | FLOWMETER FSIV D75 PVC EPDM 1000-8000 L/H PVC CLEAR PP FLOAT | d75 | 30 | 185 | • |
| DG048 | FLOWMETER FSIV D75 PVC EPDM 1000-10000 L/H PVC CLEAR PP FLOAT | d75 | 30 | 185 | • |
| DG050 | FLOWMETER FSIV D75 PVC EPDM 5000-25000 L/H PVC CLEAR PP FLOAT | d75 | 30 | 185 | • |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| EAC | | Commercial, Industrial |

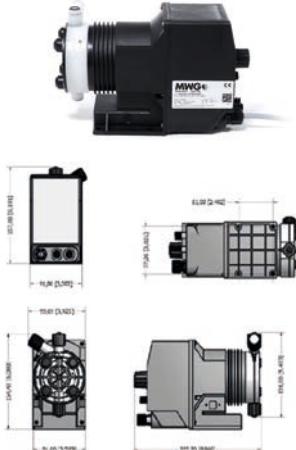
ACCESSORIES: Threaded connections not included, to order separately; - Material not available in stock.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock |
|-------|--|------|--------------|----------------|
| DG061 | BFV THREADED CONNECTION BSP 1/2" PVCU | 30 | 185 | • |
| DG063 | BFV THREADED CONNECTION BSP 3/4" PVCU | 30 | 185 | • |
| DG065 | BFV THREADED CONNECTION BSP 1" PVCU | 30 | 185 | • |
| DG067 | BFV THREADED CONNECTION BSP 1 1/4" PVCU | 30 | 185 | • |
| DG069 | BFV THREADED CONNECTION BSP 2 " PVCU | 30 | 185 | • |
| DG071 | BFV THREADED CONNECTION BSP 2 1/2 " PVCU | 30 | 185 | • |

| Ref | For Flowmeter |
|-------|-----------------------|
| DG061 | DG030 |
| DG063 | DG032 |
| DG065 | DG034 - DG036 |
| DG067 | DG038 - DG040 |
| DG069 | DG042 - DG044 |
| DG071 | DG046 - DG048 - DG050 |



PL Series Metering Pumps Horizontal Mounting



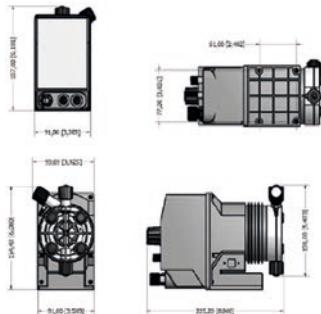
- PL series metering pumps horizontal mounting;
- Constant or proportional feeding, with pulse multiplier or pulse divider, dosage based on a mA signal or a digital signal (from 1 pulse/minute at 180 pulses/minute);
- Microprocessor technology;
- Manual stroke length adjustment;
- Body pump's in PVDF (and o-rings in VITON) or PP (and o-rings in EPDM), with manual venting;
- Black enclosure in PP material;
- Protection class IP65;
- Audible noise 73,4 dB(A);
- Environment temperature 10 ÷ 45°C;
- Chemical temperature 0 ÷ 50°C;
- Power supply 230Vac 50/60hz with European transformer;
- Each pump is shipped with a Kit Assembly, delayed fuse, level probe with axial foot filter (PVDF), 5 bar injection valve (PVDF), PVDF delivery hose (length 2 m), PVC suction hose (length 2 m), discharge hose (length 2 m), input signal cable (length 2,5 m);
- Available also the self-venting version (see the following table).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| DG299 | METERING PUMP HORIZ. PL 1 L/H @18 BAR PVDF OR VITON SELF VENTING | 30 | 170 | • | |
| DG300 | METERING PUMP HORIZONTAL PL 2 L/H @ 18 BAR PVDF W/OR VITON | 30 | 170 | • | |
| DG300A | METERING PUMP HORIZONTAL PL 2 L/H @ 18 BAR PP W/OR EPDM | 30 | 170 | | |
| DG303 | METERING PUMP HORIZ. PL 5,5 L/H @8 BAR PVDF OR VITON SELF VENTING | 30 | 170 | • | |
| DG304 | METERING PUMP HORIZONTAL PL 8 L/H @ 8 BAR PVDF W/OR VITON | 30 | 170 | • | |
| DG304A | METERING PUMP HORIZONTAL PL 8 L/H @ 8 BAR PP W/OR EPDM | 30 | 170 | | |

| Certificates | Manufacturer | Sectors |
|---------------------------|--------------|------------------------|
| NSF50 NSF61 DM174-2004 CE | MWG | Commercial, Industrial |



MF Series Metering Pumps Horizontal Mounting



- MF series metering digital pumps horizontal mounting;
- Microprocessor technology (Constant, Divide, Multiply, PPM, Batch, Volt, mA, %, MLQ), stand-by and flow sensor input, alarm output and level control. Recovery fault mode, work-pause mode and upkeep mode (from 1 pulse/minute at 180 pulses/minute);
- Body pump's in PVDF (and o-rings in VITON) or PP (and o-rings in EPDM), with manual venting;
- Black enclosure in PP material, protection class IP65;
- Audible noise 73,4 dB(A);
- Environment temperature 10 ÷ 45°C, chemical temperature 0 ÷ 50°C;
- Power supply 230Vac 50/60hz with European transformer;
- Each pump is shipped with a Kit Assembly, delayed fuse, level probe with axial foot filter (PVDF), 5 bar injection valve (PVDF), PVDF delivery hose (length 2 m), PVC suction hose (length 2 m), discharge hose (length 2 m), input signal cable (length 2,5 m);
- Available also the self-venting version (see the following table).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| DG309 | METERING PUMP HORIZ. MF 1 L/H @18 BAR PVDF OR VITON SELF VENTING | 30 | 170 | • | |
| DG310 | METERING PUMP HORIZONTAL MF 2 L/H @ 18 BAR PVDF W/OR VITON | 30 | 170 | • | |
| DG310A | METERING PUMP HORIZONTAL MF 2 L/H @ 18 BAR PP W/OR EPDM | 30 | 170 | | |
| DG313 | METERING PUMP HORIZ. MF 5,5 L/H @8 BAR PVDF OR VITON SELF VENTING | 30 | 170 | • | |
| DG314 | METERING PUMP HORIZONTAL MF 8 L/H @ 8 BAR PVDF W/OR VITON | 30 | 170 | • | |
| DG314A | METERING PUMP HORIZONTAL MF 8 L/H @ 8 BAR PP W/OR EPDM | 30 | 170 | | |

| Certificates | Manufacturer | Sectors |
|---------------------------|--------------|------------------------|
| NSF50 NSF61 DM174-2004 CE | MWG | Commercial, Industrial |



MF Series Metering Pumps Vertical Mounting



- MF series metering digital pumps vertical mounting;
- Microprocessor technology (Constant, Divide, Multiply, PPM, Batch, Volt, mA, %, ml/q), with level control. Recovery fault mode, work-pause mode and upkeep mode (from 1 pulse/hour to 180 pulses/minute);
- Body pump's in PVDF (and o-rings in VITON) or PP (and o-rings in EPDM), with manual venting;
- Black enclosure in PP material;
- Protection class IP65;
- Audible noise 70,4 dB(A);
- Environment temperature 10 ÷ 45°C;
- Chemical temperature 0 ÷ 50°C;
- Power supply 230Vac 50/60hz with European transformer;
- Each pump is shipped with a Kit Assembly, delayed fuse, level probe with axial foot filter (PVDF), 5 bar injection valve (PVDF), PVDF delivery hose (length 2 m), PVC suction hose (length 2 m), discharge hose (length 2 m), input signal cable (length 2,5 m);
- Available also the self-venting version (see the following table).

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------|---|------|--------------|----------------|--|
| DG319 | METERING PUMP VERTICAL. MF 1 L/H @15 BAR PVDF OR VITON SELF VENTING | 30 | 170 | • | |
| DG320 | METERING PUMP VERTICAL MF 2 L/H @ 15 BAR PVDF W/OR VITON | 30 | 170 | • | |
| DG320A | METERING PUMP VERTICAL MF 2 L/H @ 15 BAR PP W/OR EPDM | 30 | 170 | | |
| DG323 | METERING PUMP VERTICAL. MF 4 L/H @7 BAR PVDF OR VITON SELF VENTING | 30 | 170 | • | |
| DG324 | METERING PUMP VERTICAL MF 6 L/H @ 7 BAR IN PVDF W/OR VITON | 30 | 170 | • | |
| DG324A | METERING PUMP VERTICAL MF 6 L/H @ 7 BAR IN PP W/OR EPDM | 30 | 170 | | |

| Certificates | Manufacturer | Sectors |
|---------------------------|--------------|------------------------|
| NSF50 NSF61 DM174-2004 CE | MWG | Commercial, Industrial |



CL Series Metering Pumps Vertical Mounting



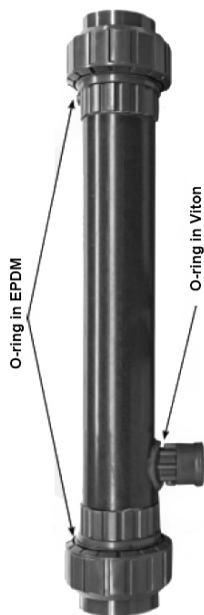
- CL series metering pumps vertical mounting;
- Microprocessor technology; constant pump with level control, flow rate control and 0-10% divider (from 1 pulse/minute at 180 pulses/minute);
- Body pump's in PVDF (and o-rings in VITON) or PP (and o-rings in EPDM), with manual venting;
- Black enclosure in PP material;
- Protection class IP65;
- Audible noise 74 dB(A);
- Environment temperature 10 ÷ 45°C;
- Chemical temperature 0 ÷ 50°C;
- Power supply 230Vac 50/60hz with European transformer;
- Each pump is shipped with a Kit Assembly, delayed fuse, level probe with axial foot filter (PVDF), 5 bar injection valve (PVDF), PVDF delivery hose (length 2 m), PVC suction hose (length 2 m), discharge hose (length 2 m), input signal cable (length 2,5 m);
- Available also the self-venting version (see the following table).

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------|---|------|--------------|----------------|--|
| DG329 | METERING PUMP VERTIC. CL 1 L/H @15 BAR PVDF OR VITON SELF VENTING | 30 | 170 | • | |
| DG330 | METERING PUMP VERTICAL CL 2 L/H @ 15 BAR PVDF W/OR VITON | 30 | 170 | • | |
| DG330A | METERING PUMP VERTICAL CL 2 L/H @ 15 BAR PP W/OR EPDM | 30 | 170 | | |
| DG333 | METERING PUMP VERTIC. CL 4 L/H @7 BAR PVDF OR VITON SELF VENTING | 30 | 170 | • | |
| DG334 | METERING PUMP VERTICAL CL 6 L/H @ 7 BAR PVDF W/OR VITON | 30 | 170 | • | |
| DG334A | METERING PUMP VERTICAL CL 6 L/H @ 7 BAR PP W/OR EPDM | 30 | 170 | | |

| Certificates | Manufacturer | Sectors |
|---------------------------|--------------|------------------------|
| NSF50 NSF61 DM174-2004 CE | MWG | Commercial, Industrial |



Metering Pumps Accessories



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| DG452 | PVDF TUBE 6X4 ROLL L=5 M | 30 | 170 | • | |
| DG453 | PVC TUBE 6X4 ROLL L=100 M | 30 | 170 | • | |
| DG454 | PE TUBE 6X4 ROLL L=100 M | 30 | 170 | • | |
| DG460 | MAINTENANCE KIT ASSY METERING PUMP HORIZONTAL PVDF -ORING VITON | 30 | 170 | • | |
| DG460A | MAINTENANCE KIT ASSY METERING PUMP HORIZ. PVDF W/OR VITON SELF-VENTING | 30 | 170 | • | |
| DG461 | MAINTENANCE KIT ASSY METERING PUMP HORIZONTAL PVDF -ORING EPDM | 30 | 170 | | |
| DG461A | MAINTENANCE KIT ASSY METERING PUMP HORIZ. PVDF W/OR EPDM SELF-VENTING | 30 | 170 | | |
| DG462 | MAINTENANCE KIT ASSY METERING PUMP VERTICAL PVDF -ORING VITON | 30 | 170 | • | |
| DG462A | MAINTENANCE KIT ASSY METERING PUMP VERT. PVDF W/OR VITON SELF-VENTING | 30 | 170 | • | |
| DG463 | MAINTENANCE KIT ASSY METERING PUMP VERTICAL PVDF -ORING EPDM | 30 | 170 | | |
| DG463A | MAINTENANCE KIT ASSY METERING PUMP VERT. PVDF W/OR EPDM SELF-VENTING | 30 | 170 | | |
| DG399 | LEVEL PROBE WITH AXIAL FOOT FILTER | 30 | 170 | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| | MWG | Commercial, Industrial |

Metering Pumps Accessories

STATIC MIXERS

- PVC-U static mixer filled with PP mixing elements;
- With injection valve 1/2" - 4x6 0,3 bar.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---------------------|------|----------|-------------|--|
| DG470 | STATIC MIXER 1 1/4" | 30 | 170 | • | |
| DG472 | STATIC MIXER 1 1/2" | 30 | 170 | • | |
| DG473 | STATIC MIXER 2" | 30 | 170 | • | |

| Ref | Inspectable | Fitting |
|-------|-------------|---------|
| DG470 | Yes | 1 1/4 " |
| DG472 | Yes | 1 1/2 " |
| DG473 | Yes | 2" |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| | MWG | Commercial, Industrial |

Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|------------------------------------|------|----------|-------------|--|
| DG450 | MOUNTING BRACKET FOR VERTICAL PUMP | 30 | 170 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|---------|
| | | |



Metering Pumps Accessories

Turbine pulse emitter water meter



- Threaded pulse emitter water meter for cold and hot water, single (mod. 15 - 20 - 25 - 30 40) and multiple (mod. 50) jet counter with wet or dry dial;
- Thread sizes range: from $\frac{1}{2}$ " to 2";
- Brass case and head (except for 50 mm 2" model with cast iron case and head);
- Range temperature = $4 \div 30^{\circ}\text{C}$;
- Max operating pressure = 16 bar;
- Constant K = 4 pulses/liter;
- 2m cable length (RG58), equipped with BNC connector;
- Reed contact with 109 closing operations;
- Max voltage 250 VAC, 200 VDC;
- Max current 1 A;
- Max power 10 VA.

| Ref | Description | Gauge (Inch) | Fam. | Subfa m. | Disp. Stock | |
|-------|--|----------------|------|----------|-------------|--|
| DG480 | TURBINE PULSE EMITTER WATER METER W/WET DIAL 15 MM | $\frac{1}{2}$ | 30 | 170 | • | |
| DG481 | TURBINE PULSE EMITTER WATER METER W/WET DIAL 20 MM | $\frac{3}{4}$ | 30 | 170 | • | |
| DG482 | TURBINE PULSE EMITTER WATER METER W/WET DIAL 25 MM | 1 | 30 | 170 | • | |
| DG483 | TURBINE PULSE EMITTER WATER METER W/WET DIAL 30 MM | $1\frac{1}{4}$ | 30 | 170 | • | |
| DG484 | TURBINE PULSE EMITTER WATER METER W/WET DIAL 40 MM | $1\frac{1}{2}$ | 30 | 170 | • | |
| DG485 | TURBINE PULSE EMITTER WATER METER W/WET DIAL 50 MM | 2 | 30 | 170 | • | |
| DG490 | TURBINE PULSE EMITTER WATER METER W/DRY DIAL 15 MM | $\frac{1}{2}$ | 30 | 170 | | |
| DG491 | TURBINE PULSE EMITTER WATER METER W/DRY DIAL 20 MM | $\frac{3}{4}$ | 30 | 170 | | |
| DG492 | TURBINE PULSE EMITTER WATER METER W/DRY DIAL 25 MM | 1 | 30 | 170 | | |
| DG493 | TURBINE PULSE EMITTER WATER METER W/DRY DIAL 30 MM | $1\frac{1}{4}$ | 30 | 170 | | |
| DG494 | TURBINE PULSE EMITTER WATER METER W/DRY DIAL 40 MM | $1\frac{1}{2}$ | 30 | 170 | | |
| DG495 | TURBINE PULSE EMITTER WATER METER W/DRY DIAL 50 MM | 2 | 30 | 170 | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| | MWG | Commercial, Industrial |

Accessories

- KDPV Kit, Signal Splitter.



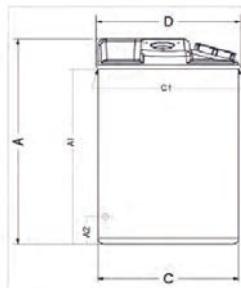
| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-------------|------|----------|-------------|--|
| DG467 | KDPV KIT | 30 | 170 | • | |

TURBINE PULSE EMITTER WATER METER

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| | MWG | Commercial, Industrial |



Dosing Systems



- Suitable to be assembled with dosing pumps on catalogue;
- Each dosing system consisting in:
- nr.1 tank in polyethylene (HDPE) for chemical mixing;
- nr.1 suction lances with o-ring in VITON (optional in EPDM);
- nr.1 manual stirrer;
- All dosing station components assembled on are enclosed into tank diameter;
- Stirrers screwed on thread metal insert are tilted for better central mixing;
- Stainless Steel (AISI 316) fixing screws with rubber cap;
- With level indicator;
- Tanks can be assembled with:
- -nr.1 metering pump (not included in the dosing system);
- -nr.1 manual stirrer;
- -nr.1 feed water valve;
- -nr.1 outgassing pump hose;
- -nr.1 outgassing valve (on the higher top side);
- -nr.1 bleed water valve (on the lower side);
- -nr.1 suction lance;
- Range temperature = 4 ÷ 40°C;
- On demand are available safety bunds.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------|--|------|--------------|----------------|--|
| DG400 | DOSING SYSTEM ASSEMBLY 50 LITERS W/OR VITON | 30 | 170 | • | |
| DG400A | DOSING SYSTEM ASSEMBLY 50 LITERS W/OR EPDM | 30 | 170 | | |
| DG402 | DOSING SYSTEM ASSEMBLY 120 LITERS W/OR VITON | 30 | 170 | • | |
| DG402A | DOSING SYSTEM ASSEMBLY 120 LITERS W/OR EPDM | 30 | 170 | | |
| DG404 | DOSING SYSTEM ASSEMBLY 250 LITERS W/OR VITON | 30 | 170 | • | |
| DG404A | DOSING SYSTEM ASSEMBLY 250 LITERS W/OR EPDM | 30 | 170 | | |

| Ref | A (mm) | A1-Feed water valve height (mm) | C (mm) | C1 (mm) | D (mm) | Feed water (mm) |
|--------|--------|---------------------------------|--------|---------|--------|-----------------|
| DG400 | 505 | 425 | 420 | 420 | 420 | 95 |
| DG400A | 505 | 425 | 420 | 420 | 420 | 95 |
| DG402 | 735 | 650 | 475 | 485 | 495 | 650 |
| DG402A | 735 | 650 | 475 | 485 | 495 | 650 |
| DG404 | 850 | 780 | 610 | 610 | 610 | 120 |
| DG404A | 850 | 780 | 610 | 610 | 610 | 120 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| | MWG | Commercial, Industrial |



Dosing Systems Spare Parts



Suction lances for dosing system

- For pumps up to 10 l/h;
- Level switch;
- Foot valve and foot filter;
- Adjustable height;
- 1 ½" pipe fitting;
- Lateral output (½" fitting);
- PVC body.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|-----------------------------------|------|----------|-------------|--|
| DG430 | SUCTION LANCE L=63 CM W/OR VITON | 30 | 170 | • | |
| DG430A | SUCTION LANCE L=63 CM W/OR EPDM | 30 | 170 | | |
| DG434 | SUCTION LANCE L=108 CM W/OR VITON | 30 | 170 | • | |
| DG434A | SUCTION LANCE L=108 CM W/OR EPDM | 30 | 170 | | |

| Ref | Dosing system | A (mm) | B (mm) |
|--------|-----------------|--------|--------|
| DG430 | DG400 - DG402 | 630 | 740 |
| DG430A | DG400A - DG402A | 630 | 740 |
| DG434 | DG404 | 1080 | 1190 |
| DG434A | DG404A | 1080 | 1190 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| | MWG | Commercial, Industrial |

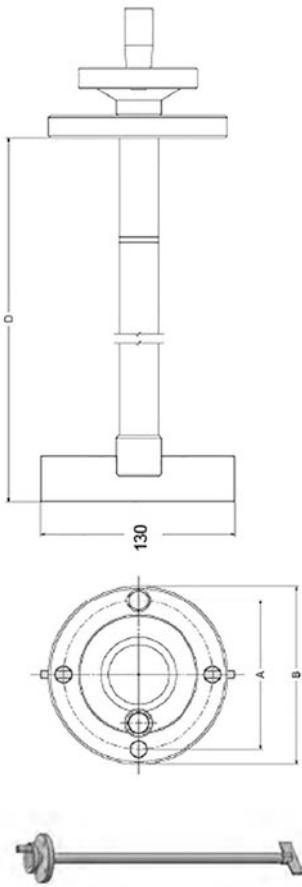
Manual stirrer for dosing system

- PVC-U shaft;
- 2-blade impeller;
- Impeller diameter = 130 mm
- Holes diameter = 8,5 mm.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|----------------------|------|----------|-------------|--|
| DG440 | MANUAL MIXER H=45 CM | 30 | 170 | • | |
| DG442 | MANUAL MIXER H=65 CM | 30 | 170 | • | |
| DG444 | MANUAL MIXER H=77 CM | 30 | 170 | • | |

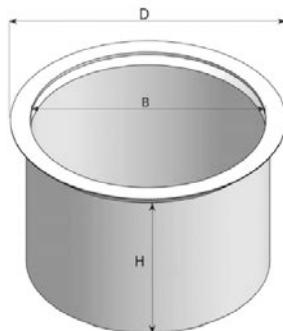
| Ref | Dosing system | A (mm) | Ø B (mm) | D (mm) | Holes number and position |
|-------|---------------|--------|----------|--------|---------------------------|
| DG440 | DG400 DG400A | 100 | 120 | 450 | 4 at 90° |
| DG442 | DG402 DG402A | 125 | 145 | 650 | 3 at 120° |
| DG444 | DG404 DG404A | 125 | 145 | 770 | 3 at 120° |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| | MWG | Commercial, Industrial |





Dosing System Accessories



Safety bunds

- Material in polyethylene (HDPE), with reinforced collar for increasing security;
- Range temperature = 4 ÷ 40°C.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| DG410 | SAFETY BUND FOR DOSING SYSTEM 50 LITERS | 30 | 170 | | |
| DG412 | SAFETY BUND FOR DOSING SYSTEM 120 LITERS | 30 | 170 | | |
| DG414 | SAFETY BUND FOR DOSING SYSTEM 250 LITERS | 30 | 170 | | |

| Ref | Volume (liters) | B (mm) | D (mm) | H (mm) |
|-------|-----------------|--------|--------|--------|
| DG410 | 60 | 430 | 510 | 425 |
| DG412 | 120 | 520 | 545 | 615 |
| DG414 | 300 | 660 | 695 | 875 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| | MWG | Commercial, Industrial |

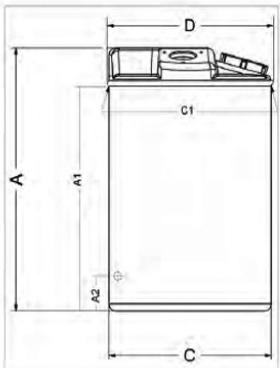
Dosing Systems Spare Parts



Tank for chemical

- Material in polyethylene (HDPE), suitable for chemical mixing;
- Tanks can be assembled with:
 - nr.1 metering pump (not included in the dosing system);
 - nr.1 manual stirrer;
 - nr.1 feed water valve;
 - nr.1 outgassing pump hose;
 - nr.1 outgassing valve (on the higher top side);
 - nr.1 bleed water valve (on the lower side);
 - nr.1 suction lance;
- Range temperature = 4 ÷ 40°C.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|----------------------------|------|----------|-------------|--|
| DG420 | SPARE CONTAINER 50 LITERS | 30 | 170 | • | |
| DG422 | SPARE CONTAINER 120 LITERS | 30 | 170 | • | |
| DG424 | SPARE CONTAINER 250 LITERS | 30 | 170 | • | |



| Ref | Volume (litres) | A (mm) | A1 Feed water valve height (mm) | C (mm) | C1 (mm) | D (mm) |
|-------|-----------------|--------|---------------------------------|--------|---------|--------|
| DG420 | 95 | 505 | 425 | 420 | 420 | 420 |
| DG422 | 650 | 735 | 650 | 475 | 485 | 495 |
| DG424 | 120 | 850 | 780 | 610 | 610 | 610 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| | MWG | Commercial, Industrial |



WATER TREATMENT COMPONENTS

A dark grey square containing the letters "UV" in a white, bold, sans-serif font.

MWG
UV sterilizers
and spare parts

Residential U.V. Sterilizers Inox



- Monolamp U.V. sterilizer of close construction in AISI 304 polished material for point-of-use treatment devices;
- Complete with n.2 diameter 2" fixing clips and with n.2 JACO 1/4" elbows;
- Power box with electronic circuit, cable and plug;
- Failure led and alarm system;
- Lamp quartz sheath;
- Max operating pressure 7 bar;
- Temperature 2 ± 40°C;
- Power supply 230 V - 50 Hz;
- Irradiation > 30 mJ/cm²;
- Lamp life 8.000 hours;
- Protection class IP42;
- Horizontal installation (only HA300 can be installed in vertical position).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| HA300 | UV STERILIZER HR-60 220V-50HZ 1/4" BSP M | 55 | 250 | • | |
| HA302 | UV SERILIZER PC-1 10WATT 220V-50HZ -1/4" BSP M | 55 | 250 | • | |

| Ref | Max flow (l/h) | Power (w) | Connections | Diameter (mm) | Length (mm) |
|-------|----------------|-----------|-------------|---------------|-------------|
| HA300 | 240 | 10 | 1/4" BSP M | 50,8 | 260 |
| HA302 | 240 | 10 | 1/4" BSP M | 50,8 | 268 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------------|--------------|----------|
| DM174-2004, ACS, CE | MWG | Domestic |

Residential U.V. Sterilizers W Series



- To be used for residential water disinfection systems;
- Monolamp U.V. sterilizer of close construction in AISI 304 polished material;
- Power box with electronic circuit, cable and plug;
- Failure led and alarm system;
- Lamp quartz sheath;
- Max operating pressure 7 bar;
- Temperature 2 ± 40°C;
- Power supply 230 V - 50 Hz;
- Irradiation > 30 mJ/cm²;
- Lamp life 10.000 hours;
- Protection class IP42;
- Horizontal installation.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| HA310 | UV STERILIZER W-180 220V-50HZ 15W - 1/2" BSP M | 55 | 250 | • | |
| HA315 | UV STERILAZER W-360 220V-50HZ 21W-1/2" BSP M | 55 | 250 | • | |
| HA320 | UV STERILIZER W-80 220V-50HZ 29W-1/2" BSP M | 55 | 250 | • | |
| HA325 | UV STERILIZER W-720 220V-50HZ 40W - 3/4" BSP M | 55 | 250 | • | |

| Ref | Max flow (l/h) | N. Lamps | Power (w) | Diameter (mm) | Lenght (mm) |
|-------|----------------|----------|-----------|---------------|-------------|
| HA310 | 680 | 1 | 15 | 63,5 | 364 |
| HA315 | 1360 | 1 | 21 | 63,5 | 544 |
| HA320 | 1810 | 1 | 29 | 63,5 | 694 |
| HA325 | 2720 | 1 | 40 | 63,5 | 924 |

| Certificates | Manufacturer | Sectors |
|---------------------|--------------|----------|
| DM174-2004, ACS, CE | MWG | Domestic |

Industrial U.V. Sterilizers FC Series



- To be used for commercial and industrial water disinfection systems;
- Monolamp U.V. sterilizer with polished AISI 304 sterilizing chamber (option in AISI 316L not available in stock) with inspection window and drain connection;
- Electric box with electronic circuit, connection cable, operating time meter and switch;
- Operating and failure led, with alarm system (excepted models FC-35 and FC-45);
- Lamp quartz sheath;
- Max operating pressure 7 bar, temperature 2 \pm 40°C;
- Power supply 230 V - 50 Hz, irradiation > 40 mJ/cm², lamp life 10.000 hours;
- Protection class IP43;
- Possibility of connection with shut down solenoid valve (only for models FC-35 and FC-45);
- Horizontal installation.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|-------------|----------------|--|
| HA350 | UV STERILIZER FC-8 220V-50HZ 29W - 3/4" BSP M | 55 | 251 | • | |
| HA350A | UV STERILIZER FC-8 220V-50HZ 29W-3/4" BSP M 316L | 55 | 251 | | |
| HA355 | UV STERILIZER FC-12 220V-50HZ 40W - 1" BSP M | 55 | 251 | • | |
| HA355A | UV STERILIZER FC-12 220V-50HZ 40W - 1" BSP M 316L | 55 | 251 | | |
| HA360 | UV STERILIZER FC-15 220V-50HZ 65W - 1" BSP M | 55 | 251 | • | |
| HA360A | UV STERILIZER FC-15 220V-50HZ 65W - 1" BSP M 316L | 55 | 251 | | |
| HA365 | UV STERILIZER FC-20 220V-50HZ 65W-1 1/2" BSP M | 55 | 251 | • | |
| HA365A | UV STERILIZER FC-20 220V-50HZ 65W-1 1/2" BSP M 316L | 55 | 251 | | |
| HA370 | UV STERILIZER FC-24 220V-50HZ 80W - 1 1/2" BSPM | 55 | 251 | • | |
| HA370A | UV STERILIZER FC-24 220V-50HZ 80W - 1 1/2" BSPM 316L | 55 | 251 | | |
| HA375 | UV SERILIZER FC-35 220V-50HZ 100W-2" BSP M | 55 | 251 | • | |
| HA375A | UV STERILIZER FC-35 220V-50HZ 100W - 2"BSP M 316L | 55 | 251 | | |
| HA380 | UV STERILIZER FC-45 220V-50HZ 120W - 2" BSP M | 55 | 251 | • | |
| HA380A | UV STERILIZER FC-45 220V-50HZ 120W-2" BSP M AISI 316L | 55 | 251 | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------------------|
| DM174-2004 CE | MWG | Commercial, Industrial |

Industrial Flanged Multilamp U.V. Sterilizers FC-D Series



- To be used for industrial water disinfection systems;
- Multilamp U.V. sterilizer with polished AISI 304 sterilizing chamber (option in AISI 316L not available in stock) with inspection window and drain connection;
- Electric box with electronic circuit, connection cable, operating time meter and switch;
- Operating and service/failure led;
- Lamp quartz sheath;
- Max operating pressure 7 bar;
- Temperature 2 \div 40°C;
- Power supply 230 V - 50 Hz;
- Irradiation > 40 mJ/cm²;
- Lamp life 10.000 hours;
- Protection class IP43;
- Possibility of connection with
- Shut down solenoid valve;
- Horizontal installation.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|-------------|----------------|--|
| HA400 | UV STERILIZER FC-70D 220V-50HZ 2x100W - DN50 | 55 | 252 | • | |
| HA400A | UV STERILIZER FC-70D 220V-50HZ 2x100W - DN50 316L | 55 | 252 | | |
| HA410 | UV STERILIZER FC-120D 220V-50HZ 3x120W - DN65 | 55 | 252 | • | |
| HA410A | UV STERILIZER FC-120D 220V-50HZ 3x120W - DN65 316L | 55 | 252 | | |
| HA420 | UV STERILIZER FC-180D 220V-50HZ 5x120W - DN80 | 55 | 252 | • | |
| HA420A | UV STERILIZER FC-180D 220V-50HZ 5x120W-DN80 316L | 55 | 252 | | |
| HA430 | UV STERILIZER FC-250D 220V-50HZ 7x120W - DN100 | 55 | 252 | • | |
| HA430A | UV STERILIZER FC-250D 220V-50HZ 7x120W - DN100 316L | 55 | 252 | | |

| Ref | AISI | Max flow (l/h) | N. Lamps | Power (w) | Connect. | Diameter (mm) | Lenght (mm) |
|--------|------|----------------|----------|-----------|------------------|---------------|-------------|
| HA400 | 304 | 15.900 | 2 | 200 | DN50 Flangiated | 220 | 1.250 |
| HA400A | 316L | 15.900 | 2 | 200 | DN50 Flangiated | 220 | 1.250 |
| HA410 | 304 | 27.250 | 3 | 360 | DN65 Flangiated | 273 | 1.250 |
| HA410A | 316L | 27.250 | 3 | 360 | DN65 Flangiated | 273 | 1.250 |
| HA420 | 304 | 40.880 | 5 | 600 | DN80 Flangiated | 323 | 1.250 |
| HA420A | 316L | 40.880 | 5 | 600 | DN80 Flangiated | 323 | 1.250 |
| HA430 | 304 | 56.780 | 7 | 840 | DN100 Flangiated | 400 | 1.250 |
| HA430A | 316L | 56.780 | 7 | 840 | DN100 Flangiated | 400 | 1.250 |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |

U.V. Sterilizers HR - PC - W - FC - FC/D Spare Parts

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| HA500 | UV LAMP - T5L10W D=18 L=219 MM | 55 | 255 | • | |
| HA502 | UV LAMP - T5L15W D=18 L=310 MM | 55 | 255 | • | |
| HA504 | UV LAMP - T5L21W D=18 L=444 MM | 55 | 255 | • | |
| HA506 | UV LAMP - T5L29W D=18 L=630 MM | 55 | 255 | • | |
| HA508 | UV LAMP - T5L40W D=18 L=850 MM | 55 | 255 | • | |
| HA510 | UV LAMP - T5L65W D=18 L=850 MM | 55 | 255 | • | |
| HA512 | UV LAMP - T5L85W D=23 L=850 MM | 55 | 255 | • | |
| HA514 | UV LAMP - T6L100W D=23 L=1160 MM | 55 | 255 | • | |
| HA516 | UV LAMP - T6L120W D=18 L=1150 MM | 55 | 255 | • | |
| HA530 | QUARZ FOR UV LAMP - T5L10W D.24,5 X L. 250 MM ONE OPEN END | 55 | 255 | • | |
| HA531 | QUARZ FOR UV LAMP - T5L10W D.24,5 X L. 250 MM | 55 | 255 | • | |
| HA532 | QUARZ FOR UV LAMP - T5L15W D.24,5 X L.350 MM | 55 | 255 | • | |
| HA534 | QUARZ FOR UV LAMP - T5L21W D.24,5 X L.530 MM | 55 | 255 | • | |
| HA536 | QUARZ FOR UV LAMP - T5L29W D.24,5 X L.680 MM | 55 | 255 | • | |
| HA538 | QUARZ FOR UV LAMP - T5L40-65W D.24,5 X L.910 MM | 55 | 255 | • | |
| HA540 | QUARZ FOR UV LAMP - T6L80W D.30,0 X L.910 MM | 55 | 255 | • | |
| HA542 | QUARZ FOR UV LAMP - T6L100-120W D.30,0 X L.1205 MM | 55 | 255 | • | |
| HA550 | SILICONE O-RING FOR QUARTZ SHEATH D.24,5 MM | 55 | 255 | • | |
| HA550A | VITON O-RING FOR QUARTZ SHEATH D. 24,5 MM | 55 | 255 | • | |
| HA552A | VITON O-RING FOR QUARTZ SHEATH D. 30,0 MM | 55 | 255 | • | |
| HA560 | ELECTRONIC BALLAST UVC-1021,230V 50-60HZ FOR LAMP 10-21W | 55 | 255 | • | |
| HA562 | ELECTRONIC BALLAST UVC-2040,230V 50-60HZ FOR LAMP 29- 40W | 55 | 255 | • | |
| HA563 | ELECTRONIC BALLAST UVC-2040,230V 50-60HZ INSIDE Q.E. FOR LAMP 29-40W | 55 | 255 | • | |
| HA564 | ELECTRONIC BALLAST UVC-6585,230V 50-60HZ INSIDE Q.E. FOR LAMP 65-80W | 55 | 255 | • | |
| HA566 | ELECTRONIC BALLAST UV12 100-240 V/50HZ 90-155W SINGLE-LAMP | 55 | 255 | • | |
| HA570 | COMPLETE CONTROL BOX FC-8-12 | 55 | 255 | • | |
| HA572 | COMPLETE CONTROL BOX FC-15-20-24 | 55 | 255 | • | |
| HA574 | COMPLETE COMTROL BOX FC-35/45 | 55 | 255 | • | |
| HA576 | COMPLETE CONTROL BOX FC-70D | 55 | 255 | • | |
| HA577 | COMPLETE CONTROL BOX FC-120D | 55 | 255 | • | |
| HA578 | COMPLETE CONTROL BOX FC-180D | 55 | 255 | • | |
| HA579 | COMPLETE CONTROL BOX FC-250D | 55 | 255 | • | |
| HA588 | QUADRIPIN CABLE FOR UV LAMP FC AND FC-D SERIES | 55 | 255 | | |

U.V. Sterilizers HR - PC - W - FC - FC/D Spare Parts

| Ref | Sterilizers UV |
|--------|--|
| HA500 | HR-60 PC-1 |
| HA502 | W-180 |
| HA504 | W-360 |
| HA506 | W-480 FC-8 |
| HA508 | W-720 FC-12 |
| HA510 | FC-15 FC-20 |
| HA512 | FC-24 |
| HA514 | FC-35 2x FC-70D |
| HA516 | FC-35 3x FC-120D 5x FC-180D 7x FC-250D |
| HA530 | HR-60 |
| HA531 | PC-1 |
| HA532 | W-180 |
| HA534 | W-360 |
| HA536 | W-480 FC-8 |
| HA538 | W-720 FC-20 FC-15 |
| HA540 | FC-20 FC-24 |
| HA542 | FC-35 FC-45 2x FC-70D 3x FC-120D 5x FC-180D 7x FC-250D |
| HA550 | HR-60 PC-1 W-180 W-360 W-480 W-720 |
| HA550A | FC-8 FC-12 FC-15 |
| HA552A | FC-20 FC-24 FC-35 FC-45 FC-70D FC-120D FC-180D FC-250D |
| HA560 | HR-60 PC-1 W-180 W-360 |
| HA562 | W-480 W-720 |
| HA563 | FC-8 FC-12 |
| HA564 | FC-15 FC-20 FC-24 |
| HA566 | FC-35 FC-45 FC-70D FC-120D FC-180D FC-250D |
| HA570 | FC-8 FC-12 |
| HA572 | FC-15 FC-20 FC-24 |
| HA574 | FC-35 FC-45 |
| HA576 | FC-70D |
| HA577 | FC-120D |
| HA578 | FC-180D |
| HA579 | FC-250D |

Old U.V. Sterilizers Spare Parts

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| HA055 | UV LAMP 6 WATT | 55 | 255 | | |
| HA049 | UV LAMP 6 WATT 2+2 PIN | 55 | 255 | | |
| HA051 | UV LAMP 12 WATT | 55 | 255 | • | |
| HA052 | UV LAMP 16 WATT | 55 | 255 | • | |
| HA053 | UV LAMP 30 WATT | 55 | 255 | • | |
| HA054 | UV LAMP 40 WATT | 55 | 255 | • | |
| HA056 | UV LAMP 80 WATT | 55 | 255 | • | |
| HA067 | QUARZ FOR UV LAMP 6 WATT INOX | 55 | 255 | | |
| HA060 | QUARZ FOR UV LAMP 10 WATT | 55 | 255 | • | |
| HA061 | QUARZ FOR UV LAMP 12 WATT | 55 | 255 | • | |
| HA062 | QUARZ FOR UV LAMP 16 WATT | 55 | 255 | • | |
| HA063 | QUARZ FOR UV LAMP 30 WATT | 55 | 255 | • | |
| HA064 | QUARZ FOR UV LAMP 40 W E 80 W | 55 | 255 | • | |
| HA074 | O-RING FOR QUARTZ FOR UV LAMP 40-80 WATT | 55 | 255 | • | |
| HA069 | BALLAST 220V/50HZ DEBATT. UV-6W | 55 | 255 | | |
| HA070 | UV 12 - UV 16 STERILIZER TRANSFORMER | 55 | 255 | | |
| HA073 | POWER ELECTRICAL BOARD FOR UV 30 - 40 - 240 - 340 | 55 | 255 | | |
| HA073A | POWER ELECTRICAL BOARD FOR UV 440-540 | 55 | 255 | | |

Industrial U.V. Sterilizers in HDPE

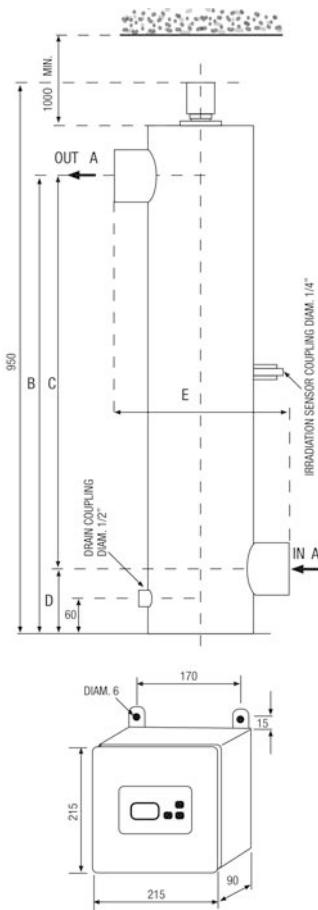
- Made in European Union (Italy);
- To be used for industrial water disinfection systems;
- With reactor in HDPE (suitable for sea water applications), available on demand with sensor;
- Electric box with electronic circuit, connection cable, operating time meter and switch;
- Operating and failure led;
- With lamp quartz sheath;
- Available on request with UL certificate (for USA and Canada);
- Conform with Norwegian Restrictive Quality Certification for drinking water in Norway;
- Conform with a Norwegian certification of National Veterinary Institute, which gives the leading rules applied world wide in the sector of the fish farm;
- Max operating pressure 6 bar (4 bar for HA830 and HA832);
- UVC transmittance 99% - 1cm, UVC dose 400 J/m² ;
- Power supply 230 V - 50/60 Hz; Reactor protection class IP65;
- Control panel protection class IP54 (IP55 for models less than 15 m³/h);
- Possibility of connection with shut down solenoid valve;
- Optional cleaning system.
- Temperature: 5 ± 35°C;
- ↑ From bottom to top. ↔ Both directions.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|-------------|----------------|--|
| HA800N | UV STERILIZER UV IN HDPE 3 M3/H | 55 | 254 | | |
| HA800 | UV STERILIZER IN HDPE 3 M3/H WITH DOSING SENSOR | 55 | 254 | | |
| HA802N | UV STERILIZER IN HDPE 5 M3/H | 55 | 254 | | |
| HA802 | UV STERILIZER IN HDPE 5 M3/H WITH SENSOR | 55 | 254 | | |
| HA804N | UV STERILIZER IN HDPE 8 M3/H | 55 | 254 | | |
| HA804 | UV STERILIZER IN HDPE 8 M3/H WITH SENSOR | 55 | 254 | | |
| HA806N | UV STERILIZER IN HDPE 15 M3/H | 55 | 254 | | |
| HA806 | UV STERILIZER IN HDPE 15 M3/H WITH SENSOR | 55 | 254 | | |
| HA808 | UV STERILIZER IN HDPE 22 M3/H WITH SENSOR | 55 | 254 | | |
| HA810 | UV STERILIZER IN HDPE 35 M3/H WITH SENSOR | 55 | 254 | | |
| HA812 | UV STERILIZER IN HDPE 45 M3/H WITH SENSOR | 55 | 254 | | |
| HA814 | UV STERILIZER IN HDPE 61 M3/H WITH SENSOR | 55 | 254 | | |
| HA816 | UV STERILIZER IN HDPE 90 M3/H WITH SENSOR | 55 | 254 | | |
| HA818 | UV STERILIZER IN HDPE 110 M3/H WITH SENSOR | 55 | 254 | | |
| HA820 | UV STERILIZER IN HDPE 150 M3/H WITH SENSOR | 55 | 254 | | |
| HA822 | UV STERILIZER IN HDPE 250 M3/H WITH SENSOR | 55 | 254 | | |
| HA824 | UV STERILIZER IN HDPE 340 M3/H WITH SENSOR | 55 | 254 | | |
| HA826 | UV STERILIZER IN HDPE 470 M3/H WITH SENSOR | 55 | 254 | | |
| HA828 | UV STERILIZER IN HDPE 600 M3/H WITH SENSOR | 55 | 254 | | |
| HA830 | UV STERILIZER IN HDPE 830 M3/H WITH SENSOR | 55 | 254 | | |
| HA832 | UV STERILIZER IN HDPE 980 M3/H WITH SENSOR | 55 | 254 | | |

| Ref | Total consumption (w) | N°Lamps | Lamp power (w) | Life span lamps | In/Out connections | Mounting | Flow direction |
|--------|-----------------------|---------|----------------|-----------------|--------------------|----------|----------------|
| HA800N | 40 | 1 | 40 | 9.000 | 1½" F | Vert. | ↑ |
| HA800 | 40 | 1 | 40 | 9.000 | 1½" F | Vert. | ↑ |
| HA802N | 80 | 1 | 80 | 9.000 | 1½" F | Vert. | ↑ |
| HA802 | 80 | 1 | 80 | 9.000 | 1½" F | Vert. | ↑ |
| HA804N | 80 | 2 | 40 | 9.000 | 2½" F | Vert. | ↑ |
| HA804 | 80 | 2 | 40 | 9.000 | 2½" F | Vert. | ↑ |
| HA806N | 160 | 2 | 80 | 9.000 | 2½" F | Vert. | ↑ |
| HA806 | 160 | 2 | 80 | 9.000 | 2½" F | Vert. | ↑ |
| HA808 | 260 | 3 | 80 | 9.000 | DN65 | Vert. | ↑ |
| HA810 | 335 | 4 | 80 | 9.000 | DN80 | Vert. | ↑ |
| HA812 | 440 | 5 | 80 | 9.000 | DN100 | Vert. | ↑ |
| HA814 | 440 | 2 | 200 | 12.000 | DN100 | Vert. | ↑ |
| HA816 | 660 | 3 | 200 | 12.000 | DN100 | Orizz. | ↔ |
| HA818 | 880 | 2 | 400 | 16.000 | DN150 | Orizz. | ↔ |
| HA820 | 1300 | 3 | 400 | 16.000 | DN200 | Orizz. | ↔ |
| HA822 | 1760 | 4 | 400 | 16.000 | DN250 | Orizz. | ↔ |
| HA824 | 2180 | 5 | 400 | 16.000 | DN250 | Orizz. | ↔ |
| HA826 | 3100 | 7 | 400 | 16.000 | DN300 | Orizz. | ↔ |
| HA828 | 3500 | 8 | 400 | 16.000 | DN350 | Orizz. | ↔ |
| HA830 | 4400 | 10 | 400 | 16.000 | DN400 | Orizz. | ↔ |
| HA832 | 5300 | 12 | 400 | 16.000 | DN450 | Orizz. | ↔ |

| Certificates | Manufacturer | Sectors |
|--------------------|--------------|------------|
| DM174-2004 CE, EAC | MWG | Industrial |

Industrial U.V. Sterilizers in HDPE

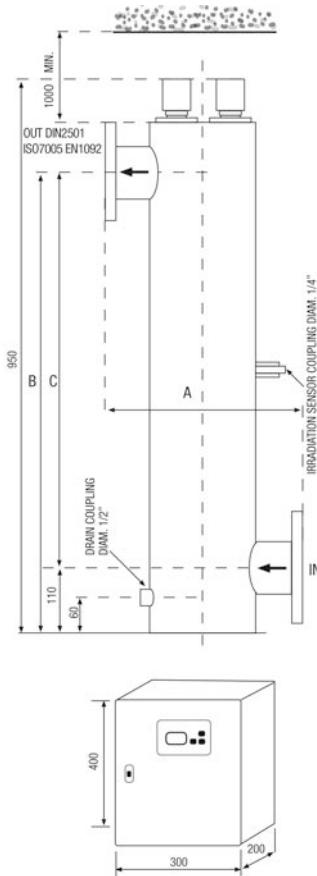


| Ref | Reactor Volume (liter) | Reactor Weight (kg) | In-Out | B (mm) | C (mm) | D (mm) | E (mm) |
|--------|------------------------|---------------------|----------|--------|--------|--------|--------|
| HA800N | 6 | 4 | 1 1/2" F | 807 | 727 | 80 | 200 |
| HA800 | 6 | 4 | 1 1/2" F | 807 | 727 | 80 | 200 |
| HA802N | 6 | 4 | 1 1/2" F | 807 | 727 | 80 | 200 |
| HA802 | 6 | 4 | 1 1/2" F | 807 | 727 | 80 | 200 |
| HA804N | 12,4 | 8 | 2 1/2" F | 790 | 680 | 110 | 300 |
| HA804 | 12,4 | 8 | 2 1/2" F | 790 | 680 | 110 | 300 |
| HA806N | 12,4 | 11 | 2 1/2" F | 790 | 680 | 110 | 300 |
| HA806 | 12,4 | 11 | 2 1/2" F | 790 | 680 | 110 | 300 |

| UV sensor (If provided) | |
|-------------------------|-----------------------------------|
| Type | UVC selective sensor Mod. UV737TF |
| Sensor cable | shielded cable 4 meters |
| Sensor holder material | Teflon |

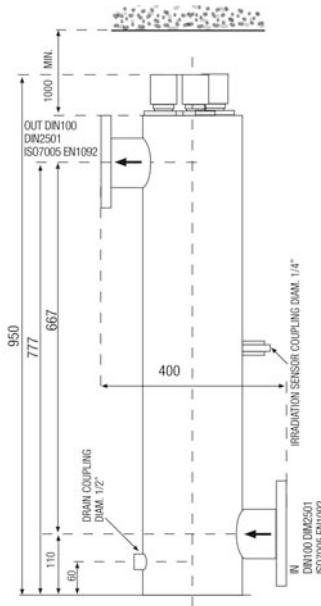
| Control panel | |
|---|--|
| Material and color | Black Polypropylene |
| Dimensions | 215 x 215 x 90 mm |
| Ambient temperature range | 5 - 45° C |
| Lamp cable | 1 mm |
| Power supply cable | 1 mm |
| Monitor display | LCD |
| Resettable hour meter | Yes for lamp life control |
| Lamp function control | Yes |
| Free contact (NA - NC) | Yes - general alarm (max 2 A) |
| 230 V output (NA - NC) | Yes - general alarm (max 2 A) |
| Remote ON/OFF contact | Yes (settable) |
| ON/OFF timer | Yes (settable) |
| Reactor temperature measurement and alarm | Yes (C°) - Settable value (shut off for high temperature) on Model with sensor |
| UV irradiance measurement and alarm | Yes (% or W/m² optional) - settable value on models with sensor |
| 4/20 mA output | Optional - for irradiance and water temperature on models with sensor |

Industrial U.V. Sterilizers in HDPE



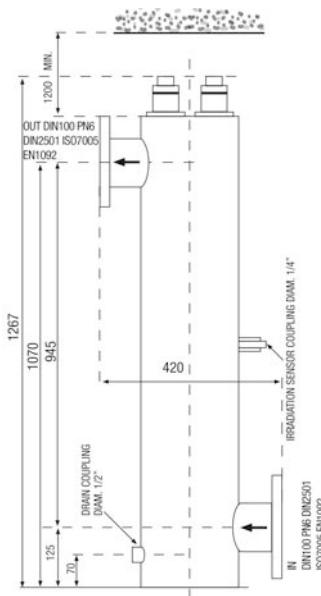
| Ref | Reactor Volume (liter) | Reactor Weight (kg) | In-Out connection | A (mm) | B (mm) | C (mm) | | | | | |
|---|--|---------------------|-------------------|--------|--------|--------|--|--|--|--|--|
| HA808 | 12,7 | 11 | Flange DN65 | 350 | 799 | 689 | | | | | |
| HA810 | 20,1 | 16 | Flange DN80 | 400 | 790 | 680 | | | | | |
| UV sensor | | | | | | | | | | | |
| Type | UVC selective sensor Mod. UV737TF | | | | | | | | | | |
| Sensor cable | shielded cable 4 meters | | | | | | | | | | |
| Sensor holder material | Teflon | | | | | | | | | | |
| Control panel | | Rack LCD Plus | | | | | | | | | |
| Material and color | Painted Steel - RAL 7035 | | | | | | | | | | |
| Dimensions | 400 x 300 x 200 mm | | | | | | | | | | |
| Ambient temperature range | 5 - 45° C | | | | | | | | | | |
| Lamp cable | 1 mm | | | | | | | | | | |
| Power supply cable | 1 mm | | | | | | | | | | |
| Monitor display | LCD | | | | | | | | | | |
| Resettable hour meter | Yes for lamp life control | | | | | | | | | | |
| Lamp function control | SI | | | | | | | | | | |
| Free contact (NA - NC) | Yes - general alarm (max 2 A) | | | | | | | | | | |
| 230 V output (NA - NC) | Yes - general alarm (max 2 A) | | | | | | | | | | |
| Remote ON/OFF contact | Yes (settable) | | | | | | | | | | |
| ON/OFF timer | Yes (settable) | | | | | | | | | | |
| Reactor temperature measurement and alarm | Yes (C°) - Settable value (shut off for high temperature) on Model with sensor | | | | | | | | | | |
| UV irradiance measurement and alarm | Yes (% or W/m² optional) - settable value on models with sensor | | | | | | | | | | |
| 4/20 mA output | Optional - for irradiance and water temperature on models with sensor | | | | | | | | | | |

Industrial U.V. Sterilizers in HDPE



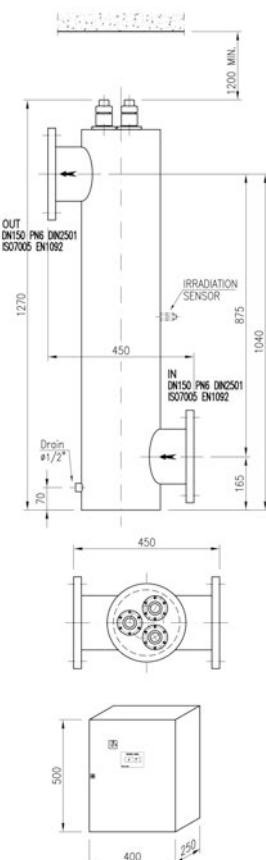
| Ref | Reactor Volume (liter) | Reactor Weight (kg) |
|---|--|---------------------|
| HA812 | 20,5 | 19 |
| UV sensor | | |
| Type | UVC selective sensor Mod. UV737TF | |
| Sensor cable | shielded cable 4 meters | |
| Sensor holder material | Teflon | |
| Control panel | | Rack LCD Plus |
| Material and color | Painted Steel - RAL 7035 | |
| Dimensions | 400 x 300 x 200 mm | |
| Ambient temperature range | 5 - 45° C | |
| Lamp cable | 1 mm | |
| Power supply cable | 1 mm | |
| Monitor display | LCD | |
| Resettable hour meter | Yes for lamp life control | |
| Lamp function control | Yes | |
| Free contact (NO - NC) | Yes - general alarm (max 2 A) | |
| 230 V output (NO - NC) | Yes - general alarm (max 2 A) | |
| Remote ON/OFF contact | Yes (settable) | |
| ON/OFF timer | Yes (settable) | |
| Reactor temperature measurement and alarm | Yes (C°) - Settable value (shut off for high temperature) on Model with sensor | |
| UV irradiance measurement and alarm | Yes (% or W/m² optional) - settable value on models with sensor | |
| 4/20 mA output | Optional - for irradiance and water temperature on models with sensor | |

Industrial U.V. Sterilizers in HDPE



| Ref | Reactor Volume (liter) | Reactor Weight (kg) |
|---|--|---------------------|
| HA814 | 40 | 30 |
| UV sensor | | |
| Type | UVC selective sensor Mod. UV737TF | |
| Sensor cable | shielded cable 4 meters | |
| Sensor holder material | Teflon | |
| Control panel | | Rack LCD Plus |
| Material and color | Painted Steel - RAL 7035 | |
| Dimensions | 400 x 300 x 200 mm | |
| Ambient temperature range | 5 - 45° C | |
| Lamp cable | 1 mm | |
| Power supply cable | 1 mm | |
| Monitor display | LCD | |
| Resettable hour meter | Yes for lamp life control | |
| Lamp function control | Yes | |
| Free contact (NO - NC) | Yes - general alarm (max 2 A) | |
| 230 V output (NO - NC) | Yes - general alarm (max 2 A) | |
| Remote ON/OFF contact | Yes (settable) | |
| ON/OFF timer | Yes (settable) | |
| Reactor temperature measurement and alarm | Yes (C°) - Settable value (shut off for high temperature) on Model with sensor | |
| UV irradiance measurement and alarm | Yes (% or W/m² optional) - settable value on models with sensor | |
| 4/20 mA output | Optional - for irradiance and water temperature on models with sensor | |

Industrial U.V. Sterilizers in HDPE

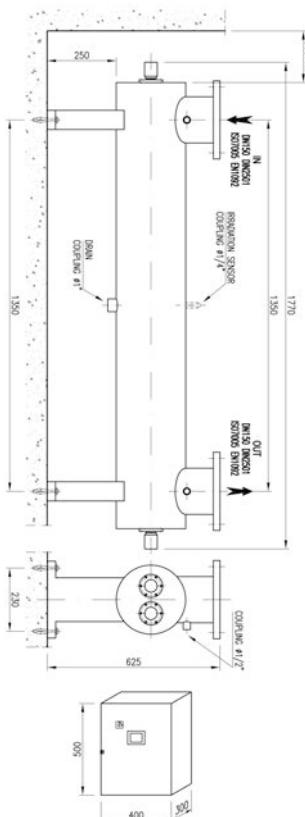


| Ref | Reactor Volume (liter) | Reactor Weight (kg) |
|-------|------------------------|---------------------|
| HA816 | 40 | 30 |

| | |
|------------------------|-----------------------------------|
| UV sensor | |
| Type | UVC selective sensor Mod. UV737TF |
| Sensor cable | shielded cable 4 meters |
| Sensor holder material | Teflon |

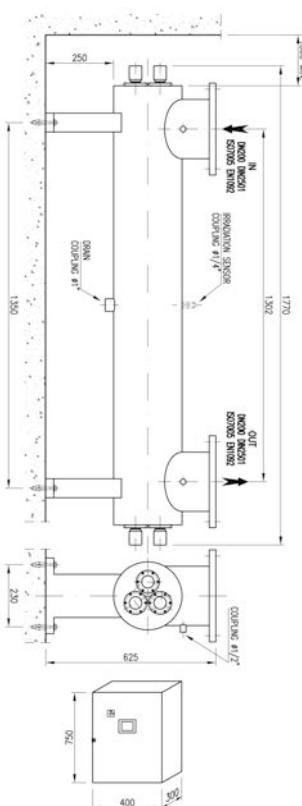
| | |
|---|--|
| Control panel | Rack LCD Plus |
| Material and color | Painted Steel - RAL 7035 |
| Dimensions | 400 x 300 x 200 mm |
| Ambient temperature range | 5 - 45° C |
| Lamp cable | 1 mm |
| Power supply cable | 1 mm |
| Monitor display | LCD |
| Resettable hour meter | Yes for lamp life control |
| Lamp function control | Yes |
| Free contact (NO - NC) | Yes - general alarm (max 2 A) |
| 230 V output (NO - NC) | Yes - general alarm (max 2 A) |
| Remote ON/OFF contact | Yes (settable) |
| ON/OFF timer | Yes (settable) |
| Reactor temperature measurement and alarm | Yes (C°) - Settable value (shut off for high temperature) on Model with sensor |
| UV irradiance measurement and alarm | Yes (% or W/m² optional) - settable value on models with sensor |
| 4/20 mA output | Optional - for irradiance and water temperature on models with sensor |

Industrial U.V. Sterilizers in HDPE



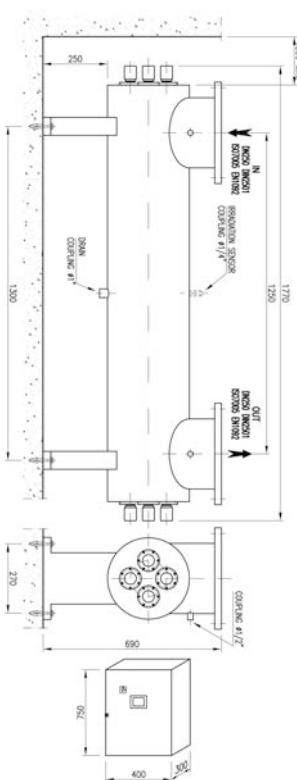
| Ref | Reactor Volume (liter) | Reactor Weight (kg) |
|---------------------------------|---|---------------------|
| HA818 | 50 | 42 |
| UV sensor | | |
| Type | UVC selective sensor Mod. UV737TF | |
| Sensor cable | shielded cable 4 meters | |
| Sensor holder material | Teflon | |
| Control Panel | | |
| Material and colour | Painted Steel - RAL 7035 | |
| Protection class | IP 54 | |
| Lamp cable length | 2,5 m | |
| Monitor display | touch - screen (65000 colours) | |
| Multi language display | Yes | |
| Chamber temperature measurement | Yes (°C) | |
| UV irradiance measurement | Yes (% or W/m ²) | |
| Panel temperature measurement | Yes (°C) | |
| Flow - meter connection | Yes (4 - 20 mA) | |
| UVT reader connection | Yes (4 - 20 mA) | |
| UV dose calculation | Optional (only with external flow meter) | |
| Hour meters | For total system life - Resettable for lamp life control | |
| Free contact alarms (N/O) | Yes (max 1.3 A) | |
| General alarm | Yes (settable contact working) | |
| System working signal | Yes | |
| High temperature alarm | Yes for panel and reactor (shut off for high temperature) | |
| 24 V output | Yes | |
| Low irradiance alarm | Yes (settable value) | |
| Lamps of alarm | Yes | |
| Lamps control on/off | Yes | |
| 4/20 mA output | Yes for irradiance and temperature | |
| Remote ON/OFF | Yes (settable contact working) | |
| ON/OFF timer | Yes | |
| Datalog - Events | Yes | |
| Lamp power regulation | Manual or Automatic (dose or flow pacing) | |
| Communication ports (protocols) | CAN, Ethernet, USB, Seriale (Modbus, TCP/IP, CANopen) | |
| Remote access | With specific App or Web Gate | |

Industrial U.V. Sterilizers in HDPE



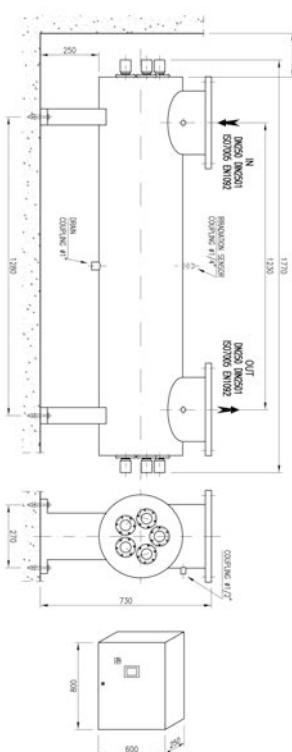
| Ref | Reactor Volume (liter) | Reactor Weight (kg) |
|---------------------------------|---|---------------------|
| HA820 | 52,3 | 42 |
| UV sensor | | |
| Type | UVC selective sensor Mod. UV737TF | |
| Sensor cable | shielded cable 4 meters | |
| Sensor holder material | Teflon | |
| Control Panel | | |
| Material and colour | Painted Steel - RAL 7035 | |
| Protection class | IP 54 | |
| Lamp cable length | 2,5 m | |
| Monitor display | touch - screen (65000 colours) | |
| Multi language display | Yes | |
| Chamber temperature measurement | Yes (°C) | |
| UV irradiance measurement | Yes (% or W/m ²) | |
| Panel temperature measurement | Yes (°C) | |
| Flow - meter connection | Yes (4 - 20 mA) | |
| UVT reader connection | Yes (4 - 20 mA) | |
| UV dose calculation | Optional (only with external flow meter) | |
| Hour meters | For total system life - Resettable for lamp life control | |
| Free contact alarms (N/O) | Yes (max 1.3 A) | |
| General alarm | Yes (settable contact working) | |
| System working signal | Yes | |
| High temperature alarm | Yes for panel and reactor (shut off for high temperature) | |
| 24 V output | Yes | |
| Low irradiance alarm | Yes (settable value) | |
| Lamps of alarm | Yes | |
| Lamps control on/off | Yes | |
| 4/20 mA output | Yes for irradiance and temperature | |
| Remote ON/OFF | Yes (settable contact working) | |
| ON/OFF timer | Yes | |
| Datalog - Events | Yes | |
| Lamp power regulation | Manual or Automatic (dose or flow pacing) | |
| Communication ports (protocols) | CAN, Ethernet, USB, Seriale (Modbus, TCP/IP, CANopen) | |
| Remote access | With specific App or Web Gate | |

Industrial U.V. Sterilizers in HDPE



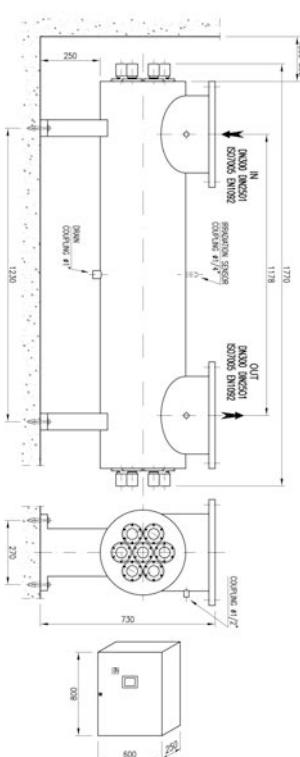
| Ref | Reactor Volume (liter) | Reactor Weight (kg) |
|---------------------------------|---|---------------------|
| HA822 | 84 | 52 |
| UV sensor | | |
| Type | UVC selective sensor Mod. UV737TF | |
| Sensor cable | shielded cable 4 meters | |
| Sensor holder material | Teflon | |
| Control Panel | | TC |
| Material and colour | Painted Steel - RAL 7035 | |
| Protection class | IP 54 | |
| Lamp cable length | 2,5 m | |
| Monitor display | touch - screen (65000 colours) | |
| Multi language display | Yes | |
| Chamber temperature measurement | Yes (°C) | |
| UV irradiance measurement | Yes (% or W/m ²) | |
| Panel temperature measurement | Yes (°C) | |
| Flow - meter connection | Yes (4 - 20 mA) | |
| UVT reader connection | Yes (4 - 20 mA) | |
| UV dose calculation | Optional (only with external flow meter) | |
| Hour meters | For total system life - Resettable for lamp life control | |
| Free contact alarms (N/O) | Yes (max 1.3 A) | |
| General alarm | Yes (settable contact working) | |
| System working signal | Yes | |
| High temperature alarm | Yes for panel and reactor (shut off for high temperature) | |
| 24 V output | Yes | |
| Low irradiance alarm | Yes (settable value) | |
| Lamps of alarm | Yes | |
| Lamps control on/off | Yes | |
| 4/20 mA output | Yes for irradiance and temperature | |
| Remote ON/OFF | Yes (settable contact working) | |
| ON/OFF timer | Yes | |
| Datalog - Events | Yes | |
| Lamp power regulation | Manual or Automatic (dose or flow pacing) | |
| Communication ports (protocols) | CAN, Ethernet, USB, Seriale (Modbus, TCP/IP, CANopen) | |
| Remote access | With specific App or WebGate | |

Industrial U.V. Sterilizers in HDPE



| Ref | Reactor Volume (liter) | Reactor Weight (kg) |
|---------------------------------|---|---------------------|
| HA824 | 101 | 80 |
| UV sensor | | |
| Type | UVC selective sensor Mod. UV737TF | |
| Sensor cable | shielded cable 4 meters | |
| Sensor holder material | Teflon | |
| Control Panel | | |
| Material and colour | Painted Steel - RAL 7035 | |
| Protection class | IP 54 | |
| Lamp cable length | 2,5 m | |
| Monitor display | touch - screen (65000 colours) | |
| Multi language display | Yes | |
| Chamber temperature measurement | Yes (°C) | |
| UV irradiance measurement | Yes (% or W/m²) | |
| Panel temperature measurement | Yes (°C) | |
| Flow - meter connection | Yes (4 - 20 mA) | |
| UVT reader connection | Yes (4 - 20 mA) | |
| UV dose calculation | Optional (only with external flow meter) | |
| Hour meters | For total system life - Resettable for lamp life control | |
| Free contact alarms (N/O) | Yes (max 1.3 A) | |
| General alarm | Yes (settable contact working) | |
| System working signal | Yes | |
| High temperature alarm | Yes for panel and reactor (shut off for high temperature) | |
| 24 V output | Yes | |
| Low irradiance alarm | Yes (settable value) | |
| Lamps of alarm | Yes | |
| Lamps control on/off | Yes | |
| 4/20 mA output | Yes for irradiance and temperature | |
| Remote ON/OFF | Yes (settable contact working) | |
| ON/OFF timer | Yes | |
| Datalog - Events | Yes | |
| Lamp power regulation | Manual or Automatic (dose or flow pacing) | |
| Communication ports (protocols) | CAN, Ethernet, USB, Seriale (Modbus, TCP/IP, CANopen) | |
| Remote access | With specific App or WebGate | |

Industrial U.V. Sterilizers in HDPE

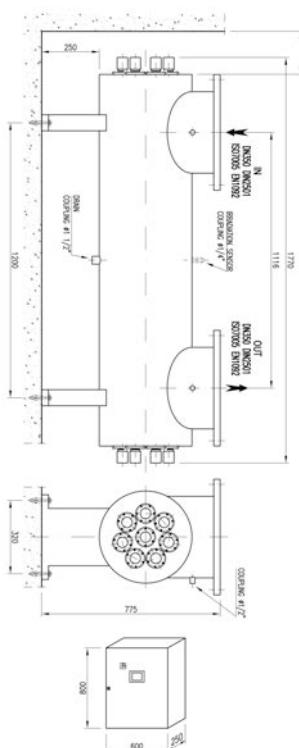


| Ref | Reactor Volume (liter) | Reactor Weight (kg) |
|-------|------------------------|---------------------|
| HA826 | 104 | 100 |

| | |
|------------------------|-----------------------------------|
| UV sensor | |
| Type | UVC selective sensor Mod. UV737TF |
| Sensor cable | shielded cable 4 meters |
| Sensor holder material | Teflon |

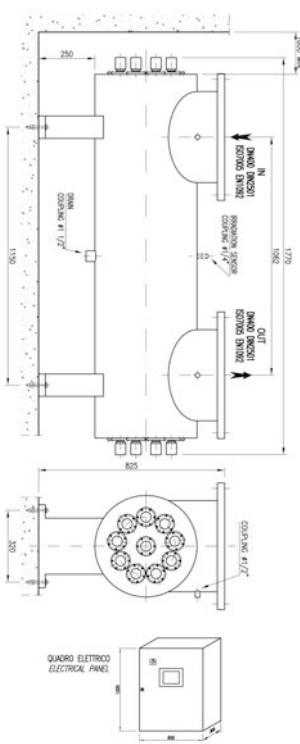
| | |
|---------------------------------|---|
| Control Panel | TC |
| Material and colour | Painted Steel - RAL 7035 |
| Protection class | IP 54 |
| Lamp cable length | 2,5 m |
| Monitor display | touch - screen (65000 colours) |
| Multi language display | Yes |
| Chamber temperature measurement | Yes (°C) |
| UV irradiance measurement | Yes (% or W/m ²) |
| Panel temperature measurement | Yes (°C) |
| Flow - meter connection | Yes (4 - 20 mA) |
| UVT reader connection | Yes (4 - 20 mA) |
| UV dose calculation | Optional (only with external flow meter) |
| Hour meters | For total system life - Resettable for lamp life control |
| Free contact alarms (N/O) | Yes (max 1.3 A) |
| General alarm | Yes (settable contact working) |
| System working signal | Yes |
| High temperature alarm | Yes for panel and reactor (shut off for high temperature) |
| 24 V output | Yes |
| Low irradiance alarm | Yes (settable value) |
| Lamps of alarm | Yes |
| Lamps control on/off | Yes |
| 4/20 mA output | Yes for irradiance and temperature |
| Remote ON/OFF | Yes (settable contact working) |
| ON/OFF timer | Yes |
| Datalog - Events | Yes |
| Lamp power regulation | Manual or Automatic (dose or flow pacing) |
| Communication ports (protocols) | CAN, Ethernet, USB, Seriale (Modbus, TCP/IP, CANopen) |
| Remote access | With specific App or WebGate |

Industrial U.V. Sterilizers in HDPE



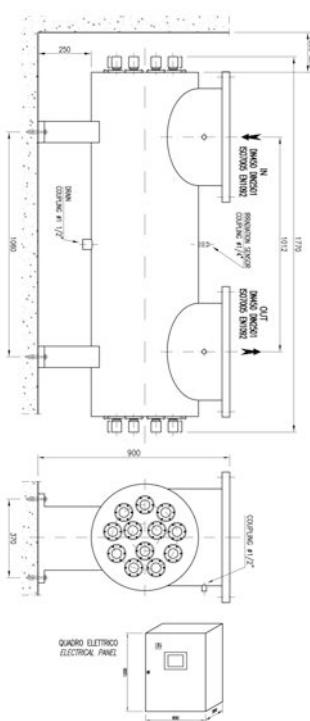
| Ref | Reactor Volume (liter) | Reactor Weight (kg) |
|---------------------------------|---|---------------------|
| HA828 | 130 | 165 |
| UV sensor | | |
| Type | UVC selective sensor Mod. UV737TF | |
| Sensor cable | shielded cable 4 meters | |
| Sensor holder material | Teflon | |
| Control Panel | | TC |
| Material and colour | Painted Steel - RAL 7035 | |
| Protection class | IP 54 | |
| Lamp cable length | 2,5 m | |
| Monitor display | touch - screen (65000 colours) | |
| Multi language display | Yes | |
| Chamber temperature measurement | Yes (°C) | |
| UV irradiance measurement | Yes (% or W/m ²) | |
| Panel temperature measurement | Yes (°C) | |
| Flow - meter connection | Yes (4 - 20 mA) | |
| UVT reader connection | Yes (4 - 20 mA) | |
| UV dose calculation | Optional (only with external flow meter) | |
| Hour meters | For total system life - Resettable for lamp life control | |
| Free contact alarms (N/O) | Yes (max 1.3 A) | |
| General alarm | Yes (settable contact working) | |
| System working signal | Yes | |
| High temperature alarm | Yes for panel and reactor (shut off for high temperature) | |
| 24 V output | Yes | |
| Low irradiance alarm | Yes (settable value) | |
| Lamps of alarm | Yes | |
| Lamps control on/off | Yes | |
| 4/20 mA output | Yes for irradiance and temperature | |
| Remote ON/OFF | Yes (settable contact working) | |
| ON/OFF timer | Yes | |
| Datalog - Events | Yes | |
| Lamp power regulation | Manual or Automatic (dose or flow pacing) | |
| Communication ports (protocols) | CAN, Ethernet, USB, Seriale (Modbus, TCP/IP, CANopen) | |
| Remote access | With specific App or WebGate | |

Industrial U.V. Sterilizers in HDPE



| Ref | Reactor Volume (liter) | Reactor Weight (kg) |
|---------------------------------|---|---------------------|
| HA830 | 165 | 180 |
| UV sensor | | |
| Type | UVC selective sensor Mod. UV737TF | |
| Sensor cable | shielded cable 4 meters | |
| Sensor holder material | Teflon | |
| Control Panel | | |
| Material and colour | Painted Steel - RAL 7035 | |
| Protection class | IP 54 | |
| Lamp cable length | 2,5 m | |
| Monitor display | touch - screen (65000 colours) | |
| Multi language display | Yes | |
| Chamber temperature measurement | Yes (°C) | |
| UV irradiance measurement | Yes (% or W/m²) | |
| Panel temperature measurement | Yes (°C) | |
| Flow - meter connection | Yes (4 - 20 mA) | |
| UVT reader connection | Yes (4 - 20 mA) | |
| UV dose calculation | Optional (only with external flow meter) | |
| Hour meters | For total system life - Resettable for lamp life control | |
| Free contact alarms (N/O) | Yes (max 1.3 A) | |
| General alarm | Yes (settable contact working) | |
| System working signal | Yes | |
| High temperature alarm | Yes for panel and reactor (shut off for high temperature) | |
| 24 V output | Yes | |
| Low irradiance alarm | Yes (settable value) | |
| Lamps of alarm | Yes | |
| Lamps control on/off | Yes | |
| 4/20 mA output | Yes for irradiance and temperature | |
| Remote ON/OFF | Yes (settable contact working) | |
| ON/OFF timer | Yes | |
| Datalog - Events | Yes | |
| Lamp power regulation | Manual or Automatic (dose or flow pacing) | |
| Communication ports (protocols) | CAN, Ethernet, USB, Seriale (Modbus, TCP/IP, CANopen) | |
| Remote access | With specific App or WebGate | |

Industrial U.V. Sterilizers in AISI 316L 200 W Series



| Ref | Reactor Volume (liter) | Reactor Weight (kg) |
|---------------------------------|---|---------------------|
| HA832 | 214 | 220 |
| UV sensor | | |
| Type | UVC selective sensor Mod. UV737TF | |
| Sensor cable | shielded cable 4 meters | |
| Sensor holder material | Teflon | |
| Control Panel | | |
| Material and colour | Painted Steel - RAL 7035 | |
| Protection class | IP 54 | |
| Lamp cable length | 2,5 m | |
| Monitor display | touch - screen (65000 colours) | |
| Multi language display | Yes | |
| Chamber temperature measurement | Yes (°C) | |
| UV irradiance measurement | Yes (% or W/m²) | |
| Panel temperature measurement | Yes (°C) | |
| Flow - meter connection | Yes (4 - 20 mA) | |
| UVT reader connection | Yes (4 - 20 mA) | |
| UV dose calculation | Optional (only with external flow meter) | |
| Hour meters | For total system life - Resettable for lamp life control | |
| Free contact alarms (N/O) | Yes (max 1.3 A) | |
| General alarm | Yes (settable contact working) | |
| System working signal | Yes | |
| High temperature alarm | Yes for panel and reactor (shut off for high temperature) | |
| 24 V output | Yes | |
| Low irradiance alarm | Yes (settable value) | |
| Lamps of alarm | Yes | |
| Lamps control on/off | Yes | |
| 4/20 mA output | Yes for irradiance and temperature | |
| Remote ON/OFF | Yes (settable contact working) | |
| ON/OFF timer | Yes | |
| Datalog - Events | Yes | |
| Lamp power regulation | Manual or Automatic (dose or flow pacing) | |
| Communication ports (protocols) | CAN, Ethernet, USB, Seriale (Modbus, TCP/IP, CANopen) | |
| Remote access | With specific App or WebGate | |

Industrial U.V. Sterilizers in AISI 316L 200 W Series

- Made in European Union (Italy);
- To be used for industrial water disinfection systems;
- Single-lamp or multi-lamp systems, with single lamp 200 W;
- With reactor in AISI 316L, with sensor;
- Electric box with electronic circuit, connection cable, operating time meter and switch;
- Operating and failure led;
- Available on request with UL certificate (for USA and Canada);
- Conform with Polish Quality Certification for Poland;
- With lamp quartz sheath;
- Max operating pressure 10 bar; Temperature: 5 ÷ 50°C;
- UVC transmittance 98% - 1cm, UVC dose 400 J/m² ;
- Power supply 230 V - 50/60 Hz and life span of lamp 12.000 hours;
- Reactor protection class IP65;
- Control panel protection class IP54;
- Possibility of connection with shut down solenoid valve;
- Optional cleaning system (manual or automatic);
- Vertical mounting (horizontal for automatic cleaning systems).
- NOTA:
- ↑ = From bottom Optional to cleatop.
- ↔ = Both directions.

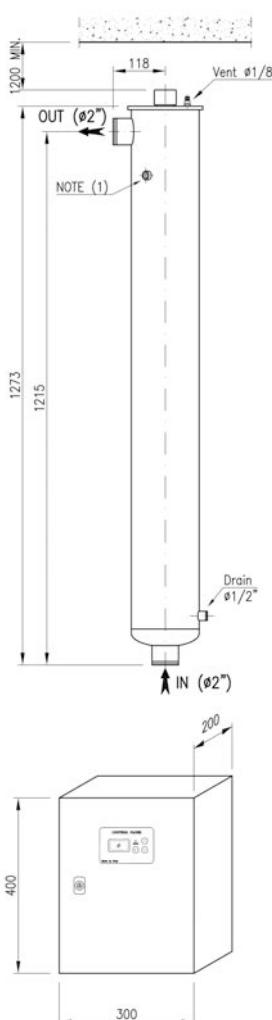
| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| HA840 | UV2 STERILIZER IN AISI 316L 24 M3/H WITH DOSING SENSOR | 55 | 252 | | |
| HA840M | UV2 STERILIZER IN AISI 316L 24 M3/H MAN. CLEANING WITH DOSING SENSOR | 55 | 252 | | |
| HA840A | UV2 STERILIZER IN AISI 316L 24 M3/H SELF CLEANING WITH DOSING SENSOR | 55 | 252 | | |
| HA842 | UV2 STERILIZER IN AISI 316L 60 M3/H WITH DOSING SENSOR | 55 | 252 | | |
| HA842M | UV2 STERILIZER IN AISI 316L 60 M3/H MAN. CLEANING WITH DOSING SENSOR | 55 | 252 | | |
| HA842A | UV2 STERILIZER IN AISI 316L 60 M3/H SELF CLEANING WITH DOSING SENSOR | 55 | 252 | | |
| HA844 | UV2 STERILIZER IN AISI 316L 96 M3/H WITH DOSING SENSOR | 55 | 252 | | |
| HA844A | UV2 STERILIZER IN AISI 316L 96 M3/H SELF CLEANING WITH DOSING SENSOR | 55 | 252 | | |
| HA846 | UV2 STERILIZER IN AISI 316L 125 M3/H WITH DOSING SENSOR | 55 | 252 | | |
| HA848 | UV2 STERILIZER IN AISI 316L 160 M3/H WITH DOSING SENSOR | 55 | 252 | | |
| HA848A | UV2 STERILIZER IN AISI 316L 160 M3/H SELF CLEANING WITH DOSING SENSOR | 55 | 252 | | |

Industrial U.V. Sterilizers in AISI 316L 200 W Series

| Ref | Max flow rate (m/h) | Total consumption (W) | Nº Lamps | Lamps power | In-Out connections | Flow direction |
|--------|---------------------|-----------------------|----------|-------------|--------------------|----------------|
| HA840 | 24 | 222 | 1 | 200 | 2" M | ↑ |
| HA840M | 24 | 222 | 1 | 200 | 2" M | ↑ |
| HA840A | 24 | 222 | 1 | 200 | 2" M | ↔ |
| HA842 | 60 | 444 | 2 | 200 | DN80 | ↑ |
| HA842M | 60 | 444 | 2 | 200 | DN80 | ↑ |
| HA842A | 60 | 444 | 2 | 200 | DN80 | ↔ |
| HA844 | 96 | 666 | 3 | 200 | DN100 | ↑ |
| HA844A | 96 | 666 | 3 | 200 | DN100 | ↔ |
| HA846 | 125 | 888 | 4 | 200 | DN150 | ↑ |
| HA848 | 160 | 888 | 4 | 200 | DN150 | ↑ |
| HA848A | 160 | 888 | 4 | 200 | DN150 | ↔ |

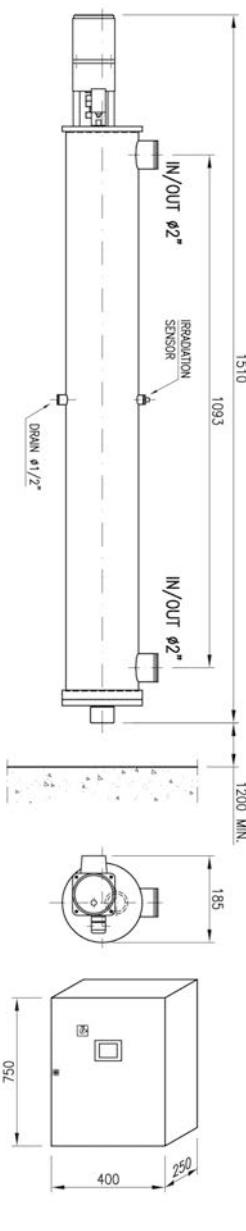
| Certificates | Manufacturer | Sectors |
|-------------------------|--------------|------------|
| DM174-2004 WRAS CE, EAC | MWG | Industrial |

Industrial U.V. Sterilizers in AISI 316L 200 W Series



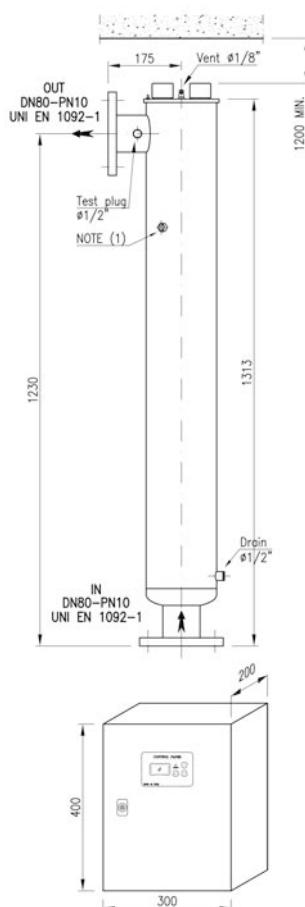
| Ref | Reactor Volume (liter) | Reactor Weight (kg) | In-Out |
|---|--|---------------------|---------------|
| HA840 | 21,5 | 13 | 2" M |
| HA840M | 21,5 | 13 | 2" M |
| UV sensor | | | |
| Type | UVC selective sensor Mod. UV737TF | | |
| Sensor cable | shielded cable 4 meters | | |
| Sensor holder material | Stainless steel 316L | | |
| Control panel | | | Rack LCD Plus |
| Material and color | Painted Steel - RAL 7035 | | |
| Ambient temperature range | 5 - 45° C | | |
| Lamp cable | 2,5 m | | |
| Power supply cable | 1 m | | |
| Monitor display | LCD | | |
| Resettable hour meter | Yes for lamp life control | | |
| Lamp function control | SI | | |
| Free contact (NO - NC) | Yes - general alarm (max 2 A) | | |
| 230 V output (NO - NC) | Yes - general alarm (max 2 A) | | |
| Remote ON/OFF contact | Yes (settable) | | |
| ON/OFF timer | Yes (settable) | | |
| Reactor temperature measurement and alarm | Yes (C°) - Settable value (shut off for high temperature) on Model with sensor | | |
| UV irradiance measurement and alarm | Yes (% or W/m² optional) - settable value on models with sensor | | |
| 4/20 mA output | Optional - for irradiance and water temperature on models with sensor | | |

Industrial U.V. Sterilizers in AISI 316L 200 W Series



| Ref | Reactor Volume (liter) | Reactor Weight (kg) | In-Out |
|---|---|---------------------|--------|
| HA840A | 21,5 | 13 | 2" M |
| UV sensor | | | |
| Type | UVC selective sensor Mod. UV737TF | | |
| Sensor cable | shielded cable 4 meters | | |
| Sensor holder material | Stainless steel 316L | | |
| Control panel | | | |
| Material and color | Black Painted Steel - RAL 7035 | | |
| Ambient temperature range | 5 - 45° C | | |
| Lamp cable | 4 m | | |
| Monitor display | Touch screen (65.000 colors) | | |
| Multilanguage display | IT - EN - FR - ES | | |
| Resettable hour meter | Yes for lamp life control | | |
| Lamp function control | Yes | | |
| Free contact (NO - NC) | Yes - general alarm (max 2 A) | | |
| Remote ON/OFF contact | Yes (settable) | | |
| ON/OFF timer | Yes | | |
| Reactor temperature measurement and alarm | Yes (C°) - Settable value (shut off for high temperature) | | |
| UV irradiance measurement and alarm | Yes (% or W/m ² optional) | | |
| 4/20 mA output | Yes - for irradiance and water temperature | | |

Industrial U.V. Sterilizers in AISI 316L 200 W Series

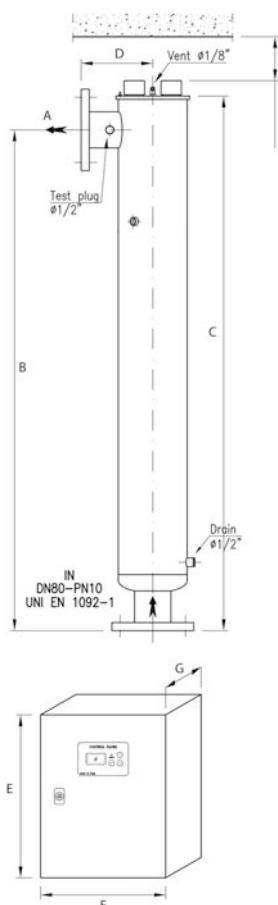


| Ref | Reactor Volume (liter) | Reactor Weight (kg) | A In-Out | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) |
|--------|------------------------|---------------------|----------|--------|--------|--------|--------|--------|--------|
| HA842 | 39 | 25 | DN80 | 1230 | 1313 | 175 | 400 | 300 | 200 |
| HA842M | 39 | 25 | DN80 | 1230 | 1313 | 175 | 400 | 300 | 200 |

| UV sensor (If provided) | |
|-------------------------|-----------------------------------|
| Type | UVC selective sensor Mod. UV737TF |
| Sensor cable | shielded cable 4 meters |
| Sensor holder material | Stainless steel 316L |

| Control panel | LCD |
|---|--|
| Material and color | Black Painted Steel (RAL 7035) |
| Ambient temperature range | 5 - 45° C |
| Lamp cable | 2,5 mm |
| Power supply cable | 1 mm |
| Monitor display | LCD |
| Resettable hour meter | Yes for lamp life control |
| Lamp function control | Yes |
| Free contact (NO - NC) | Yes - general alarm (max 2 A) |
| 230 V output (NO - NC) | Yes - general alarm (max 2 A) |
| Remote ON/OFF contact | Yes (settable) |
| ON/OFF timer | Yes (settable) |
| Reactor temperature measurement and alarm | Yes (C°) - Settable value (shut off for high temperature) on Model with sensor |
| UV irradiance measurement and alarm | Yes (% or W/m² optional) - settable value on models with sensor |
| 4/20 mA output | Optional - for irradiance and water temperature on models with sensor |

Industrial U.V. Sterilizers in AISI 316L 200 W Series



| Ref | Reactor Volume (liter) | Reactor Weight (kg) | A In-Out | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) |
|-------|------------------------|---------------------|----------|--------|--------|--------|--------|--------|--------|
| HA844 | 50 | 31 | DN100 | 1200 | 1321 | 210 | 500 | 400 | 250 |
| HA846 | 47 | 37 | DN150 | 1175 | 1321 | 210 | 750 | 400 | 250 |
| HA848 | 70 | 48 | DN150 | 1200 | 1346 | 235 | 750 | 400 | 250 |

| | |
|-------------------------|-----------------------------------|
| UV sensor (If provided) | |
| Type | UVC selective sensor Mod. UV737TF |
| Sensor cable | shielded cable 4 meters |
| Sensor holder material | Stainless steel 316L |

| | |
|---|---|
| Control panel | LCD |
| Material and color | Black Painted Steel (RAL 7035) |
| Ambient temperature range | 5 - 45° C |
| Lamp cable | 4 mm |
| Monitor display | Touch Screen (65.000 colors) |
| Multi Language Display | IT - EN - FR - ES |
| hour meter | For total system life - Resettable for lamp life control |
| Lamp function control | Yes |
| Free contact alarms (N/O) | Yes - general alarm (max 1.3 A) |
| Remote ON/OFF contact | Yes (settable) |
| ON/OFF timer | Yes |
| Reactor temperature measurement and alarm | Yes (C°)(shut off for high temperature) |
| UV irradiance measurement and alarm | Yes (% or W/m²) |
| 4/20 mA output | Optional - for irradiance and water temperature on models with sensor |

Industrial Flanged Multilamp U.V. Sterilizers in AISI 316L 400 W Series

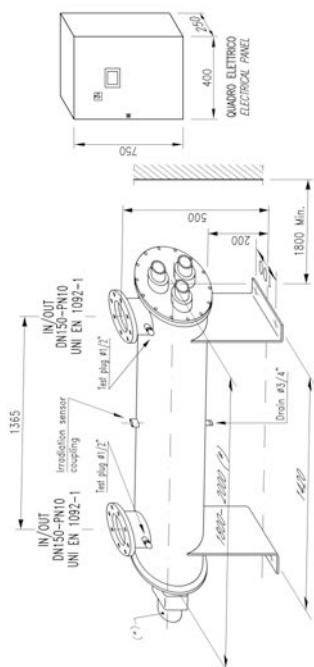
- Made in European Union (Italy);
- To be used for industrial water disinfection systems;
- Multi-lamp systems with single lamp 400 W;
- With reactor in AISI 316L, with sensor;
- Electric box with electronic circuit, connection cable, operating time meter and switch;
- Operating and failure led;
- Available on request with UL certificate (for USA and Canada);
- Conform with Polish Quality Certification for Poland;
- Conform with a Norwegian certification of National Veterinary Institute, which gives the leading rules applied world wide in the sector of the fish farm;
- With lamp quartz sheath;
- Max operating pressure 10 bar;
- Temperature: 5 ÷ 50°C;
- UVC transmittance 97% - 1cm, UVC dose 400 J/m² ;
- Power supply 230 V - 50/60 Hz and life span of lamp 16.000 hours;
- Reactor protection class IP65;
- Control panel protection class IP54;
- Possibility of connection with shut down solenoid valve;
- Alarm system;
- Horizontal mounting and flow both directions;
- Automatic cleaning systems.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------|---|------|--------------|----------------|--|
| HA860A | UV4 STERILIZER IN AISI 316L 150 M3/H SELF CLEANING WITH DOSING SENSOR | 55 | 252 | | |
| HA862A | UV4 STERILIZER IN AISI 316L 250 M3/H SELF CLEANING WITH DOSING SENSOR | 55 | 252 | | |
| HA864A | UV4 STERILIZER IN AISI 316L 300 M3/H SELF CLEANING WITH DOSING SENSOR | 55 | 252 | | |
| HA866A | UV4 STERILIZER IN AISI 316L 420 M3/H SELF CLEANING WITH DOSING SENSOR | 55 | 252 | | |
| HA868A | UV4 STERILIZER IN AISI 316L 600 M3/H SELF CLEANING WITH DOSING SENSOR | 55 | 252 | | |
| HA870A | UV4 STERILIZER IN AISI 316L 830 M3/H SELF CLEANING WITH DOSING SENSOR | 55 | 252 | | |
| HA872A | UV4 STERILIZER IN AISI 316L 980 M3/H SELF CLEANING WITH DOSING SENSOR | 55 | 252 | | |

| Ref | Max flow rate (m/h) | Total consumption (W) | N* Lamps | Lamp power | In-Out Connections |
|--------|---------------------|-----------------------|----------|------------|--------------------|
| HA860A | 150 | 1.300 | 3 | 400 | DN150 |
| HA862A | 250 | 1.760 | 4 | 400 | DN200 |
| HA864A | 300 | 2.180 | 5 | 400 | DN200 |
| HA866A | 420 | 2.650 | 6 | 400 | DN250 |
| HA868A | 600 | 3.500 | 8 | 400 | DN250 |
| HA870A | 830 | 4.400 | 10 | 400 | DN300 |
| HA872A | 980 | 5.300 | 12 | 400 | DN350 |

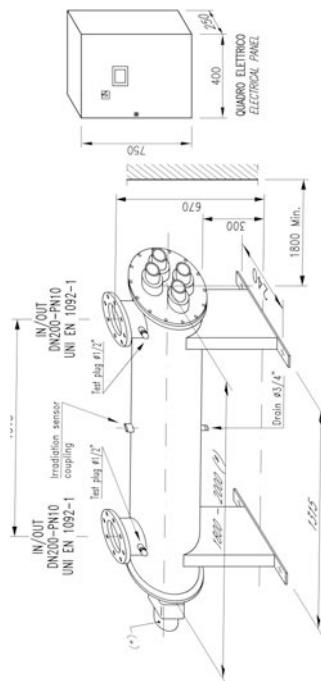
| Certificates | Manufacturer | Sectors |
|-------------------------|--------------|------------|
| DM174-2004 WRAS CE, EAC | MWG | Industrial |

Industrial Flanged Multilamp U.V. Sterilizers in AISI 316L 400 W Series



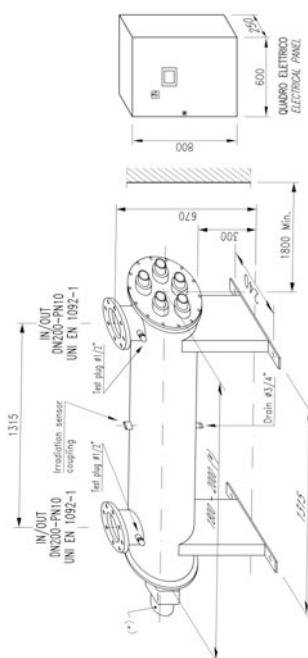
| Ref | Reactor Volume (liter) | Reactor Weight (kg) | In-Out |
|---|--|---------------------|--------|
| HA860A | 56 | 50 | DN100 |
| UV sensor | | | |
| Type | UVC selective sensor Mod. UV737TF | | |
| Sensor cable | shielded cable 4 meters | | |
| Sensor holder material | Stainless steel 316L | | |
| Control panel | | | |
| Material and color | Black Painted Steel (RAL 7035) | | |
| Ambient temperature range | 5 - 45° C | | |
| Lamp cable | 4 mm | | |
| Monitor display | Touch Screen (65.000 colors) | | |
| Multi language display | IT - EN - FR - ES | | |
| Hour meter | For total system life - Resettable for lamp life control | | |
| Lamp control on/off | Yes | | |
| Free contact (N/O) | Yes (max 1,3 A) | | |
| Remote ON/OFF | Yes (settable contact working) | | |
| ON/OFF timer | Yes | | |
| Reactor temperature measurement and alarm | Yes (C°) (shut off for high temperature) | | |
| UV irradiance measurement and alarm | Yes (%) or W/m ²) | | |
| 4/20 mA output | Yes for irradiance temperature | | |

Industrial Flanged Multilamp U.V. Sterilizers in AISI 316L 400 W Series



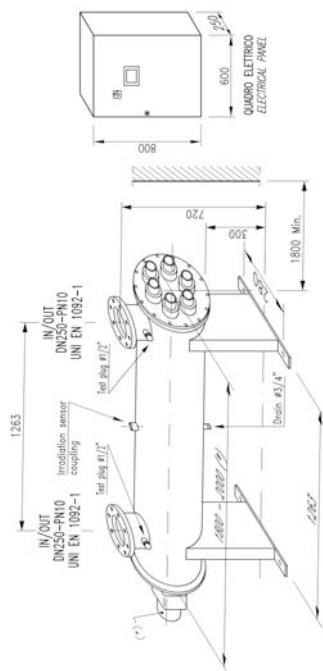
| Ref | Reactor Volume (liter) | Reactor Weight (kg) | In-Out |
|---|--|---------------------|--------|
| HA862A | 82 | 80 | DN200 |
| UV sensor | | | |
| Type | UVC selective sensor Mod. UV737TF | | |
| Sensor cable | shielded cable 4 meters | | |
| Sensor holder material | Stainless steel 316L | | |
| Control panel | | | |
| Material and color | Black Painted Steel (RAL 7035) | | |
| Ambient temperature range | 5 - 45° C | | |
| Lamp cable | 4 mm | | |
| Monitor display | Touch Screen (65.000 colors) | | |
| Multi language display | IT - EN - FR - ES | | |
| Hour meter | For total system life - Resettable for lamp life control | | |
| Lamp control on/off | Yes | | |
| Free contact (N/O) | Yes (max 1,3 A) | | |
| Remote ON/OFF | Yes (settable contact working) | | |
| ON/OFF timer | Yes | | |
| Reactor temperature measurement and alarm | Yes (C°) (shut off for high temperature) | | |
| UV irradiance measurement and alarm | Yes (%) or W/m ²) | | |
| 4/20 mA output | Yes for irradiance temperature | | |

Industrial Flanged Multilamp U.V. Sterilizers in AISI 316L 400 W Series



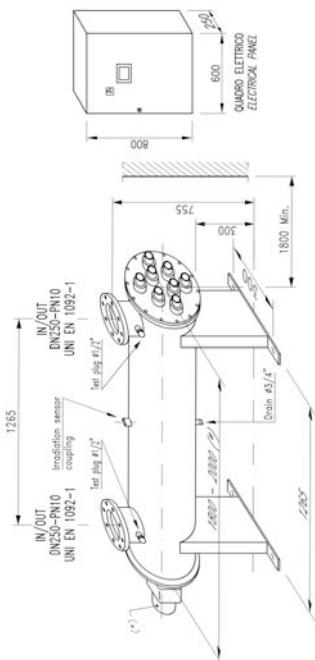
| Ref | Reactor Volume (liter) | Reactor Weight (kg) | In-Out |
|---|--|---------------------|--------|
| HA864A | 87 | 100 | DN200 |
| UV sensor | | | |
| Type | UVC selective sensor Mod. UV737TF | | |
| Sensor cable | shielded cable 4 meters | | |
| Sensor holder material | Stainless steel 316L | | |
| Control panel | | | |
| Material and color | Black Painted Steel (RAL 7035) | | |
| Ambient temperature range | 5 - 45° C | | |
| Lamp cable | 4 mm | | |
| Monitor display | Touch Screen (65.000 colors) | | |
| Multi language display | IT - EN - FR - ES | | |
| Hour meter | For total system life - Resettable for lamp life control | | |
| Lamp control on/off | Yes | | |
| Free contact (N/O) | Yes (max 1,3 A) | | |
| Remote ON/OFF | Yes (settable contact working) | | |
| ON/OFF timer | Yes | | |
| Reactor temperature measurement and alarm | Yes (C°) (shut off for high temperature) | | |
| UV irradiance measurement and alarm | Yes (%) or W/m ²) | | |
| 4/20 mA output | Yes for irradiance temperature | | |

Industrial Flanged Multilamp U.V. Sterilizers in AISI 316L 400 W Series



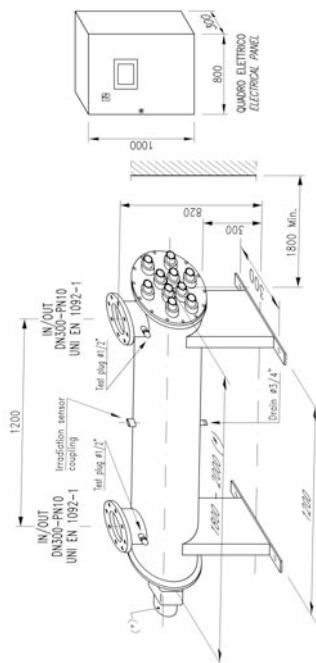
| Ref | Reactor Volume (liter) | Reactor Weight (kg) | In-Out |
|---|--|---------------------|--------|
| HA866A | 126 | 110 | DN250 |
| UV sensor | | | |
| Type | UVC selective sensor Mod. UV737TF | | |
| Sensor cable | shielded cable 4 meters | | |
| Sensor holder material | Stainless steel 316L | | |
| Control panel | | | |
| Material and color | Black Painted Steel (RAL 7035) | | |
| Ambient temperature range | 5 - 45° C | | |
| Lamp cable | 4 mm | | |
| Monitor display | Touch Screen (65.000 colors) | | |
| Multi language display | IT - EN - FR - ES | | |
| Hour meter | For total system life - Resettable for lamp life control | | |
| Lamp control on/off | Yes | | |
| Free contact (N/O) | Yes (max 1,3 A) | | |
| Remote ON/OFF | Yes (settable contact working) | | |
| ON/OFF timer | Yes | | |
| Reactor temperature measurement and alarm | Yes (C°) (shut off for high temperature) | | |
| UV irradiance measurement and alarm | Yes (%) or W/m ²) | | |
| 4/20 mA output | Yes for irradiance temperature | | |

Industrial Flanged Multilamp U.V. Sterilizers in AISI 316L 400 W Series



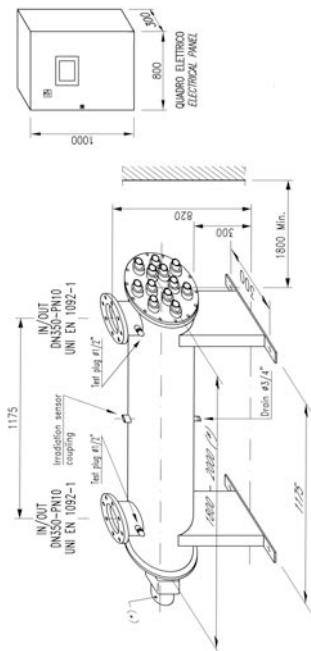
| Ref | Reactor Volume (liter) | Reactor Weight (kg) | In-Out |
|---|--|---------------------|--------|
| HA868A | 150 | 125 | DN250 |
| UV sensor | | | |
| Type | UVC selective sensor Mod. UV737TF | | |
| Sensor cable | shielded cable 4 meters | | |
| Sensor holder material | Stainless steel 316L | | |
| Control panel | | | |
| Material and color | Black Painted Steel (RAL 7035) | | |
| Ambient temperature range | 5 - 45° C | | |
| Lamp cable | 4 mm | | |
| Monitor display | Touch Screen (65.000 colors) | | |
| Multi language display | IT - EN - FR - ES | | |
| Hour meter | For total system life - Resettable for lamp life control | | |
| Lamp control on/off | Yes | | |
| Free contact (N/O) | Yes (max 1,3 A) | | |
| Remote ON/OFF | Yes (settable contact working) | | |
| ON/OFF timer | Yes | | |
| Reactor temperature measurement and alarm | Yes (C°) (shut off for high temperature) | | |
| UV irradiance measurement and alarm | Yes (%) or W/m ²) | | |
| 4/20 mA output | Yes for irradiance temperature | | |

Industrial Flanged Multilamp U.V. Sterilizers in AISI 316L 400 W Series



| Ref | Reactor Volume (liter) | Reactor Weight (kg) | In-Out |
|---|--|---------------------|--------|
| HA870A | 197 | 175 | DN300 |
| UV sensor | | | |
| Type | UVC selective sensor Mod. UV737TF | | |
| Sensor cable | shielded cable 4 meters | | |
| Sensor holder material | Stainless steel 316L | | |
| Control panel | | | |
| Material and color | Black Painted Steel (RAL 7035) | | |
| Ambient temperature range | 5 - 45° C | | |
| Lamp cable | 4 mm | | |
| Monitor display | Touch Screen (65.000 colors) | | |
| Multi language display | IT - EN - FR - ES | | |
| Hour meter | For total system life - Resettable for lamp life control | | |
| Lamp control on/off | Yes | | |
| Free contact (N/O) | Yes (max 1,3 A) | | |
| Remote ON/OFF | Yes (settable contact working) | | |
| ON/OFF timer | Yes | | |
| Reactor temperature measurement and alarm | Yes (C°) (shut off for high temperature) | | |
| UV irradiance measurement and alarm | Yes (%) or W/m ²) | | |
| 4/20 mA output | Yes for irradiance temperature | | |

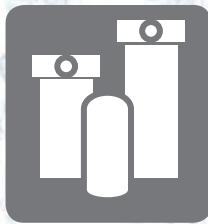
Industrial Flanged Multilamp U.V. Sterilizers in AISI 316L 400 W Series



| Ref | Reactor Volume (liter) | Reactor Weight (kg) | In-Out |
|---|--|---------------------|--------|
| HA872A | 197 | 200 | DN350 |
| UV sensor | | | |
| Type | UVC selective sensor Mod. UV737TF | | |
| Sensor cable | shielded cable 4 meters | | |
| Sensor holder material | Stainless steel 316L | | |
| Control panel | TC | | |
| Material and color | Black Painted Steel (RAL 7035) | | |
| Ambient temperature range | 5 - 45° C | | |
| Lamp cable | 4 mm | | |
| Monitor display | Touch Screen (65.000 colors) | | |
| Multi language display | IT - EN - FR - ES | | |
| Hour meter | For total system life - Resettable for lamp life control | | |
| Lamp control on/off | Yes | | |
| Free contact (N/O) | Yes (max 1,3 A) | | |
| Remote ON/OFF | Yes (settable contact working) | | |
| ON/OFF timer | Yes | | |
| Reactor temperature measurement and alarm | Yes (C°) (shut off for high temperature) | | |
| UV irradiance measurement and alarm | Yes (% or W/m ²) | | |
| 4/20 mA output | Yes for irradiance temperature | | |



WATER TREATMENT COMPONENTS



Filter housings,
cartridges
and polyphosphate
feeders



PP String Wound Filtering Cartridges



- string wound filtering cartridges with core;
- string and core in polypropylene;
- double/triple retention capacity than a compact structure cartridge;
- dimensions external diameter 60 mm, internal diameter 28 mm;
- nominal length 10" or 20";
- suggested filtering flow rate for 10" length: 18÷24 lpm;
- max filtering flow rate for 20" length : 30 lpm;
- max ΔP recommended 1 bar;
- max operating temperature = 60°C.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| FC100 | STRING WOUND CARTRIDGE DLSW-10-01 (9-7/8") | 40 | 100 | • | |
| FC101 | STRING WOUND CARTRIDGE DLSW-10-05 (9-7/8") | 40 | 100 | • | |
| FC102 | STRING WOUND CARTRIDGE DLSW-10-10 (9-7/8") | 40 | 100 | • | |
| FC103 | STRING WOUND CARTRIDGE DLSW-10-20 (9-7/8") | 40 | 100 | • | |
| FC104 | STRING WOUND CARTRIDGE DLSW-10-50 (9-7/8") | 40 | 100 | • | |
| FC105 | STRING WOUND CARTRIDGE DLSW-10-100 (9-7/8") | 40 | 100 | • | |
| FC110 | STRING WOUND CARTRIDGE DLSW-20-01 | 40 | 100 | • | |
| FC111 | STRING WOUND CARTRIDGE DLSW-20-05 | 40 | 100 | • | |
| FC112 | STRING WOUND CARTRIDGE DLSW-20-10 | 40 | 100 | • | |
| FC113 | STRING WOUND CARTRIDGE DLSW-20-20 | 40 | 100 | • | |
| FC114 | STRING WOUND CARTRIDGE DLSW-20-50 | 40 | 100 | • | |
| FC115 | STRING WOUND CARTRIDGE DLSW-20-100 | 40 | 100 | • | |

| Ref | Lenght Nominal (inch) | Lenght (mm) | (micron) |
|-------|-----------------------|-------------|----------|
| FC100 | 10" | 251 | 1 |
| FC101 | 10" | 251 | 5 |
| FC102 | 10" | 251 | 10 |
| FC103 | 10" | 251 | 20 |
| FC104 | 10" | 251 | 50 |
| FC105 | 10" | 251 | 100 |
| FC110 | 20" | 505 | 1 |
| FC111 | 20" | 505 | 5 |
| FC112 | 20" | 505 | 10 |
| FC113 | 20" | 505 | 20 |
| FC114 | 20" | 505 | 50 |
| FC115 | 20" | 505 | 100 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| | | Domestic, Commercial, Industrial |



Melt Blown Filtering Cartridges

- Thermowelded polypropylene fibers cartridges with no lubricants or antistatic additives;
- No migration into the filtered water;
- Wide chemical compatibility;
- High retention capacity & filtration efficiency multilayer structure;
- Filtration efficiency 96 % minimum;
- High retention capacity extends cartridge life;
- External diameter 63 mm, internal 28 mm;
- Nominal length: 10" - 20" - 30" - 40".
- Suggested filtration flow rate for 10" length: 15 ÷ 20 lpm;
- Max filtration flow rate for 40" length: 60 lpm;
- Max ΔP recommended 1,4 bar;
- Max operating temperature = 80°C.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| FC050 | MELT BLOWN CARTRIDGE DLPP-01-10 (9.7/8") | 40 | 100 | • | |
| FC051 | MELT BLOWN CARTRIDGE DLPP-05-10 (9.7/8") | 40 | 100 | • | |
| FC052 | MELT BLOWN CARTRIDGE DLPP-10-10 (9.7/8") | 40 | 100 | • | |
| FC053 | MELT BLOWN CARTRIDGE DLPP-20-10 (9.7/8") | 40 | 100 | • | |
| FC054 | MELT BLOWN CARTRIDGE DLPP-30-10 (9.7/8") | 40 | 100 | • | |
| FC055 | MELT BLOWN CARTRIDGE DLPP-50-10 (9.7/8") | 40 | 100 | • | |
| FC060 | MELT BLOWN CARTRIDGE DLPP-01-20 | 40 | 100 | • | |
| FC061 | MELT BLOWN CARTRIDGE DLPP-05-20 | 40 | 100 | • | |
| FC062 | MELT BLOWN CARTRIDGE DLPP-10-20 | 40 | 100 | • | |
| FC063 | MELT BLOWN CARTRIDGE DLPP-20-20 | 40 | 100 | • | |
| FC064 | MELT BLOWN CARTRIDGE DLPP-30-20 | 40 | 100 | • | |
| FC065 | MELT BLOWN CARTRIDGE DLPP-50-20 | 40 | 100 | • | |
| FC070 | MELT BLOWN CARTRIDGE DLPP-01-30 | 40 | 100 | • | |
| FC071 | MELT BLOWN CARTRIDGE DLPP-05-30 | 40 | 100 | • | |
| FC072 | MELT BLOWN CARTRIDGE DLPP-10-30 | 40 | 100 | • | |
| FC073 | MELT BLOWN CARTRIDGE DLPP-20-30 | 40 | 100 | • | |
| FC074 | MELT BLOWN CARTRIDGE DLPP-30-30 | 40 | 100 | • | |
| FC075 | MELT BLOWN CARTRIDGE DLPP-50-30 | 40 | 100 | • | |
| FC080 | MELT BLOWN CARTRIDGE DLPP-01-40 | 40 | 100 | • | |
| FC081 | MELT BLOWN CARTRIDGE DLPP-05-40 | 40 | 100 | • | |
| FC082 | MELT BLOWN CARTRIDGE DLPP-10-40 | 40 | 100 | • | |
| FC083 | MELT BLOWN CARTRIDGE DLPP-20-40 | 40 | 100 | • | |
| FC084 | MELT BLOWN CARTRIDGE DLPP-30-40 | 40 | 100 | • | |
| FC085 | MELT BLOWN CARTRIDGE DLPP-50-40 | 40 | 100 | • | |



Melt Blown Filtering Cartridges

| Ref | Nominal Length (inch) | Length (mm) | Micron |
|-------|-----------------------|-------------|--------|
| FC050 | 10" | 251 | 1 |
| FC051 | 10" | 251 | 5 |
| FC052 | 10" | 251 | 10 |
| FC053 | 10" | 251 | 20 |
| FC054 | 10" | 251 | 30 |
| FC055 | 10" | 251 | 50 |
| FC060 | 20" | 505 | 1 |
| FC061 | 20" | 505 | 5 |
| FC062 | 20" | 505 | 10 |
| FC063 | 20" | 505 | 20 |
| FC064 | 20" | 505 | 30 |
| FC065 | 20" | 505 | 50 |
| FC070 | 30" | 764 | 1 |
| FC071 | 30" | 764 | 5 |
| FC072 | 30" | 764 | 10 |
| FC073 | 30" | 764 | 20 |
| FC074 | 30" | 764 | 30 |
| FC075 | 30" | 764 | 50 |
| FC080 | 40" | 1018 | 1 |
| FC081 | 40" | 1018 | 5 |
| FC082 | 40" | 1018 | 10 |
| FC083 | 40" | 1018 | 20 |
| FC084 | 40" | 1018 | 30 |
| FC085 | 40" | 1018 | 50 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| DM174-2004 | | Domestic, Commercial, Industrial |



PP Big Sediment Filter Cartridges

- melt-blown polypropylene fibers;
- dimensions 114 mm external diameter;
- dimensions 28 mm internal diameter.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| FA038 | MELT BLOWN CARTRIDGE BIG DLPPBB-01-10 (9.7/8") | 40 | 105 | • | |
| FA034 | MELT BLOWN CARTRIDGE BIG DLPPBB-05-10 (9.7/8") | 40 | 105 | • | |
| FA035 | MELT BLOWN CARTRIDGE BIG DLPPBB-20-10 (9.7/8") | 40 | 105 | • | |
| FA036 | MELT BLOWN CARTRIDGE BIG DLPPBB-50-10 (9.7/8") | 40 | 105 | • | |
| FA039 | MELT BLOWN CARTRIDGE BIG DLPPBB-01-20 | 40 | 105 | • | |
| FA028 | MELT BLOWN CARTRIDGE BIG DLPPBB-05-20 | 40 | 105 | • | |
| FA029 | MELT BLOWN CARTRIDGE BIG DLPPBB-20-20 | 40 | 105 | • | |
| FA037 | MELT BLOWN CARTRIDGE BIG DLPPBB-50-20 | 40 | 105 | • | |

| Ref | Nominal Length (inch) | Length (mm) | Micron |
|-------|-----------------------|-------------|--------|
| FA038 | 10" | 251 | 1 |
| FA034 | 10" | 251 | 5 |
| FA035 | 10" | 251 | 20 |
| FA036 | 10" | 251 | 50 |
| FA039 | 20" | 508 | 1 |
| FA028 | 20" | 508 | 5 |
| FA029 | 20" | 508 | 20 |
| FA037 | 20" | 508 | 50 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| DM174-2004 | | Domestic, Commercial, Industrial |



Purtrex Filtering Cartridges

- in melt-blown polypropylene fibers;
- any microfibers migration in filtered water;
- graduated density from external to internal side improves filter efficiency;
- high retention capacity extends cartridge life;
- external diameter 63 mm, internal 28 mm;
- nominal length 10" - 20" - 30" - 40".
- suggested filtration flow rate for 10" length: 15 ÷ 20 lpm;
- max filtration flow rate for 40" length: 60 lpm;
- max operating temperature = 80°C.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-------------------------------|------|----------|-------------|--|
| FC010 | PURTREX CARTRIDGE PX01-9.7/8" | 40 | 100 | • | |
| FC011 | PURTREX CARTRIDGE PX03-9.7/8" | 40 | 100 | • | |
| FC012 | PURTREX CARTRIDGE PX05-9.7/8" | 40 | 100 | • | |
| FC013 | PURTREX CARTRIDGE PX10-9.7/8" | 40 | 100 | • | |
| FC014 | PURTREX CARTRIDGE PX20-9.7/8" | 40 | 100 | • | |
| FC015 | PURTREX CARTRIDGE PX30-9.7/8" | 40 | 100 | • | |
| FC016 | PURTREX CARTRIDGE PX50-9.7/8" | 40 | 100 | • | |
| FC017 | PURTREX CARTRIDGE PX75-9.7/8" | 40 | 100 | • | |
| FC020 | PURTREX CARTRIDGE PX01-20" | 40 | 100 | • | |
| FC021 | PURTREX CARTRIDGE PX03-20" | 40 | 100 | • | |
| FC022 | PURTREX CARTRIDGE PX05-20" | 40 | 100 | • | |
| FC023 | PURTREX CARTRIDGE PX10-20" | 40 | 100 | • | |
| FC024 | PURTREX CARTRIDGE PX20-20" | 40 | 100 | • | |
| FC025 | PURTREX CARTRIDGE PX30-20" | 40 | 100 | • | |
| FC026 | PURTREX CARTRIDGE PX50-20" | 40 | 100 | • | |
| FC030 | PURTREX CARTRIDGE PX01-30" | 40 | 100 | • | |
| FC031 | PURTREX CARTRIDGE PX03-30" | 40 | 100 | • | |
| FC032 | PURTREX CARTRIDGE PX05-30" | 40 | 100 | • | |
| FC033 | PURTREX CARTRIDGE PX10-30" | 40 | 100 | • | |
| FC034 | PURTREX CARTRIDGE PX20-30" | 40 | 100 | • | |
| FC035 | PURTREX CARTRIDGE PX30-30" | 40 | 100 | • | |
| FC036 | PURTREX CARTRIDGE PX50-30" | 40 | 100 | • | |
| FC040 | PURTREX CARTRIDGE PX01-40" | 40 | 100 | • | |
| FC041 | PURTREX CARTRIDGE PX03-40" | 40 | 100 | • | |
| FC042 | PURTREX CARTRIDGE PX05-40" | 40 | 100 | • | |
| FC043 | PURTREX CARTRIDGE PX10-40" | 40 | 100 | • | |
| FC044 | PURTREX CARTRIDGE PX20-40" | 40 | 100 | • | |
| FC045 | PURTREX CARTRIDGE PX30-40" | 40 | 100 | • | |
| FC046 | PURTREX CARTRIDGE PX50-40" | 40 | 100 | • | |



Purtrex Filtering Cartridges

| Ref | Nominal Length (inch) | Length (mm) | Micron |
|-------|-----------------------|-------------|--------|
| FC010 | 10" | 251 | 1 |
| FC011 | 10" | 251 | 3 |
| FC012 | 10" | 251 | 5 |
| FC013 | 10" | 251 | 10 |
| FC014 | 10" | 251 | 20 |
| FC015 | 10" | 251 | 30 |
| FC016 | 10" | 251 | 50 |
| FC017 | 10" | 251 | 75 |
| FC020 | 20" | 508 | 1 |
| FC021 | 20" | 508 | 3 |
| FC022 | 20" | 508 | 5 |
| FC023 | 20" | 508 | 10 |
| FC024 | 20" | 508 | 20 |
| FC025 | 20" | 508 | 30 |
| FC026 | 20" | 508 | 50 |
| FC030 | 30" | 764 | 1 |
| FC031 | 30" | 764 | 3 |
| FC032 | 30" | 764 | 5 |
| FC033 | 30" | 764 | 10 |
| FC034 | 30" | 764 | 20 |
| FC035 | 30" | 764 | 30 |
| FC036 | 30" | 764 | 50 |
| FC040 | 40" | 1018 | 1 |
| FC041 | 40" | 1018 | 3 |
| FC042 | 40" | 1018 | 5 |
| FC043 | 40" | 1018 | 10 |
| FC044 | 40" | 1018 | 20 |
| FC045 | 40" | 1018 | 30 |
| FC046 | 40" | 1018 | 50 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| FDA21 NSF42 | | Domestic, Commercial, Industrial |



Activated Carbon Filtering Cartridges



Carbon Block End Cap 70

- Extruded activated carbon of Bituminous origin;
- Recommended for pre-filtration applications and for Chlorine removal;
- Dimensions: external diameter = 64 mm (2 ½"); internal diameter = 26 mm (1"); end-cap diameter = 70 mm.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| FA012 | CARBON BLOCK CARTRIDGE CBC 5" CTO 1 MICRON | 40 | 105 | • | |
| FA013 | CARBON BLOCK CARTRIDGE EB-CB -9"7/8 CTO 10 MICRONS | 40 | 105 | • | |
| FA014 | CARBON BLOCK CARTRIDGE CBC 20" CTO 10 MICRON | 40 | 105 | • | |

| Ref | Nominal Length (in ch) | Length (mm) | Microns | Suggested Flow Rate (l/h) | CAP |
|-------|------------------------|-------------|---------|---------------------------|-------|
| FA012 | 5" | 124 | 1 | 120 | White |
| FA013 | 10" | 249 | 10 | 240 | White |
| FA014 | 20" | 508 | 10 | 480 | White |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| DM174-2004 | | Domestic, Commercial, Industrial |



Carbon Block End Cap 65

- Extruded activated carbon of Bituminous origin;
- Recommended for pre-filtration applications and for Chlorine removal;
- Dimensions: external diameter = 62 mm; internal diameter = 30 mm; end-cap diameter = 65 mm.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| FA018 | CARBON BLOCK CARTRIDGE 10" CTO 10 MICRON END CAP 65 | 40 | 105 | • | |
| FA019 | CARBON BLOCK CARTRIDGE 20" CTO 10 MICRON END CAP 65 | 40 | 105 | • | |

| Ref | Nominal Length (in ch) | Length (mm) | Micron | Suggested Flow Rate(l/h) | CAP |
|-------|------------------------|-------------|--------|--------------------------|-------|
| FA018 | 10" | 249 | 10 | 240 | White |
| FA019 | 20" | 508 | 10 | 480 | White |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| DM174-2004 | | Domestic, Commercial, Industrial |



Activated Carbon Filtering Cartridges



Big Carbon Block

- Bituminous carbon block.
- Suitable for pre-filtration applications and for Chlorine removal.
- Dimensions: external diameter = 108 mm (4 1/4"); internal diameter = 25 mm (1) ; end-cap diameter = 113 mm.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| FA016 | CARBON BLOCK CARTRIDGE CBC 10" BIG CTO 5 MICRON | 40 | 105 | • | |
| FA015 | CARBON BLOCK CARTRIDGE CBC 20" BIG CTO 5 MICRON | 40 | 105 | • | |

| Ref | Nominal Length (inch) | Length (mm) | Micron | Suggested Flow Rate(l/h) |
|-------|-----------------------|-------------|--------|--------------------------|
| FA016 | 10" | 254 | 5 | 800 |
| FA015 | 20" | 254 | 5 | 1600 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| DM174-2004 | | Domestic, Commercial, Industrial |

Wound PP & activated carbon

- wound polypropylene cartridge with granular activated carbon inside; 10 micron;
- external diameter 64 mm, internal 27 mm;
- nominal length 10";
- length 251 mm.
- medium flow = 800 l/h

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| FA058 | STRING WOUND ACTIVATED CARBON CARTRIDGE LUNGH. 10" | 40 | 105 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| | | Domestic, Commercial, Industrial |

Granular activated carbon

- PE container cartridge empty or with granular activated carbon;
- external diameter 72 mm;
- nominal length 10";
- length 256 mm.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---------------------------------|------|----------|-------------|--|
| FA007 | GAC CARTRIDGE 10N 9"7/8 VEGETAL | 40 | 105 | • | |
| FA008 | EMPTY CARTRIDGE 10N 9" 7/8 | 40 | 105 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| | | Domestic, Commercial, Industrial |





AISI 304 Cartridges for OTC Housings

AISI 304 Cartridges for OTC 12 Housings

- washable;
- to install with washable cartridge filters OTC 12 on catalogue.



| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|-------------------------------|------|--------------|----------------|--|
| FB221 | WASHABLE SLEEVE NYLON 60 / 12 | 40 | 112 | • | |

| Ref | Description | Filtration Degree (micron) | | |
|-------|-------------------------------|----------------------------|--|--|
| FB221 | WASHABLE SLEEVE NYLON 60 / 12 | 60 | | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------|
| | | Domestic, Commercial |

AISI 304 Cartridges for OTC 34 - 1 - 114 Housings

- washable;
- to install with:
- - washable cartridge filters OTC 34 - 1 - 114 on catalogue;
- - 10" hot water filters, except for nylon filtering cartridge REF. FB224.



| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|--------------------------------------|------|--------------|----------------|--|
| FB224 | COMPLETE CARTRIDGE NYLON 60/34-1-114 | 40 | 112 | • | |
| FB225 | INOX CARTRIDGE 25/34-1-114 | 40 | 112 | • | |
| FB228 | INOX CARTRIDGE 60 / 34-1-114 | 40 | 112 | • | |
| FB231 | INOX CARTRIDGE 100/ 34 - 1 - 114 | 40 | 112 | • | |
| FB234 | INOX CARTRIDGE 200/ 34 - 1 - 114 | 40 | 112 | • | |
| FB237 | INOX CARTRIDGE 300/34 - 1 - 114 | 40 | 112 | • | |

| Ref | Filtration Degree (micron) | Material |
|-------|----------------------------|----------|
| FB224 | 60 | NYLON |
| FB225 | 25 | AISI 304 |
| FB228 | 60 | AISI 304 |
| FB231 | 100 | AISI 304 |
| FB234 | 200 | AISI 304 |
| FB237 | 300 | AISI 304 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------|
| | | Domestic, Commercial |



AISI 304 Cartridges for OTC 112 - 2 Housings

- washable;
- to install with washable cartridge filters OTC 112 - 2 on catalogue.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-----------------------------|------|----------|-------------|--|
| FB226 | INOX CARTRIDGE 25/112-2 | 40 | 112 | • | |
| FB229 | INOX CARTRIDGE 60 / 112-2 | 40 | 112 | • | |
| FB232 | INOX CARTRIDGE 100/ 112 - 2 | 40 | 112 | • | |
| FB235 | INOX CARTRIDGE 200/112 - 2 | 40 | 112 | • | |
| FB238 | INOX CARTRIDGE 300/112 - 2 | 40 | 112 | • | |

| Ref | Filtration Degree (micron) | Material |
|-------|----------------------------|----------|
| FB226 | 25 | AISI 304 |
| FB229 | 60 | AISI 304 |
| FB232 | 100 | AISI 304 |
| FB235 | 200 | AISI 304 |
| FB238 | 300 | AISI 304 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------|
| | | Domestic, Commercial |

Filtering Cartridges

DOE Polyester Filtering Cartridges for MT, MD & OTS Housings

- Washable, with filtration degree 50 micron;
- External diameter 70 mm, internal 30 mm;
- Max operating temperature 45°C.



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|----------|--|------|----------|-------------|--|
| FARP1050 | 10" CARTRIDGE POLYESTER WASHABLE NET 50 MICRON | 40 | 105 | • | |
| FARP2050 | 20" CARTRIDGE POLYESTER WASHABLE NET 50 MICRON | 40 | 105 | • | |

| Ref | Nominal Length (pollici) | Length (mm) |
|----------|--------------------------|-------------|
| FARP1050 | 10" | 250 |
| FARP2050 | 20" | 505 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|----------------|--------------|----------|
| DM174-2004 ACS | MWG | Domestic |



DOE Nylon Filtering Cartridges for OTS Housings

- Washable, with filtration degree 60 micron;
- External diameter 62 mm, internal 27 mm.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-----------------------------------|------|----------|-------------|--|
| FA067 | WASHABLE CARTRIDGE NYLON NL 60-9 | 40 | 105 | • | |
| FA068 | WASHABLE NYLON CARTRIDGE NL 60-20 | 40 | 105 | • | |

| Ref | Nominal Length (pollici) | Length (mm) |
|-------|--------------------------|-------------|
| FA067 | 10" | 248 |
| FA068 | 20" | 505 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| | | Domestic, Commercial, Industrial |

OR222 Nylon Filtering Cartridges for OTS Housings

- Washable, with filtration degree 60 micron;
- To fit into OTS brass head housings 1 ¼" - 1 ½" - 2" models;
- External diameter 61 mm;
- With 222 O-rings;
- Max ΔP recommended 1,4 bar.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| FB067 | WASHABLE NYLON CARTRIDGE 60 MICRON OTS 10" - OR222 | 40 | 105 | • | |
| FB068 | WASHABLE CARTRIDGE NYLON 60 MICRON OTS 20" - OR222 | 40 | 105 | • | |

| Ref | Nominal Length (inch) | Length (mm) | Flow Δp=0,2 bar (l/h) |
|-------|-----------------------|-------------|-----------------------|
| FB067 | 10" | 250 | 1800 |
| FB068 | 20" | 505 | 3600 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|----------------|--------------|----------------------|
| DM174-2004 ACS | | Domestic, Commercial |



Filtering Cartridges

AISI 316 Filtering Cartridges for Hot Water Filter Housings

- Washable and suitable for Hot Water Filter Housings on catalog;
- Dimensions external diameter 70 mm, internal 30 mm;
- Length 250 mm and nominal length 10";
- max operating temperature 80°C.

| Ref | Description | | | Fam. | Subfa. m. | Disp. Stock | |
|----------------|--|--------------|---------------|----------------------------------|----------------|----------------|--|
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight | | |
| FAAL1070 | AISI 316 SMOOTH CARTRIDGE 10"-70 MICRON | | | 40 | 105 | • | |
| FAAP1050 | AISI 316 PLEATED CARTRIDGE 10"-50 MICRON | | | 40 | 105 | • | |
| Certificates | | Manufacturer | | Sectors | | | |
| DM174-2004 ACS | | MWG | | Domestic, Commercial, Industrial | | | |

Nylon Mesh Filtering Cartridge with PP Reinforcement

- Washable cartridge with closing rings;
- Filtration degree 60 micron;
- Dimensions external diameter 62 mm, internal 27 mm;
- Length 250 mm and nominal length 10";
- Nylon mesh spare (REF. FB222).

| Ref | Description | | | Fam. | Subfa. m. | Disp. Stock | |
|--------------|---------------------------------|--------------|---------------|----------------------------------|----------------|----------------|--|
| FA060 | WASHABLE NYLON CARTRIDGE CLA 60 | | | 40 | 105 | • | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight | | |
| Certificates | | Manufacturer | | Sectors | | | |
| | | | | Domestic, Commercial, Industrial | | | |

Wound Polypropylene Cartridge with AISI 316 Core for Hot Water Filters

- To install with our Hot Water Filters on catalogue;
- dimensions external diameter 56 mm, internal 27 mm;
- length 250 mm, nominal length 10";
- max operating temperature 80°C.

| Ref | Description | | | Fam. | Subfa. m. | Disp. Stock | |
|--------------|-------------------------------------|--------------|--|----------------------------------|--------------|----------------|--|
| FA071 | STRING WOUND CARTRIDGE PAX 05-9 3/4 | | | 40 | 105 | • | |
| FA072 | STRING WOUND CARTRIDGE PAX 10-9 3/4 | | | 40 | 105 | • | |
| FA073 | STRING WOUND CARTRIDGE PAX 20-9 3/4 | | | 40 | 105 | • | |
| FA074 | STRING WOUND CARTRIDGE PAX 50-9 3/4 | | | 40 | 105 | • | |
| Ref | Description | | | Micron | | | |
| FA071 | STRING WOUND CARTRIDGE PAX 05-9 3/4 | | | 5 | | | |
| FA072 | STRING WOUND CARTRIDGE PAX 10-9 3/4 | | | 10 | | | |
| FA073 | STRING WOUND CARTRIDGE PAX 20-9 3/4 | | | 20 | | | |
| FA074 | STRING WOUND CARTRIDGE PAX 50-9 3/4 | | | 50 | | | |
| Certificates | | Manufacturer | | Sectors | | | |
| | | | | Domestic, Commercial, Industrial | | | |





Filtering Cartridges

Empty Cartridges

- plastic empty cartridge;
- external diameter 70 mm;
- useful to fill with polyphosphate crystals - activated carbon - resins.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---------------------|------|----------|-------------|--|
| FAVP10 | EMPTY CARTRIDGE 10" | 40 | 105 | • | |
| FAVP20 | EMPTY CARTRIDGE 20" | 40 | 105 | • | |

| Ref | Nominal Lenght (inch) | Lenght (mm) | Volume (Liters) |
|--------|-----------------------|-------------|-----------------|
| FAVP10 | 10" | 252 | 0,6 |
| FAVP20 | 20" | 510 | 1,2 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| DM174-2004 | MWG | Domestic |

Anti-scale Cartridges with Polyphosphate Crystals.

- Plastic cartridge;
- External diameter 70 mm;
- Shipped with polyphosphate crystals 10 ÷ 20 mm;
- Maximum temperature = 35°C;
- Maximum total hardness = 50°f (500 ppm CaCO₃) ;
- The polyphosphate complies with the standard UNI EN 1208:2005.



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|----------|--|------|----------|-------------|--|
| FAPP1012 | MWG 10" CARTRIDGE WITH 10-20 MM POLYPH. CRYSTALS | 40 | 105 | • | |
| FAPP2012 | MWG 10" CARTRIDGE WITH 10-20 MM POLYPH. CRYSTALS | 40 | 105 | • | |

| Ref | Nominal Lenght (inch) | Lenght (mm) |
|----------|-----------------------|-------------|
| FAPP1012 | 10" | 252 |
| FAPP2012 | 20" | 510 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| | MWG | Domestic, Commercial, Industrial |

PP Melt Blown 5" Filtering Cartridge

- melt blown polypropylene fibers cartridge; dimensions external diameter 64 mm, internal 25 mm.



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---------------------------------------|------|----------|-------------|--|
| FA021 | IN FIBER CARTRIDGE PP 5" SED 5 MICRON | 40 | 105 | • | |

| Ref | Nominal Lenght (inch) | Lenght (mm) | Micron |
|-------|-----------------------|-------------|--------|
| FA021 | 10" | 252 | 5 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| | | Domestic, Commercial, Industrial |



MM Mini Three Pieces Filter Housings

- Made in European Union (Italy);
- Suitable for MINI filtering cartridges 5" length;
- Head and nut material ABS blue colour;
- IN/OUT connections 1/2" with brass inserts;
- Sump in SAN clear and O-ring in EPDM material;
- Max operating pressure 8 bar;
- Temperature range = 4 ÷ 45°C.

| Ref | Description | | | Fam. | Subfa m. | Disp. Stock | |
|--------------------------|--|-------------|---------------|----------------------|----------------|-------------|--|
| FBMM0505T | MINI FILETR HOUSING 1/2" - L=5" CLEAR BOWL | | | 40 | 106 | • | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight | | |
| | | | | | | | |
| Certificates | Manufacturer | | | Sectors | | | |
| DM174-2004 DM25-2012 ACS | MWG | | | Domestic, Commercial | | | |

Cartridges to coupling, MINI Wound PP Thread Filtering Cartridge

- Filtering degree 25 micron;
- Dimensions external diameter 45 mm, internal 18 mm;
- Length 5" (= 122 mm).

| Ref | Description | | | Fam. | Subfa m. | Disp. Stock | |
|----------------|---|-------------|---------------|--------------|----------------|-------------|--|
| FAMM0525 | 5" MINI CARTRIDGE PP WOUND THREAD 25 MICRON | | | 40 | 105 | • | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight | | |
| | | | | | | | |
| Certificates | Manufacturer | | | Sectors | | | |
| DM174-2004 ACS | MWG | | | Domestic | | | |

Washable MINI Filtering Cartridge with Net in Polyester

- Washable MINI cartridge in Polyester;
- Filtering degree 50 micron;
- Dimensions external diameter 50 mm, internal 20 mm;
- Length 5" (= 122 mm).

| Ref | Description | | | Fam. | Subfa m. | Disp. Stock | |
|----------------|--|-------------|---------------|--------------|----------------|-------------|--|
| FAMM0550 | 5" MINI CARTRIDGE POLYESTER WASHABLE NET 50 MICRON | | | 40 | 105 | • | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight | | |
| | | | | | | | |
| Certificates | Manufacturer | | | Sectors | | | |
| DM174-2004 ACS | MWG | | | Domestic | | | |

Accessories

| Ref | Description | | | Fam. | Subfa m. | Disp. Stock | |
|---------|---|--|--|------|----------|-------------|--|
| FBMMR11 | PLASTIC SPANNER FOR FILTER MM | | | 40 | 106 | • | |
| FBMMR41 | DIFFUSER TUBE 5" FOR FILTER MM | | | 40 | 106 | • | |
| FBMDR31 | PLASTIC NIPPLE 3/4" BSPP W/O-RING FOR FILTER MD/MM/MT | | | 40 | 106 | • | |



Residential Cintropur Filters

- range of filters for drinking water entirely made in synthetic material;
- the particular centrifugal effect causes the precipitation of larger particles, while the final filtration is assured by the filter sleeve;
- the filters include the sleeve at 25 micron;
- also available sleeves at 1, 10, 50 and 100 micron as spare parts;
- wrench and two complete connections included;
- max operating pressure 10 bar;
- max operating temperature 50°C.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| FB400 | FILTER CINTROPUR NW18-3/4" - 25 MICRON | 40 | 113 | • | |
| FB401 | FILTER CINTROPUR NW 25-3/4" - 25 MICRON | 40 | 113 | • | |
| FB402 | FILTER CINTROPUR NW 25-1" - 25 MICRON | 40 | 113 | • | |
| FB403 | FILTER CINTROPUR NW 32-1 1/4" - 25 MICRON | 40 | 113 | • | |

| Ref | Connections | Flow m³/h Δp 0,2 bar | Height (mm) | Width (mm) |
|-------|-------------|----------------------|-------------|------------|
| FB400 | ¾" | 3,5 | 240 | 270 |
| FB401 | ¾" | 5,5 | 355 | 270 |
| FB402 | 1" | 5,5 | 355 | 270 |
| FB403 | 1 ¼" | 6,5 | 540 | 270 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|----------------|--------------|----------------------|
| DM174-2004 ACS | Cintropur | Domestic, Commercial |

Accessories and spare parts

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| FB470 | SPANNER NW18/25/32 REF. 21 | 40 | 112 | • | |
| FB471 | DRINE BALL VALVE 1/4" NW 18/25/32 REF 22 | 40 | 112 | | |
| FB472 | MANOMETER 1/8" SCALE 0-10 BAR NW 18/25/32 REF 23 | 40 | 112 | • | |
| FB473 | SINGLE PP MOUNTING BRACKET NW18/25/32 REF. 24 | 40 | 112 | • | |
| FB444 | N. 5 SPARE SLEEVES KIT 1 MICRON NW 25 | 40 | 112 | • | |
| FB426 | N. 5 SPARE SLEEVES KIT 10 MICRONS NW 25 | 40 | 112 | • | |
| FB427 | N. 5 SPARE SLEEVES KIT 25 MICRONS NW 25 | 40 | 112 | • | |
| FB428 | N. 5 SPARE SLEEVES KIT 50 MICRONS NW 25 | 40 | 112 | • | |
| FB429 | N. 5 SPARE SLEEVES KIT 100 MICRONS NW 25 | 40 | 112 | • | |
| FB445 | N. 5 SPARE SLEEVES KIT 1 MICRON NW 32 | 40 | 112 | • | |
| FB432 | N. 5 SPARE SLEEVES KIT 10 MICRONS NW 32 | 40 | 112 | • | |
| FB433 | N. 5 SPARE SLEEVES KIT 25 MICRONS NW 32 | 40 | 112 | • | |
| FB434 | N. 5 SPARE SLEEVES KIT 50 MICRONS NW 32 | 40 | 112 | • | |
| FB435 | N. 5 SPARE SLEEVES KIT 100 MICRONS NW 32 | 40 | 112 | • | |



Commercial Cintropur Filters

- range of filters for drinking water entirely made in synthetic material;
- the particular centrifugal effect causes the precipitation of larger particles, while the final filtration is assured by the filter sleeve;
- the filters include the sleeve at 25 micron;
- also available sleeves at 1, 5, 10, 50, 100, 150 and 300 micron as spare parts;
- wrench, pressure gauge and drain cock included;
- max operating pressure 10 bar;
- max pressure 16 bar;
- max operating temperature 50°C.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| FB404 | FILTER CINTROPUR NW 280-1" - 25 MICRON | 40 | 113 | • | |
| FB405 | FILTER CINTROPUR NW 340-1"1/4 - 25 MICRON | 40 | 113 | • | |
| FB406 | FILTER CINTROPUR NW 400-1,5" - 25 MICRON | 40 | 113 | • | |

| Ref | Flow m3/h Δp 0,2 bar | Weight (kg) | Connections | Ø Pipe | A (mm) | B (mm) |
|-------|----------------------|-------------|-------------|--------|--------|--------|
| FB404 | 7 | 2,2 | 1" BSPT | 1" | 284 | 472 |
| FB405 | 10 | 2,7 | 1¼"BSPT | 1 ¼" | 284 | 573 |
| FB406 | 12 | 2,9 | 1½"BSPT | 1 ½" | 284 | 675 |

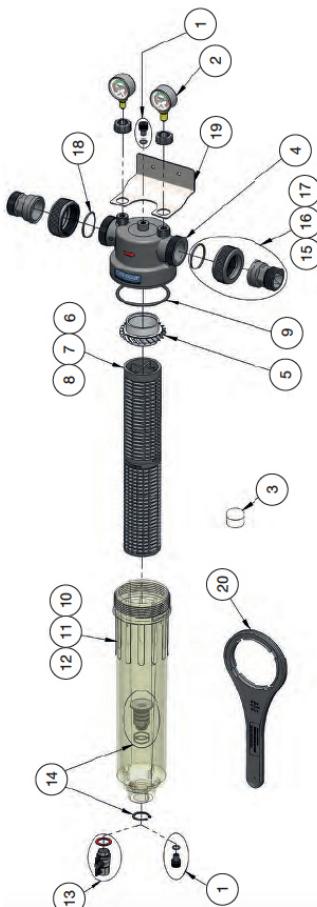
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|----------------|--------------|------------|
| DM174-2004 ACS | Cintropur | Commercial |



Filter housings, cartridges and polyphosphate feeders

2020--459



| Rif. | Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-----------|--------|--|------|--------------|----------------|--|
| 1 | FB487C | NW280/340/400 AIR VALVE KIT (WITH O-RING) | 40 | 112 | | |
| 2 | FB492C | NW280/340/400/500/650/800 1/4" PRESSURE GAUGE 0÷20 BAR | 40 | 112 | | |
| 3 | FB450C | GREASE FOR O-RING (20G) | 40 | 112 | | |
| 4 | FB480C | NW280/340/400 FILTER HEAD | 40 | 112 | | |
| 5 | FB483C | NW280/340/400 CENTRIFUGAL VANE | 40 | 112 | | |
| 6 | FB452C | NW280 PVC FILTERING SUPPORT ARMOR | 40 | 112 | | |
| 7 | FB453C | NW340 PVC FILTERING SUPPORT ARMOR | 40 | 112 | | |
| 8 | FB454C | NW400 PVC FILTERING SUPPORT ARMOR | 40 | 112 | | |
| 9 | FB486C | NW280/340/400 HEAD O-RING | 40 | 112 | | |
| 10 | FB465C | NW280 CLEAR BOWL | 40 | 112 | | |
| 11 | FB488C | NW340 CLEAR BOWL | 40 | 112 | | |
| 12 | FB489C | NW400 CLEAR BOWL | 40 | 112 | | |
| 13 | FB471C | NW280/340/400 DRAIN COCK 1/2" + GASKET | 40 | 112 | | |
| 14 | FB491C | NW280/340/400 DRAIN VALVE ADAPTER + 2 O-RING + CLIPS | 40 | 112 | • | |
| 15 | FB494C | NW280 SET OF 2 COMPLETE COUPLINGS 1" M | 40 | 112 | | |
| 16 | FB495C | NW340 SET OF 2 COMPLETE COUPLINGS 1 1/4" M | 40 | 112 | | |
| 17 | FB496C | NW400 SET OF 2 COMPLETE COUPLINGS 1 1/2" M | 40 | 112 | | |
| 18 | FB499C | O-RING FOR NW280/340/400 CONNECTIONS | 40 | 112 | | |
| 19 | FB497C | NW280/340/400 WALL BRACKET IN STAINLESS STEEL | 40 | 112 | • | |
| 20 | FB479C | NW280/340/400 WRENCH | 40 | 112 | • | |
| N.Visual. | FB444C | N. 5 SPARE SLEEVES KIT 1 MICRON NW 280 | 40 | 112 | • | |
| N.Visual. | FB437C | N. 5 SPARE SLEEVES KIT 5 MICRON NW 280 | 40 | 112 | • | |
| N.Visual. | FB438C | N. 5 SPARE SLEEVES KIT 10 MICRON NW 280 | 40 | 112 | • | |
| N.Visual. | FB439C | N. 5 SPARE SLEEVES KIT 25 MICRON NW 280 | 40 | 112 | • | |
| N.Visual. | FB440C | N. 5 SPARE SLEEVES KIT 50 MICRON NW 280 | 40 | 112 | • | |
| N.Visual. | FB441C | N. 5 SPARE SLEEVES KIT 100 MICRON NW 280 | 40 | 112 | • | |
| N.Visual. | FB442C | N. 5 SPARE SLEEVES KIT 150 MICRON WASHABLE NW 280 | 40 | 112 | • | |
| N.Visual. | FB443C | N. 5 SPARE SLEEVES KIT 300 MICRON WASHABLE NW 280 | 40 | 112 | • | |
| N.Visual. | FB444D | N. 5 SPARE SLEEVES KIT 1 MICRON NW 340 | 40 | 112 | • | |
| N.Visual. | FB437D | N. 5 SPARE SLEEVES KIT 5 MICRON NW 340 | 40 | 112 | • | |
| N.Visual. | FB438D | N. 5 SPARE SLEEVES KIT 10 MICRON NW 340 | 40 | 112 | • | |
| N.Visual. | FB439D | N. 5 SPARE SLEEVES KIT 25 MICRON NW 340 | 40 | 112 | • | |
| N.Visual. | FB440D | N. 5 SPARE SLEEVES KIT 50 MICRON NW 340 | 40 | 112 | • | |
| N.Visual. | FB441D | N. 5 SPARE SLEEVES KIT 100 MICRON NW 340 | 40 | 112 | • | |
| N.Visual. | FB442D | N. 5 SPARE SLEEVES KIT 150 MICRON WASHABLE NW 340 | 40 | 112 | • | |
| N.Visual. | FB443D | N. 5 SPARE SLEEVES KIT 300 MICRON WASHABLE NW 340 | 40 | 112 | • | |
| N.Visual. | FB444E | N. 5 SPARE SLEEVES KIT 1 MICRON NW 400 | 40 | 112 | • | |
| N.Visual. | FB437E | N. 5 SPARE SLEEVES KIT 5 MICRON NW 400 | 40 | 112 | • | |
| N.Visual. | FB438E | N. 5 SPARE SLEEVES KIT 10 MICRON NW 400 | 40 | 112 | • | |
| N.Visual. | FB439E | N. 5 SPARE SLEEVES KIT 25 MICRON NW 400 | 40 | 112 | • | |
| N.Visual. | FB440E | N. 5 SPARE SLEEVES KIT 50 MICRON NW 400 | 40 | 112 | • | |
| N.Visual. | FB441E | N. 5 SPARE SLEEVES KIT 100 MICRON NW 400 | 40 | 112 | • | |
| N.Visual. | FB442E | N. 5 SPARE SLEEVES KIT 150 MICRON WASHABLE NW 400 | 40 | 112 | • | |
| N.Visual. | FB443E | N. 5 SPARE SLEEVES KIT 300 MICRON WASHABLE NW 400 | 40 | 112 | • | |



Industrial Cintropur Filters

- range of filters for drinking water entirely made in synthetic material;
- the particular centrifugal effect causes the precipitation of larger particles, while the final filtration is assured by the filter sleeve;
- the filters include the sleeve at 25 micron;
- also available sleeves at 5, 10, 50, 100, 150 and 300 micron as spare parts;
- wrench, pressure gauge and drain cock included;
- max operating pressure 10 bar;
- max pressure 16 bar;
- max operating temperature 50°C.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|---|------|----------|-------------|--|
| FB408A | FILTER CINTROPUR NW 500-2" - 25 MICRON | 40 | 113 | • | |
| FB408TE | FILTER CINTROPUR NW 500 - 2" - TE | 40 | 113 | • | |
| FB409A | FILTER CINTROPUR NW 650-2"1/2 - 25 MICRON | 40 | 113 | • | |
| FB410A | FILTER CINTROPUR NW 800-3" - 25 MICRON | 40 | 113 | • | |

| Ref | Flow m ³ /h con Δp 0,2 bar | Weight (kg) | Connections | Ø Pipe | A (mm) | B (mm) |
|---------|---------------------------------------|-------------|-------------|--------|--------|--------|
| FB408A | 18 | 6,4 | 2" BSPT | 2" | 363 | 770 |
| FB408TE | 2 | 6,4 | 2" BSPT | 2" | 363 | 770 |
| FB409A | 25 | 7,0 | DN65 | 2 ½" | 304 | 770 |
| FB410A | 32 | 7,4 | DN80 | 3" | 313 | 770 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|----------------|--------------|------------------------|
| DM174-2004 ACS | Cintropur | Commercial, Industrial |

Industrial Cintropur Filters



Spare Parts and Accessories

| Rif. N. | Ref | Description | Fam. | Subfam. | Disp. Stock | |
|-----------|--------|---|------|---------|-------------|--|
| 33 | FB487 | PURGE/DRAIN FITTING KIT W/O-RING NW50/62/75/500/650/800 REF. 33 | 40 | 112 | | |
| 50 | FB480A | FILTER HEAD NW500/650 REF. 50 | 40 | 112 | | |
| 51 | FB482A | FILTER HEAD NW800 REF. 51 | 40 | 112 | | |
| 52 | FB483A | TURBINE + FIXING SCREW NW500/650/800 REF. 52 | 40 | 112 | | |
| 53 | FB484A | SUPPORT ARMOR NW500/650/800 REF.53 | 40 | 112 | | |
| 54 | FB485A | CARTRIDGE CLOSURE CAP NW500/650/800 REF.54 | 40 | 112 | | |
| 55 | FB486A | HEAD O-RING NW500/650/800 REF. 55 | 40 | 112 | | |
| 56 | FB488A | TRANSPARENT BOWL NW500/650/800 REF. 56 | 40 | 112 | | |
| 58 | FB489A | BLACK BOWL NW500/650/800 REF. 58 | 40 | 112 | | |
| 59 | FB490A | DIFFUSER KIT NW500/650/800 REF. 59 | 40 | 112 | | |
| 60 | FB491A | DRAIN VALVE ADAPTER W/O-RING NW500/650/800 REF. 60 | 40 | 112 | • | |
| 61 | FB491B | DRAIN BALL VALVE 3/4" NW500/650/800 REF. 61 | 40 | 112 | • | |
| 62 | FB479 | SPANNER NW500/650/800 REF. 62 | 40 | 112 | • | |
| 63 | FB494A | KIT PLASTIC NUT + 2" MALE MANIFOLD NW500 REF. 63 | 40 | 112 | | |
| 64 | FB495A | KIT PLASTIC MANIFOLD FLANGE DN65 NW650 REF. 64 | 40 | 112 | | |
| 65 | FB496A | KIT PLASTIC MANIFOLD FLANGE DN80 NW800 REF. 65 | 40 | 112 | | |
| 66 | FB497A | SINGLE S.S MOUNTING BRACKET NW500/650/800 REF. 66 | 40 | 112 | • | |
| 69 | FB492C | NW280/340/400/500/650/800 1/4" PRESSURE GAUGE 0÷20 BAR | 40 | 112 | | |
| 70 | FB499 | MANIFOLD O-RING CONNECTIONS NW500/650 REF. 70 | 40 | 112 | | |
| 71 | FB499A | MANIFOLD O-RING CONNECTIONS NW800 REF. 71 | 40 | 112 | | |
| N. Visual | FB498 | EPDM PLANE GASKET DN65 NW650 REF. 67 | 40 | 112 | | |
| N. Visual | FB498A | EPDM PLANE GASKET DN80 NW650 REF. 68 | 40 | 112 | | |
| N. Visual | FB437 | N. 5 SPARE SLEEVES KIT 5 MICRONS NW 50/62/75/500/650/800 | 40 | 112 | • | |
| N. Visual | FB438 | N. 5 SPARE SLEEVES KIT 10 MICRONS NW 50/62/75/500/650/800 | 40 | 112 | • | |
| N. Visual | FB439 | N. 5 SPARE SLEEVES KIT 25 MICRONS NW 50/62/75/500/650/800 | 40 | 112 | • | |
| N. Visual | FB440 | N. 5 SPARE SLEEVES KIT 50 MICRONS NW 50/62/75/500/650/800 | 40 | 112 | • | |
| N. Visual | FB441 | N. 5 SPARE SLEEVES KIT 100 MICRONS NW 50/62/75/500/650/800 | 40 | 112 | • | |
| N. Visual | FB442 | N. 5 SPARE SLEEVES KIT WASHABLE 150 MICRONS NW 50/62/75/500/650/800 | 40 | 112 | • | |
| N. Visual | FB443 | N. 5 SPARE SLEEVES KIT WASHABLE 300 MICRONS NW 50/62/75/500/650/800 | 40 | 112 | • | |



MD Two Pieces Filter Housings IN/OUT connections 3/4"

- Made in European Union (Italy);
- Two pieces filter housings for standard filtering cartridges length 5", 10" or 20";
- Fixable head in material PP reinforced blue colour;
- Sump in PET;
- O-ring in EPDM;
- IN/OUT connections 3/4" BSPP F;
- With air valve;
- Max operating pressure 8 bar;
- Temperature 4 ÷ 45°C.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|---|------|----------|-------------|--|
| FBMD0507B | TWO PIECES FILTER HOUSING 3/4" - L=5" BLUE BOWL | 40 | 106 | | |
| FBMD1007T | TWO PIECES FILTER HOUSING 3/4" - L=10" CLEAR BOWL | 40 | 106 | • | |
| FBMD1007B | TWO PIECES FILTER HOUSING 3/4" - L=10" BLUE BOWL | 40 | 106 | • | |
| FBMD2007T | TWO PIECES FILTER HOUSING 3/4" - L=20" CLEAR BOWL | 40 | 106 | • | |
| FBMD2007B | TWO PIECES FILTER HOUSING 3/4" - L=20" BLUE BOWL | 40 | 106 | • | |

| Ref | Head Dimension (mm) | Total Length (mm) |
|-----------|---------------------|-------------------|
| FBMD0507B | 122 | 185 |
| FBMD1007T | 122 | 325 |
| FBMD1007B | 122 | 325 |
| FBMD2007T | 122 | 577 |
| FBMD2007B | 122 | 577 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------------|--------------|----------------------|
| DM174-2004 DM25-2012 ACS | MWG | Domestic, Commercial |

Spare Parts and Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|---|------|----------|-------------|--|
| FBMDR11 | PLASTIC SPANNER FOR FILTER MD | 40 | 106 | • | |
| FBMDR21 | BLUE PLASTIC BRACKET WITH SCREWS FOR FILTER MD AND MT | 40 | 106 | • | |
| FBMDR31 | PLASTIC NIPPLE 3/4" BSPP W/O-RING FOR FILTER MD/MM/MT | 40 | 106 | • | |
| FBMDR52 | BLUE HEAD FOR MD 3/4" BSPP FILTER HOUSING | 40 | 106 | | |
| FBMDR61 | BOWL BLUE 10" FOR MD FILTER HOUSINGS + O-RING | 40 | 106 | • | |
| FBMDR62 | BOWL CLEAR 10" FOR MD FILTER HOUSINGS + O-RING | 40 | 106 | • | |
| FBMDR65 | BOWL BLUE 20" FOR MD FILTER HOUSINGS + O-RING | 40 | 106 | • | |
| FBMDR66 | BOWL CLEAR 20" FOR MD FILTER HOUSINGS + O-RING | 40 | 106 | • | |
| FBMDR71 | O-RING FOR HEAD MD FILTER HOUSINGS | 40 | 106 | • | |



BG Plastic BIG Filter Housings

- Made in European Union (Italy);
- Suitable for 4 ½" diameter DOE high flow cartridges;
- Fixable head;
- Material in PP;
- O-ring in EPDM;
- complete with air valve
- Max operating pressure 8,3 bar;
- Temperature 4 ÷ 45°C;
- IN/OUT connections BSPP;
- With plastic wrench (ref. FBBGR11).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|---|------|----------|-------------|--|
| FBBG1010B | FILTER HOUSING BIG L=10" -1" BLUE BOWL WITH KEY | 40 | 106 | • | |
| FBBG1015B | FILTER HOUSING BIG L=10" 1 1/2" BLUE BOWL WITH KEY | 40 | 106 | • | |
| FBBG2010B | FILTER HOUSING BIG L=20"- 1" BLUE BOWL WITH KEY | 40 | 106 | • | |
| FBBG2015B | FILTER HOUSING BIG L=20"- 1 1/2" BLUE BOWL WITH KEY | 40 | 106 | • | |

| Ref | In/Out Connection (inch) | Head Dimension (mm) | Total Length (mm) |
|-----------|--------------------------|---------------------|-------------------|
| FBBG1010B | 1" F | 190 | 360 |
| FBBG1015B | 1½" F | 190 | 360 |
| FBBG2010B | 1" F | 190 | 617 |
| FBBG2015B | 1½" F | 190 | 617 |

| Certificates | Manufacturer | Sectors |
|----------------------|--------------|----------------------|
| DM174-2004 DM25-2012 | MWG | Domestic, Commercial |

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|-----------------------|------|----------|-------------|--|
| FBBGR11 | SPANNER FOR FILTER BG | 40 | 106 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

Cartridges to coupling

- BIG PP microfiber filtering cartridges;
- BIG CARBON BLOCK filtering cartridges.

Spare Parts and Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--|------|----------|-------------|--|
| FBBGR11 | SPANNER FOR FILTER BG | 40 | 106 | • | |
| FBBGR21 | S.S. PAINTED MOUNTING BRACKET FOR FILTER BG | 40 | 106 | • | |
| FBBGR31 | NR. 2 BRASS NIPPLES 1" W/O-RING FOR FILTER BG/MT | 40 | 106 | • | |
| FBBGR51 | HEAD FOR BG 1" FILTER HOUSING | 40 | 112 | • | |
| FBBGR52 | HEAD FOR BG 1 1/2" FILTER HOUSING | 40 | 112 | • | |
| FBBGR61 | BOWL BLUE 10" FOR BG FILTER HOUSING | 40 | 112 | • | |
| FBBGR71 | O-RING FOR HEAD BG FILETR HOUSINGS | 40 | 112 | • | |



MT Three Pieces Filter Housings



- Made in European Union (Italy);
- Three pieces filter housings for standard filtering cartridges length 10" or 20";
- Fixable head and nut in material PP reinforced blue colour;
- Sump in PET; O-ring in EPDM;
- IN/OUT connections BSPP F 1/2", 3/4" or 1", with brass inserts; With air valve;
- Max operating pressure 8 bar; Temperature 4 ÷ 45°C;
- WARNING! FA064A and FA068 cartridges are not suitable for this housing.**

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|---|------|----------|-------------|--|
| FBMT1005T | THREE PIECES FILTER HOUSING 1/2" - L=10" CLEAR BOWL | 40 | 106 | • | |
| FBMT1007T | THREE PIECES FILTER HOUSING 3/4" - L=10" CLEAR BOWL | 40 | 106 | • | |
| FBMT1007B | THREE PIECES FILTER HOUSING 3/4" - L=10" BLUE BOWL | 40 | 106 | | |
| FBMT1010T | THREE PIECES FILTER HOUSING 1" - L=10" CLEAR BOWL | 40 | 106 | • | |
| FBMT1010B | THREE PIECES FILTER HOUSING 1" - L=10" BLUE BOWL | 40 | 106 | | |
| FBMT2005T | THREE PIECES FILTER HOUSING 1/2" - L=20" CLEAR BOWL | 40 | 106 | • | |
| FBMT2007T | THREE PIECES FILTER HOUSING 3/4" - L=20" CLEAR BOWL | 40 | 106 | • | |
| FBMT2010T | THREE PIECES FILTER HOUSING 1" - L=20" CLEAR BOWL | 40 | 106 | • | |
| FBMT2010B | THREE PIECES FILTER HOUSING 1" - L=20" BLUE BOWL | 40 | 106 | | |

| Ref | Connections (inch) | Head Dimension (mm) | Total Length (mm) |
|-----------|--------------------|---------------------|-------------------|
| FBMT1005T | 1/2" | 133 | 315 |
| FBMT1007T | 3/4" | 133 | 315 |
| FBMT1007B | 3/4" | 133 | 315 |
| FBMT1010T | 1" | 145 | 321 |
| FBMT1010B | 1" | 145 | 321 |
| FBMT2005T | 1/2" | 133 | 571 |
| FBMT2007T | 3/4" | 133 | 571 |
| FBMT2010T | 1" | 145 | 577 |
| FBMT2010B | 1" | 145 | 577 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------------------|--------------|----------------------|
| DM174-2004 DM25-2012 ACS | MWG | Domestic, Commercial |

Spare Parts and Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|---|------|----------|-------------|--|
| FBMTR11 | PLASTIC SPANNER FOR FILTER MT | 40 | 106 | • | |
| FBMTR41 | DIFFUSER TUBE 10" FOR FILTER MT | 40 | 106 | • | |
| FBMTR51 | HEAD FOR MT 3/4" FILTER HOUSING | 40 | 106 | | |
| FBMTR52 | HEAD FOR MT 1" FILTER HOUSING | 40 | 106 | | |
| FBMTR61 | BOWL BLU 10" FOR MT FILTER HOUSINGS+O-RING | 40 | 106 | | |
| FBMTR62 | BOWL CLEAR 10" FOR MT FILTER HOUSINGS+O-RING | 40 | 106 | • | |
| FBMTR66 | BOWL CLEAR 20" FOR MT FILTER HOUSINGS + O-RING | 40 | 106 | • | |
| FBMTR71 | O-RING FOR HEAD MT FILTER HOUSINGS | 40 | 106 | • | |
| FBMTR81 | NUT FOR MT FILTER HOUSINGS | 40 | 106 | | |
| FBMDR21 | BLUE PLASTIC BRACKET WITH SCREWS FOR FILTER MD AND MT | 40 | 106 | • | |
| FBMDR31 | PLASTIC NIPPLE 3/4" BSPP W/O-RING FOR FILTER MD/MM/MT | 40 | 106 | • | |
| FBBGR31 | NR. 2 BRASS NIPPLES 1" W/O-RING FOR FILTER BG/MT | 40 | 106 | • | |



MD, DD and TD two Pieces Filter Housings IN/OUT connections 1/4" for R.O. Systems



FBMD1002T



FBMD1002W



FBDD1002W



FBTD1002W

- Made in European Union (Italy);
- Suitable for residential R.O. and filtration systems;
- Two pieces filter housings for standard filtering cartridges length 10"
- Total height 325 mm;
- Fixable head (single, double or triplex) in material PP reinforced white colour;
- Sump in PET clear or white, O-ring in EPDM;
- IN/OUT connections 1/4" BSPP F;
- With air valve;
- Max operating pressure 8 bar, temperature 4 ÷ 45°C;
- Designed for the following single, double or triple brackets (also ideal for 2 + 1 application), with fixing screws.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|---|------|----------|-------------|--|
| FBMD1002T | TWO PIECES FILTER HOUSING 1/4" - L=10" CLEAR BOWL | 30 | 175 | • | |
| FBMD1002W | TWO PIECES FILTER HOUSING 1/4" - L=10" WHITE BOWL | 30 | 175 | • | |
| FBDD1002W | TWO PIECES TWO FILTER HOUSING L=10" - 1/4" WHITE BOWL | 30 | 175 | • | |
| FBTD1002W | TWO PIECES THREE FILTER HOUSING L=10" - 1/4" WHITE BOWL | 30 | 175 | • | |

| Ref | Cartridge Length (inch) | Head Dimension (mm) |
|-----------|-------------------------|---------------------|
| FBMD1002T | Single | 122 |
| FBMD1002W | Single | 122 |
| FBDD1002W | Duplex | 228 |
| FBTD1002W | Triplex | 336 |

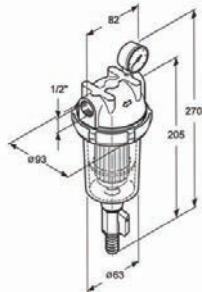
| Certificates | Manufacturer | Sectors |
|--------------------------|--------------|----------------------|
| DM174-2004 DM25-2012 ACS | MWG | Domestic, Commercial |

Spare Parts and Accessories

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|---|------|----------|-------------|--|
| FBMDR11 | PLASTIC SPANNER FOR FILTER MD | 40 | 106 | • | |
| FBMDR22 | WHITE PLASTIC BRACKET WITH SCREWS FOR MD AND MT FILTER HOUSINGS | 30 | 175 | • | |
| FBMDR24 | WHITE BRACKET WITH SCREWS FOR DD AND DT TWO FILTER HOUSINGS | 30 | 175 | • | |
| FBMDR26 | WHITE BRACKET WITH SCREWS FOR TD AND TT THREE FILTER HOUSINGS | 30 | 175 | • | |
| FBMDR51 | WHITE HEAD FOR MD 1/4" NPT FILTER HOUSING | 40 | 106 | | |
| FBMDR62 | BOWL CLEAR 10" FOR MD FILTER HOUSINGS + O-RING | 40 | 106 | • | |
| FBMDR71 | O-RING FOR HEAD MD FILTER HOUSINGS | 40 | 106 | • | |



Self Cleaning Filters



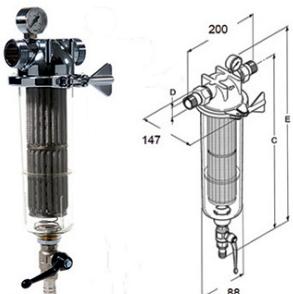
- range of sediment self clearing filters, chrome pleated brass head and trogamid sump, with pleated AISI 304 cartridge at 100 micron (on request available also at 25, 60, 200 and 300 micron);
- complete with manometer on inlet;
- opening the drain valve, a depression is created inside the sump, that lowers the cartridge and reverts the clearing water flow. Closing the valve, the cartridge rises and places the filter in service again. Repeat the action 4-5 times for about 10 seconds each time;
- easy cartridge disassembly in case of inspection or replacement;
- for $\frac{3}{4}$ " ÷ 2" models, on demand available models with automatic cleaning controller (AOTC AUT Models);
- IN/OUT connections $\frac{1}{2}$ " F;
- max operating pressure 16 bar;
- temperature 0 ÷ 40° C;
- max ΔP recommended 1 bar.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| FB210B | AOTC-12 FILTER BRASS WITH INOX CARTRIDGE 100 | 40 | 109 | • | |

| Ref | In-Out Connections | Flow a $\Delta p=0,2$ bar (l/h) |
|--------|--------------------|---------------------------------|
| FB210B | $\frac{1}{2}$ " F | 1500 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------|
| DM174-2004 | | Domestic, Commercial |



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--|------|----------|-------------|--|
| FB211B | AOTC-34 FILTER BRASS WITH INOX CARTRIDGE 100 | 40 | 109 | • | |
| FB211BT | AOTC-34 FILTER BRASS WITH INOX CARTRIDGE 100 AUT. VERSION | 40 | 109 | | |
| FB212B | AOTC-1 FILTER BRASS WITH INOX CARTRIDGE 100 | 40 | 109 | • | |
| FB212BT | AOTC-1 FILTER BRASS WITH INOX CARTRIDGE 100 AUT. VERSION | 40 | 109 | | |
| FB213B | AOTC-114 FILTER BRASS WITH INOX CARTRIDGE 100 | 40 | 109 | • | |
| FB213BT | AOTC-114 FILTER BRASS WITH INOX CARTRIDGE 100 AUT. VERSION | 40 | 109 | | |

| Ref | C | D In-Out Connections Gas | E | Flow $\Delta p=0,2$ bar (l/h) |
|---------|-----|--------------------------|-----|-------------------------------|
| FB211B | 365 | $\frac{3}{4}$ " | 460 | 3000 |
| FB211BT | 365 | $\frac{3}{4}$ " | 460 | 3000 |
| FB212B | 365 | 1" | 460 | 3500 |
| FB212BT | 365 | 1" | 460 | 3500 |
| FB213B | 375 | $1\frac{1}{4}$ " | 470 | 4500 |
| FB213BT | 375 | $1\frac{1}{4}$ " | 470 | 4500 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------|
| DM174-2004 | | Domestic, Commercial |



Filter housings, cartridges and polyphosphate feeders

2020--551



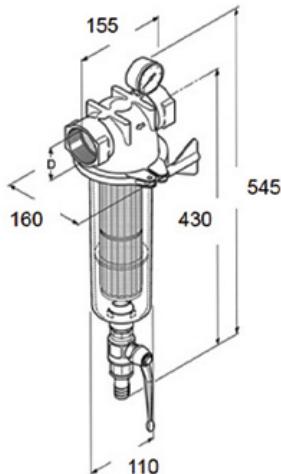
- max operating pressure 10 bar; temperature 0 ÷ 40°C;
- max ΔP recommended 1 bar.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--|------|----------|-------------|--|
| FB214B | AOTC-112 FILTER BRASS WITH INOX CARTRIDGE 100 | 40 | 109 | • | |
| FB214BT | AOTC-112 FILTER BRASS WITH INOX CARTRIDGE 100 AUT. VERSION | 40 | 109 | | |
| FB215B | AOTC-2 FILTER BRASS WITH INOX CARTRIDGE 100 | 40 | 109 | • | |
| FB215BT | AOTC-2 FILTER BRASS WITH INOX CARTRIDGE 100 AUT. VERSION | 40 | 109 | | |

| Ref | D In-Out Connections Gas | Flow Δp=0,2 bar (l/h) |
|---------|--------------------------|-----------------------|
| FB214B | 1½" F | 10000 |
| FB214BT | 1½" F | 10000 |
| FB215B | 2" F | 15000 |
| FB215BT | 2" F | 15000 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------|
| DM174-2004 | | Domestic, Commercial |





Filters with Washable Cartridge



- range of sediment filters, chrome pleated brass head and trogamid sump, complete with washable cartridge;
- available AISI 304 cartridges and versions with AISI 316 sump for temperature up to 80°C (only $\frac{3}{4}$ " - 1" - 1 $\frac{1}{4}$ " models)
- max operating pressure 16 bar;
- temperature 0 ÷ 40° C;
- nylon cartridge 60 micron (REF. FB221).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|---|-------------------------------|---------------|--------------|----------------|
| FB200 | OTC-12 FILTER BRASS WITH NYLON CARTRIDGE 60 | 40 | 109 | • | |
| Ref | In-Out Connections | Flow $\Delta p=0,2$ bar (l/h) | | | |
| FB200 | $\frac{1}{2}$ " F | 1200 | | | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
| | | | | | |
| Certificates | Manufacturer | Sectors | | | |
| DM174-2004 | | Domestic, Commercial | | | |



- max operating pressure 16 bar;
- temperature 0 ÷ 40° C;
- nylon cartridge 60 micron (REF. FB224).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|--|-------------------------------|---------------|--------------|----------------|
| FB201 | OTC-34 FILTER BRASS WITH NYLON CARTRIDGE 60 | 40 | 109 | • | |
| FB202 | OTC-1 FILTER BRASS WITH NYLON CARTRIDGE 60 | 40 | 109 | • | |
| FB203 | OTC-114 FILTER BRASS WITH NYLON CARTRIDGE 60 | 40 | 109 | • | |
| Ref | In-Out Connections | Flow $\Delta p=0,2$ bar (l/h) | | | |
| FB201 | $\frac{3}{4}$ " | 3000 | | | |
| FB202 | 1" | 3500 | | | |
| FB203 | 1 $\frac{1}{4}$ " | 5000 | | | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
| | | | | | |
| Certificates | Manufacturer | Sectors | | | |
| DM174-2004 | | Domestic, Commercial | | | |



- max operating pressure 10 bar;
- temperature 0 ÷ 40° C;
- AISI 304 cartridge 100 micron (REF. FB232).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|--|-------------------------------|---------------|--------------|----------------|
| FB204B | OTC-112 FILTER BRASS WITH INOX CARTRIDGE 100 | 40 | 109 | • | |
| FB205B | OTC-2 FILTER BRASS WITH INOX CARTRIDGE 100 | 40 | 109 | • | |
| Ref | In-Out Connections | Flow $\Delta p=0,2$ bar (l/h) | | | |
| FB204B | 1 $\frac{1}{2}$ " F | 10000 | | | |
| FB205B | 2" F | 15000 | | | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
| | | | | | |
| Certificates | Manufacturer | Sectors | | | |
| DM174-2004 | | Domestic, Commercial | | | |



Hot Water Filters



- Filter housing brass chromium-pleated head with sump in AISI 304, for standard filtering cartridges external diameter max 67 mm, and nominal length 10" or 20";
- Complete with internal tie-rod in AISI 304 to fit cartridges;
- Max operating temperature 80°C;
- Max operating pressure 16 bar;
- With air valve.
- **Cartridges to coupling:** AISI 304 pleated filtering cartridges, REF. FB225, FB228, FB231, FB234 and FB237 Note: for MODEL 20", you can't put one 10" filtering cartridge on another;
- AISI 304 filtering cartridges, smooth or pleated;
- Wound Polypropylene cartridges with AISI 316 core.

| Ref | Description | Fam. | Subfa.m. | Disp. Stock | |
|--------|-------------------------------|------|----------|-------------|--|
| FB217 | FILTER HOUSING OTC.HW-34 | 40 | 109 | • | |
| FB218 | FILTER HOUSING OTC.HW-1 | 40 | 109 | • | |
| FB219 | FILTER HOUSING OTC.HW-114 | 40 | 109 | • | |
| FB217A | FILTER HOUSING OTC HW-34-20" | 40 | 109 | • | |
| FB218A | FILTER HOUSING OTC HW-1-20" | 40 | 109 | • | |
| FB219A | FILTER HOUSING OTC HW-114-20" | 40 | 109 | • | |

| Ref | Connections (inch) | Nominal Length (inch) | A (mm) | B (mm) | C (mm) | F (mm) |
|--------|--------------------|-----------------------|--------|--------|--------|--------|
| FB217 | ¾" | 10" | 200 | 88 | 375 | 147 |
| FB218 | 1" | 10" | 200 | 88 | 375 | 147 |
| FB219 | 1¼" | 10" | 200 | 88 | 385 | 147 |
| FB217A | ¾" | 20" | 200 | 88 | 630 | 147 |
| FB218A | 1" | 20" | 200 | 88 | 630 | 147 |
| FB219A | 1¼" | 20" | 200 | 88 | 640 | 147 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------|
| DM174-2004 | | Domestic, Commercial |



Filter Housings Brass Head



- three pieces filter housings;
- head and nut material brass nickel-pleated, sump in SAN clear;
- max operating pressure 8 bar;
- max operating temperature 40° C;
- complete with air valve.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---------------------------|------|----------|-------------|--|
| FB060 | FILTER HOUSING OTS 34-9 | 40 | 109 | • | |
| FB061 | FILTER HOUSING OTS 1-9 | 40 | 109 | • | |
| FB062 | FILTER HOUSING OTS 1-20 | 40 | 109 | • | |
| FB063 | FILTER HOUSING OTS 114-10 | 40 | 109 | • | |
| FB064 | FILTER HOUSING OTS 114-20 | 40 | 109 | • | |
| FB072 | FILTER HOUSING OTS 112-10 | 40 | 109 | • | |
| FB065 | FILTER HOUSING OTS 112-20 | 40 | 109 | • | |
| FB073 | FILTER HOUSING OTS 2-10 | 40 | 109 | • | |
| FB066 | FILTER HOUSING OTS 2-20 | 40 | 109 | • | |

| Ref | Connections (inch) | For Cartridge | L (mm) | H (mm) |
|-------|--------------------|---------------|--------|--------|
| FB060 | 3/4" | 10" | 135 | 330 |
| FB061 | 1" | 10" | 135 | 330 |
| FB062 | 1" | 20" | 135 | 600 |
| FB063 | 1 1/4" | 10" | 150 | 340 |
| FB064 | 1 1/4" | 20" | 150 | 620 |
| FB072 | 1 1/2" | 10" | 150 | 340 |
| FB065 | 1 1/2" | 20" | 150 | 620 |
| FB073 | 2" | 10" | 162 | 360 |
| FB066 | 2" | 20" | 162 | 640 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------|
| | | Domestic, Commercial |

Accessories Wrench

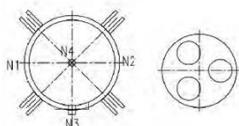
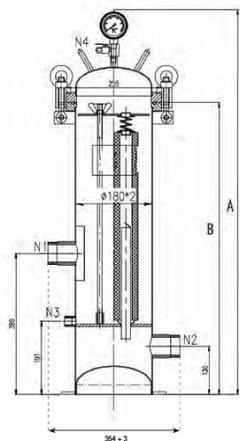
- galvanised steel material.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|------------------------|-------------|---------------|--------------|----------------|
| FB069 | SPANNER FOR FILTER OTS | 40 | 105 | • | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
| | | | | | |



MWG AISI 316L Filter Housings

MODELLO FBS 3x--



| | | |
|----|---------------------|-------------|
| N1 | Inlet | 2" BSP Male |
| N2 | Outlet | 2" BSP Male |
| N3 | Drain | 1/2" Female |
| N4 | Pressure Gauge/Vent | 1/4" Female |

- Multicartridges filter housings flanged top opening AISI 316L for 3 cartridges, In/Out connections 2" BSP M or DN50 flange;
- 1/2" BSP F connection for drain filter;
- 1/4" BSP F connection for air valve pressure gauge;
- High resistance and strength electrowelded construction, complete with AISI 316 fixing cartridges accessories, mechanical polishing outside treatment;
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Max pressure @ 20°C = 10 bar; Max pressure @ 40°C = 9 bar; Max pressure @ 80°C = 8 bar;
- Hydraulic test pressure = 12 bar;
- Max temperature 80 °C;
- Gasket material EPDM (option in Viton not included, to order separately);
- Suitable for DOE cartridges;
- Cartridges dimensions: ID min/max 28÷30 mm, OD max 65 mm and length 20"-30"- 40".
- WARNING!** For these housings the suitable Carbon Block cartridges are FA018 and FA019.
- The FA013 and FA014 cartridges of our catalogue are not suitable for these housings.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|---|------|----------|-------------|--|
| FBS0320 | MWG FILTER HOUSING MOD. FBS 3x20" AISI 316L-2" M | 40 | 115 | • | |
| FBS0320FL | MWG FILTER HOUSING MOD. FBS 3x20" AISI 316L-DN 50 | 40 | 115 | | |

| Ref | In/Out Connections | A (mm) | B (mm) |
|-----------|--------------------|--------|--------|
| FBS0320 | 2" BSP M | 1038 | 788 |
| FBS0320FL | DN50 Flange | 1038 | 788 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|---|------|----------|-------------|--|
| FBS0330 | MWG FILTER HOUSING MOD. FBS 3x30" AISI 316L-2" M | 40 | 115 | • | |
| FBS0330FL | MWG FILTER HOUSING MOD. FBS 3x30" AISI 316L-DN 50 | 40 | 115 | | |

| Ref | In/Out Connections | A (mm) | B (mm) |
|-----------|--------------------|--------|--------|
| FBS0330 | 2" BSP M | 1292 | 1042 |
| FBS0330FL | DN50 Flange | 1292 | 1042 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|---|------|----------|-------------|--|
| FBS0340 | MWG FILTER HOUSING MOD. FBS 3x40" AISI 316L-2" M | 40 | 115 | • | |
| FBS0340FL | MWG FILTER HOUSING MOD. FBS 3x40" AISI 316L-DN 50 | 40 | 115 | | |

| Ref | In/Out Connections | A (mm) | B (mm) |
|-----------|--------------------|--------|--------|
| FBS0340 | 2" BSP M | 1546 | 1296 |
| FBS0340FL | DN50 Flange | 1546 | 1296 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |

MWG AISI 316L Filter Housings

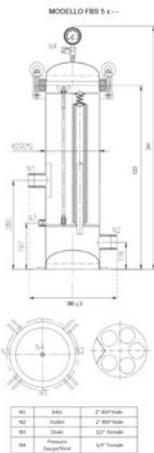


- Multicartridges filter housings flanged top opening AISI 316L for 5 cartridges, In/Out connections 2" BSP M or DN50 flange;
 - ½" BSP F connection for drain filter;
 - ¼" BSP F connection for air valve pressure gauge;
 - High resistance and strength electrowelded construction, complete with AISI 316 fixing cartridges accessories, mechanical polishing outside treatment;
 - European 2014/68/EU Directive compliant for pressure equipment (PED);
 - Max pressure @ 20°C = 10 bar;
 - Max pressure @ 40°C = 9 bar; Max pressure @ 80°C = 8 bar;
 - Hydraulic test pressure = 12 bar;
 - Max temperature 80 °C;
 - Gasket material EPDM (option in Viton not included, to order separately);
 - Suitable for DOE cartridges;
 - Cartridges dimensions: ID min/max 28÷30 mm, OD max 65 mm and length 20"- 30"- 40".
 - **WARNING!** For these housings the suitable Carbon Block cartridges are FA018 and FA019.
 - The FA013 and FA014 cartridges of our catalogue are not suitable for these housings.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-----------|--|------|--------------|----------------|--|
| FBS0520 | MWG FILTER HOUSING MOD. FBS 5x20" AISI 316L- 2" M | 40 | 115 | • | |
| FBS0520FL | MWG FILTER HOUSING MOD. FBS 5x20" AISI 316L- DN 50 | 40 | 115 | | |

| Ref | In/Out Connections | A (mm) | B (mm) |
|-----------|--------------------|--------|--------|
| FBS0520 | 2" BSP M | 1045 | 788 |
| FBS0520FL | DN50 Flange | 1045 | 788 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |



| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-----------|--|------|--------------|----------------|--|
| FBS0530 | MWG FILTER HOUSING MOD. FBS 5x30" AISI 316L- 2" M | 40 | 115 | • | |
| FBS0530FL | MWG FILTER HOUSING MOD. FBS 5x30" AISI 316L- DN 50 | 40 | 115 | | |

| Ref | In/Out Connections | A (mm) | B (mm) |
|-----------|--------------------|--------|--------|
| FBS0530 | 2" BSP M | 1042 | 1299 |
| FBS0530FL | DN50 Flange | 1042 | 1299 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-----------|--|------|----------|-------------|--|
| FBS0540 | MWG FILTER HOUSING MOD. FBS 5x40" AISI 316L- 2" M | 40 | 115 | • | |
| FBS0540FL | MWG FILTER HOUSING MOD. FBS 5x40" AISI 316L- DN 50 | 40 | 115 | | |

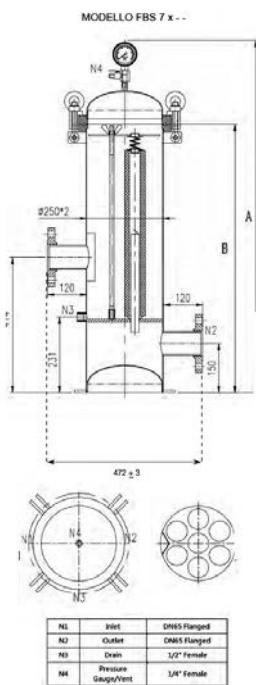
| Ref | In/Out Connections | A (mm) | B (mm) |
|-----------|--------------------|--------|--------|
| FBS0540 | 2" BSP M | 1553 | 1296 |
| FBS0540FL | DN50 Flange | 1553 | 1296 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



MWG AISI 316L Filter Housings



- Multicartridges filter housings flanged top opening AISI 316L for 7 cartridges, In/Out connections 2 ½" BSP M or DN65 flange;
- ½" BSP F connection for drain filter;
- ¼" BSP F connection for air valve pressure gauge;
- High resistance and strength electrowelded construction, complete with AISI 316 fixing cartridges accessories, mechanical polishing outside treatment;
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Max pressure @ 20°C = 10 bar; Max pressure @ 40°C = 9 bar; Max pressure @ 80°C = 8 bar;
- Hydraulic test pressure = 12 bar;
- Max temperature 80 °C;
- Gasket material EPDM (option in Viton not included, to order separately);
- Suitable for DOE cartridges;
- Cartridges dimensions: ID min/max 28÷30 mm, OD max 65 mm and length 20"- 30"- 40".
- WARNING!** For these housings the suitable Carbon Block cartridges are FA018 and FA019.
- The FA013 and FA014 cartridges of our catalogue are not suitable for these housings.

| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|-----------|---|------|----------|-------------|
| FBS0720 | MWG FILTER HOUSING MOD. FBS 7x20" AISI 316L- 2.5" M | 40 | 115 | |
| FBS0720FL | MWG FILTER HOUSING MOD. FBS 7x20" AISI 316L- DN 65 | 40 | 115 | • |

| Ref | In/Out Connections | A (mm) | B (mm) |
|-----------|--------------------|--------|--------|
| FBS0720 | 2 ½" BSP M | 1079 | 822 |
| FBS0720FL | DN65 Flange | 1079 | 822 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|-----------|---|------|----------|-------------|
| FBS0730 | MWG FILTER HOUSING MOD. FBS 7x30" AISI 316L- 2.5" M | 40 | 115 | |
| FBS0730FL | MWG FILTER HOUSING MOD. FBS 7x30" AISI 316L- DN 65 | 40 | 115 | • |

| Ref | In/Out Connections | A (mm) | B (mm) |
|-----------|--------------------|--------|--------|
| FBS0730 | 2 ½" BSP M | 1076 | 1333 |
| FBS0730FL | DN65 Flange | 1076 | 1333 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|-----------|---|------|----------|-------------|
| FBS0740 | MWG FILTER HOUSING MOD. FBS 7x40" AISI 316L- 2.5" M | 40 | 115 | |
| FBS0740FL | MWG FILTER HOUSING MOD. FBS 7x40" AISI 316L- DN 65 | 40 | 115 | • |

| Ref | In/Out Connections | A (mm) | B (mm) |
|-----------|--------------------|--------|--------|
| FBS0740 | 2 ½" BSP M | 1330 | 1587 |
| FBS0740FL | DN65 Flange | 1330 | 1587 |

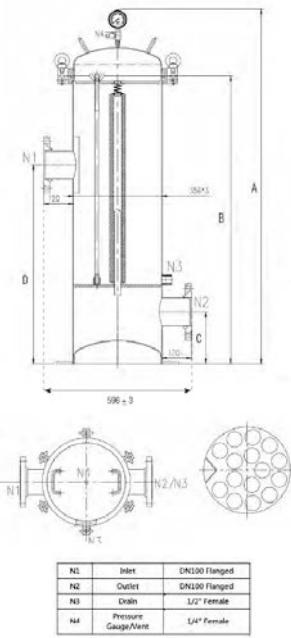
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



MWG AISI 316L Filter Housings

MODELLO FBS 15 x -



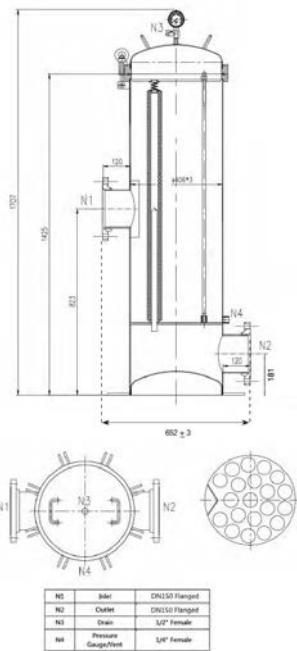
- Multicartridges filter housings flanged top opening AISI 316L for 15 cartridges, In/Out connections DN100;
- ½" BSP F connection for drain filter;
- ¼" BSP F connection for air valve pressure gauge;
- High resistance and strength electrowelded construction, complete with AISI 316 fixing cartridges accessories, mechanical polishing outside treatment;
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Max pressure @ 20°C = 10 bar; Max pressure @ 40°C = 9 bar; Max pressure @ 80°C = 8 bar;
- Hydraulic test pressure = 12 bar;
- Max temperature 80 °C;
- Gasket material EPDM (option in Viton not included, to order separately);
- Suitable for DOE cartridges;
- Cartridges dimensions: ID min/max 28÷30 mm, OD max 65 mm and length 30"- 40".
- WARNING!** For these housings the suitable Carbon Block cartridges are FA018 and FA019.
- The FA013 and FA014 cartridges of our catalogue are not suitable for these housings.

| Ref | Description | | | Fam. | Subfa m. | Disp. Stock | |
|---------------|--|--------------|---------------|--------------|----------------|-------------|--|
| FBS1530FL | MWG FILTER HOUSING MOD. FBS 15x30" AISI 316L- DN 100 | | | 40 | 115 | • | |
| FBS1540FL | MWG FILTER HOUSING MOD. FBS 15x40" AISI 316L- DN 100 | | | 40 | 115 | • | |
| Ref | A (mm) | B (mm) | C (mm) | D (mm) | | | |
| FBS1530FL | 1437 | 1166 | 211 | 806 | | | |
| FBS1540FL | 1661 | 1390 | 181 | 1030 | | | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight | | |
| | | | | | | | |
| Certificates | | Manufacturer | | Sectors | | | |
| DM174-2004 CE | | MWG | | Industrial | | | |



MWG AISI 316L Filter Housings

MODELLO FBS 20 x 40



- Multicartridges filter housings flanged top opening AISI 316L for 20 cartridges, In/Out connections DN150;
- ½" BSP F connection for drain filter;
- ¼" BSP F connection for air valve pressure gauge;
- High resistance and strength electrowelded construction, complete with AISI 316 fixing cartridges accessories, mechanical polishing outside treatment;
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Max pressure @ 20°C = 10 bar; Max pressure @ 40°C = 9 bar; Max pressure @ 80°C = 8 bar;
- Hydraulic test pressure = 12 bar;
- Max temperature 80 °C;
- Gasket material EPDM (option in Viton not included, to order separately);
- Suitable for DOE cartridges;
- Cartridges dimensions: ID min/max 28÷30 mm, OD max 65 mm and length 40".
- **WARNING!** For these housings the suitable Carbon Block cartridges are FA018 and FA019.
- The FA013 and FA014 cartridges of our catalogue are not suitable for these housings.

| Ref | Description | | | Fam. | Subfa m. | Disp. Stock | |
|---------------|---|-------------|---------------|--------------|----------------|-------------|--|
| FBS2040FL | MWG FILTER HOUSING MOD. FBS20X40" AISI 316L-DN150 | | | 40 | 115 | • | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight | | |
| DM174-2004 CE | | MWG | | | Industrial | | |



AISI 316L Filter Housings

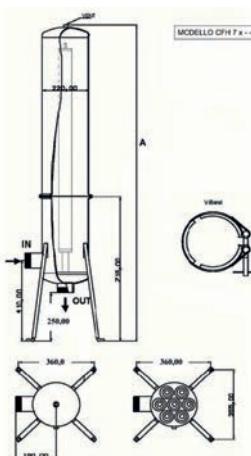


- Multicartridges filter housings flanged top opening AISI 316L for 3 cartridges, support legs, In/Out connections 2" BSP M or DN50 flange;
- Two 1/2" BSP connections for air valve pressure gauge and for drain filter;
- High resistance and strength electrowelded construction, complete with AISI 316L fixing cartridges accessories, glass blasted internal and outside treatment;
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Max operating pressure @ 40°C = 8 bar; Max operating pressure @ 80°C = 2 bar;
- Hydraulic test pressure = 12 bar;
- Max operating temperature 80 °C;
- Gasket material EPDM;
- Suitable for DOE cartridges;
- Cartridges dimensions: ID min/max 26÷30 mm, OD max 65 mm and length 20"- 30"- 40"
- WARNING!** For these housings the suitable Carbon Block cartridges are FA018 and FA019.
- The FA013 and FA014 cartridges of our catalogue are not suitable for these housings.

| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|--------|---|------|----------|-------------|
| FB040 | FILTER HOUSING MOD. CFH 3X20" AISI 316L-2" M | 40 | 108 | |
| FB040A | FILTER HOUSING MOD. CFH 3X20" AISI 316L-DN 50 | 40 | 108 | |

| Ref | In/Out Connections | A (mm) | Weight (kg) |
|--------|--------------------|--------|-------------|
| FB040 | 2" BSP M | 1200 | 20 |
| FB040A | DN50 Flange | 1200 | 22 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |



| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|--------|---|------|----------|-------------|
| FB041 | FILTER HOUSING MOD. CFH 3X30" AISI 316L-2" M | 40 | 108 | |
| FB041A | FILTER HOUSING MOD. CFH 3X30" AISI 316L-DN 50 | 40 | 108 | |

| Ref | In/Out Connections | A (mm) | Weight (kg) |
|--------|--------------------|--------|-------------|
| FB041 | 2" BSP M | 1500 | 21 |
| FB041A | DN50 Flange | 1500 | 23 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|----------|---|------|----------|-------------|
| FB041/1 | FILTER HOUSING MOD. CFH 3X40" AISI 316L-2" M | 40 | 108 | |
| FB041/1A | FILTER HOUSING MOD. CFH 3X40" AISI 316L-DN 50 | 40 | 108 | |

| Ref | In/Out Connections | A (mm) | Weight (kg) |
|----------|--------------------|--------|-------------|
| FB041/1 | 2" BSP M | 1600 | 22 |
| FB041/1A | DN50 Flange | 1600 | 24 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | | Industrial |



AISI 316L Filter Housings

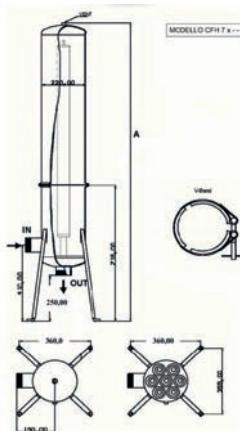


- Multicartridges filter housings flanged top opening AISI 316L for 7 cartridges, support legs, In/Out connections 2 1/2" BSP M or DN65 flange;
- Two 1/2" BSP connections for air valve pressure gauge and for drain filter;
- High resistance and strength electrowelded construction, complete with AISI 316L fixing cartridges accessories, glass blasted internal and outside treatment;
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Max operating pressure @ 40°C = 8 bar; Max operating pressure @ 80°C = 2 bar;
- Hydraulic test pressure = 12 bar;
- Max operating temperature 80 °C;
- Gasket material EPDM;
- Suitable for DOE cartridges;
- Cartridges dimensions: ID min/max 26÷30 mm, OD max 65 mm and length 20"- 30"- 40".
- WARNING!** For these housings the suitable Carbon Block cartridges are FA018 and FA019.
- The FA013 and FA014 cartridges of our catalogue are not suitable for these housings.

| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|--------|--|------|----------|-------------|
| FB042 | FILTER HOUSING MOD. CFH 7X20" AISI 316L-2,1/2" M | 40 | 108 | |
| FB042A | FILTER HOUSING MOD. CFH 7X20" AISI 316L-DN 65 | 40 | 108 | |

| Ref | In/Out Connections | A (mm) | Weight (kg) |
|--------|--------------------|--------|-------------|
| FB042 | 2 1/2" BSP M | 1190 | 27 |
| FB042A | DN65 Flange | 1190 | 30 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |



| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|--------|--|------|----------|-------------|
| FB043 | FILTER HOUSING MOD. CFH 7X30" AISI 316L-2,1/2" M | 40 | 108 | |
| FB043A | FILTER HOUSING MOD. CFH 7X30" AISI 316L-DN 65 | 40 | 108 | |

| Ref | In/Out Connections | A (mm) | Weight (kg) |
|--------|--------------------|--------|-------------|
| FB043 | 2 1/2" BSP M | 1495 | 29 |
| FB043A | DN65 Flange | 1495 | 32 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|--------|--|------|----------|-------------|
| FB044 | FILTER HOUSING MOD. CFH 7X40" AISI 316L-2,1/2" M | 40 | 108 | |
| FB044A | FILTER HOUSING MOD. CFH 7X40" AISI 316L-DN 65 | 40 | 108 | |

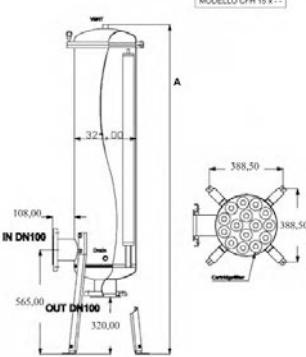
| Ref | In/Out Connections | A (mm) | Weight (kg) |
|--------|--------------------|--------|-------------|
| FB044 | 2 1/2" BSP M | 1610 | 34 |
| FB044A | DN65 Flange | 1610 | 37 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | | Industrial |



AISI 316L Filter Housings



- Multicartridges filter housings flanged top opening AISI 316L for 15 cartridges, support legs, In/Out connections DN100;
- Two ½" BSP connections for air valve pressure gauge and for drain filter;
- High resistance and strength electrowelded construction, complete with AISI 316L fixing cartridges accessories, glass blasted internal and outside treatment;
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Max operating pressure @ 40°C = 8 bar; Max operating pressure @ 80°C = 2 bar;
- Hydraulic test pressure = 12 bar;
- Max operating temperature 80 °C;
- Gasket material EPDM;
- Suitable for DOE cartridges;
- Cartridges dimensions: ID min/max 26÷30 mm, OD max 65 mm and length 30"- 40".
- **WARNING!** For these housings the suitable Carbon Block cartridges are FA018 and FA019.
- The FA013 and FA014 cartridges of our catalogue are not suitable for these housings.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| FB046 | FILTER HOUSING MOD. CFH 15X40" AISI 316L-DN 100 | 40 | 108 | | |

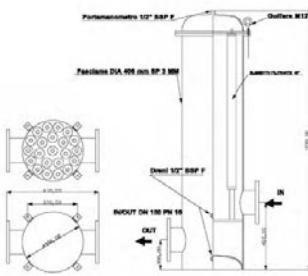
| Ref | Description | A (mm) | Weight (kg) |
|-------|---|--------|-------------|
| FB046 | FILTER HOUSING MOD. CFH 15X40" AISI 316L-DN 100 | 1750 | 80 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | | Industrial |



MODELLO CFH 22x40



AISI 316L Filter Housings

- Multicartridges filter housings flanged top opening AISI 316L for 22 cartridges, In/Out connections DN150;
- Three $\frac{1}{2}$ " BSP connections for air valve pressure gauge and for drain filter;
- High resistance and strength electrowelded construction, complete with AISI 316L fixing cartridges accessories, glass blasted internal and outside treatment;
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Max operating pressure @ 40°C = 8 bar; Max operating pressure @ 80°C = 2 bar;
- Hydraulic test pressure = 12 bar;
- Max operating temperature 80°C ;
- Gasket material EPDM;
- Suitable for DOE cartridges;
- Cartridges dimensions: ID min/max 26 ± 30 mm, OD max 65 mm and length 40".
- WARNING!** For these housings the suitable Carbon Block cartridges are FA018 and FA019.
- The FA013 and FA014 cartridges of our catalogue are not suitable for these housings.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--|------|----------|-------------|--|
| FB046/1 | FILTER HOUSING MOD. CFH 2X40" AISI 316L-DN 150 | 40 | 108 | | |

| Ref | Description | Weight (kg) |
|---------|--|-------------|
| FB046/1 | FILTER HOUSING MOD. CFH 2X40" AISI 316L-DN 150 | 138 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
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| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | | Industrial |



Chemical High Resistance PVC-U Multicartridges Filter Housings HPCF Series



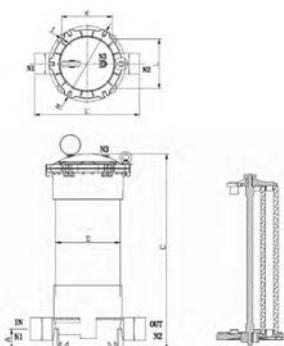
- PVC-U multicartridges filter housings for 5 cartridges flanged top opening;
- With three pieces in / out female socket weld connections;
- With two $\frac{1}{4}$ " threaded connections for air valve pressure gauges and for drain filter;
- All filter housing internal material and all internal spare parts are in PVC-U for high chemical corrosion resistance;
- Opening gasket in EPDM material;
- Connection gasket in EPDM material;
- With aeration valve and pressure gauge;
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Design pressure = 6,0 bar @ 25°C;
- Hydraulic test pressure = 7,8 bar;
- Max Δp = 1,4 bar;
- Operating temperature = 5 ÷ 40 °C;
- In/Out connections DN50 / D. 63 mm;
- Suitable for DOE cartridges;
- Cartridges dimensions: ID 28÷30 mm, OD 65 mm and length 20"- 30"- 40".
- WARNING!** The FA013 and FA014 cartridges of our catalogue are not suitable for these housings.

| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|-------|---|------|----------|-------------|
| FB560 | MULTICARTRIDGE PVC-U FILTER HOUSING HPCF/B-5DC2 D.63 MM | 40 | 108 | • |

| Ref | Cartridges Number | Weight (kg) | Capacity (Liters) | Nominal Flow Rate (lpm) |
|-------|-------------------|-------------|-------------------|-------------------------|
| FB560 | n.5 2,5" x 20" | 11,0 | 20,6 | 300 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Ref | A | C | D | E | I | K | L | M | N1 N2 | N3 |
|-------|----|------|-----|-----|----|-------|-----|-----|-------|-------------------|
| FB560 | 75 | 730 | 225 | 482 | 10 | 187,5 | 186 | 290 | 63 | G $\frac{1}{4}$ " |
| FB561 | 75 | 980 | 225 | 482 | 10 | 187,5 | 186 | 290 | 63 | G $\frac{1}{4}$ " |
| FB562 | 75 | 1230 | 225 | 482 | 10 | 187,5 | 186 | 290 | 63 | G $\frac{1}{4}$ " |



| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|-------|---|------|----------|-------------|
| FB561 | MULTICARTRIDGE PVC-U FILTER HOUSING HPCF/B-5DC3 D.63 MM | 40 | 108 | • |

| Ref | Cartridges Number | Weight (kg) | Capacity (Liters) | Nominal Flow Rate (lpm) |
|-------|-------------------|-------------|-------------------|-------------------------|
| FB561 | n.5 2,5" x 30" | 12,7 | 29,4 | 300 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|-------|---|------|----------|-------------|
| FB562 | MULTICARTRIDGE PVC-U FILTER HOUSING HPCF/B-5DC4 D.63 MM | 40 | 108 | • |

| Ref | Cartridges Number | Weight (kg) | Capacity (Liters) | Nominal Flow Rate (lpm) |
|-------|-------------------|-------------|-------------------|-------------------------|
| FB562 | n.5 2,5" x 40" | 14,4 | 38,2 | 300 |

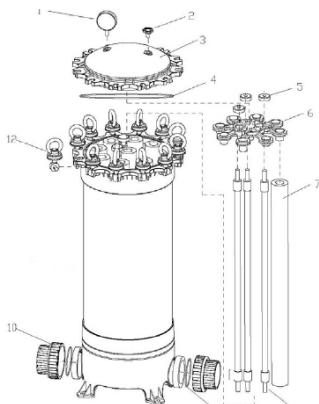
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| CE | MWG | Industrial |



Chemical High Resistance PVC-U Multicartridges Filter Housings HPCF Series

Spare Parts



| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|--|------|--------------|----------------|--|
| FB366 | PURGE CAP | 40 | 107 | • | |
| FB367 | MANOMETER 0-10 BAR 1/4" | 40 | 107 | • | |
| FB580 | FLANGED TOP COVER 225 HPCF/PF/HXP + PURGE CAP + O-RING | 40 | 108 | • | |
| FB363 | EPDM CLOSURE O-RING HPCF-PF-HXP 225 | 40 | 107 | • | |
| FB574 | CLOSURE CARTRIDGE NUT | 40 | 108 | • | |
| FB578 | 5DC CARTRIDGE FIXING STAR | 40 | 108 | • | |
| | Cartridges (not included) | | | | |
| FB575 | 20" ROD | 40 | 108 | • | |
| FB576 | 30" ROD | 40 | 108 | • | |
| FB577 | 40" ROD | 40 | 108 | • | |
| FB371 | T GASKET D.63 FOR HPCF FILTER | 40 | 107 | • | |
| FB572 | SINGOL MANIFOLD KIT D. 63 MM W/O-RING | 40 | 108 | • | |
| FB364 | AISI BOLT KIT M10 | 40 | 107 | • | |

| Item | Ref | Description | Q.TY | Material |
|-------|-------|--|------|----------|
| 1 | FB366 | PURGE CAP | 1 | |
| 2 | FB367 | MANOMETER 0-10 BAR 1/4" | 1 | |
| 1+3+4 | FB580 | FLANGED TOP COVER 225 HPCF/PF/HXP + PURGE CAP + O-RING | 1 | |
| 4 | FB363 | EPDM CLOSURE O-RING HPCF-PF-HXP 225 | 1 | EPDM |
| 5 | FB574 | CLOSURE CARTRIDGE NUT | 3 | |
| 6 | FB578 | 5DC CARTRIDGE FIXING STAR | 1 | |
| 7 | | Cartridges (not included) | | |
| 8 | FB575 | 20" ROD | 1 | |
| 8 | FB576 | 30" ROD | 1 | |
| 8 | FB577 | 40" ROD | 1 | |
| 10 | FB371 | T GASKET D.63 FOR HPCF FILTER | 2 | |
| 9+10 | FB572 | SINGOL MANIFOLD KIT D. 63 MM W/O-RING | 2 | |
| 11 | FB364 | AISI BOLT KIT M10 | 6 | AISI |



Chemical High Resistance PVC-U Multicartridges Filter Housings HPCF Series



- PVC-U multicartridges filter housings for 9 cartridges flanged top opening;
- With three pieces in / out female socket weld connections;
- With two $\frac{1}{4}$ " threaded connections for air valve pressure gauges and for drain filter;
- All filter housing internal material and all internal spare parts are in PVC-U for high chemical corrosion resistance;
- Opening gasket in EPDM material;
- Connection gasket in EPDM material;
- With aeration valve and pressure gauge;
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- Design pressure = 6,0 bar @ 25°C;
- Hydraulic test pressure = 7,8 bar;
- Max Δp = 1,4 bar;
- Operating temperature = 5 ÷ 40 °C;
- In/Out connections DN80 / D. 90 mm;
- 1" BSPT M (+ F 20 mm to glue) drain connection;
- Suitable for DOE cartridges;
- Cartridges dimensions: ID 28÷30 mm, OD 65 mm and length 20"- 30"- 40".
- WARNING!** The FA013 and FA014 cartridges of our catalogue are not suitable for these housings.

| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|-------|---|------|----------|-------------|
| FB564 | MULTICARTRIDGE PVC-U FILTER HOUSING HPCF/B-9DC2 D.90 MM | 40 | 108 | • |

| Ref | Cartridges Number | Weight (kg) | Capacity (Liters) | Nominal Flow Rate (lpm) |
|-------|-------------------|-------------|-------------------|-------------------------|
| FB564 | n.9 2,5" x 20" | 20,0 | 39,7 | 250 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Ref | A | C | D | E | I | J | K | L | M | N1 N2 | N3 | N4 |
|-------|----|------|-----|-----|---|----|-----|-----|-----|-------|--------|----|
| FB564 | 69 | 765 | 315 | 520 | 9 | 15 | 276 | 249 | 372 | 90 | G 1/4" | 1" |
| FB565 | 69 | 1015 | 315 | 520 | 9 | 15 | 276 | 249 | 372 | 90 | G 1/4" | 1" |
| FB566 | 69 | 1265 | 315 | 520 | 9 | 15 | 276 | 249 | 372 | 90 | G 1/4" | 1" |



| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|-------|---|------|----------|-------------|
| FB565 | MULTICARTRIDGE PVC-U FILTER HOUSING HPCF/B-9DC3 D.90 MM | 40 | 108 | • |

| Ref | Cartridges Number | Weight (kg) | Capacity (Liters) | Nominal Flow Rate (lpm) |
|-------|-------------------|-------------|-------------------|-------------------------|
| FB565 | n.9 2,5" x 30" | 23,0 | 57,0 | 350 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|-------|---|------|----------|-------------|
| FB566 | MULTICARTRIDGE PVC-U FILTER HOUSING HPCF/B-9DC4 D.90 MM | 40 | 108 | • |

| Ref | Cartridges Number | Weight (kg) | Capacity (Liters) | Nominal Flow Rate (lpm) |
|-------|-------------------|-------------|-------------------|-------------------------|
| FB566 | n.9 2,5" x 40" | 26,0 | 74,3 | 550 |

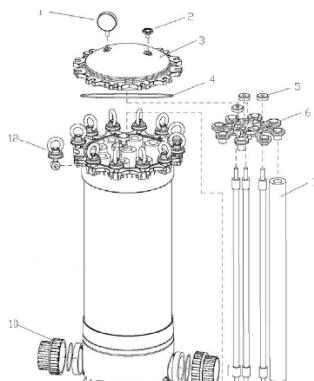
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| CE | MWG | Industrial |



Chemical High Resistance PVC-U Multicartridges Filter Housings HPCF Series

Spare Part



| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|---|------|--------------|----------------|--|
| FB367 | MANOMETER 0-10 BAR 1/4" | 40 | 107 | • | |
| FB366 | PURGE CAP | 40 | 107 | • | |
| FB581 | FLANGED TOP COVER 325 HPCF + PURGE CAP + O-RING | 40 | 108 | • | |
| FB571 | EPDM CLOSURE O-RING HPCF 315 | 40 | 108 | • | |
| FB574 | CLOSURE CARTRIDGE NUT | 40 | 108 | • | |
| FB579 | 9DC CARTRIDGE FIXING STAR | 40 | 108 | • | |
| | Cartridge (not included) | | | | |
| FB575 | 20" ROD | 40 | 108 | • | |
| FB576 | 30" ROD | 40 | 108 | • | |
| FB577 | 40" ROD | 40 | 108 | • | |
| FB583 | T GASKET D.90 FOR HPCF FILTER | 40 | 108 | • | |
| FB573 | SINGOL MANIFOLD KIT D. 90 MM W/O-RING | 40 | 108 | • | |
| FB582 | AISI BOLT KIT M12 | 40 | 108 | • | |

| Item | Ref | Description | Q.TY | Material |
|-------|-------|---|------|----------|
| 1 | FB367 | MANOMETER 0-10 BAR 1/4" | 1 | |
| 2 | FB366 | PURGE CAP | 1 | |
| 2+3+4 | FB581 | FLANGED TOP COVER 325 HPCF + PURGE CAP + O-RING | 1 | |
| 4 | FB571 | EPDM CLOSURE O-RING HPCF 315 | 1 | EPDM |
| 5 | FB574 | CLOSURE CARTRIDGE NUT | 3 | |
| 6 | FB579 | 9DC CARTRIDGE FIXING STAR | 1 | |
| 7 | | Cartridge (not included) | | |
| 8 | FB575 | 20" ROD | | |
| 8 | FB576 | 30" ROD | 3 | |
| 8 | FB577 | 40" ROD | 3 | |
| 9 | FB583 | T GASKET D.90 FOR HPCF FILTER | 3 | |
| 9+10 | FB573 | SINGOL MANIFOLD KIT D. 90 MM W/O-RING | 2 | |
| 12 | FB582 | AISI BOLT KIT M12 | 12 | AISI |



High Flow PVC-U Single Cartridge Filter Housings PF Series



- PVC-U single cartridge filter housings, with flanged top opening, support legs, in/out female socket weld connections and two $\frac{1}{4}$ " threaded connections for air valve pressure gauges and for drain filter;
- all filter housing internal material and all internal spare parts are in PVC-U for high chemical corrosion resistance;
- opening gasket in EPDM material;
- connection gasket in EPDM material;
- with aeration valve and pressure gauge;
- European 2014/68/EU Directive compliant for pressure equipment (PED);
- design pressure = 7,0 bar @ 25°C;
- hydraulic test pressure = 9,1 bar;
- max Δp = 1,4 bar;
- operating temperature = 5 \div 40 °C;
- In/Out flanged connections DN50;
- suitable for high flow "special pleated cartridges";
- cartridges dimensions: 6" x 20" and 6" x 40".

| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|-------|---|------|----------|-------------|
| FB360 | SINGLE CARTRIDGE PVC-U FILTER HOUSING PF20 DN50 | 40 | 107 | • |

| Ref | Cartridges Number | Weight (kg) | Capacity (Liters) | Nominal Flow Rate (lpm) |
|-------|-------------------|-------------|-------------------|-------------------------|
| FB360 | n. 6" x 20" | 18,0 | 24,8 | 300 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| CE | MWG | Industrial |

| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|-------|---|------|----------|-------------|
| FB361 | SINGLE CARTRIDGE PVC-U FILTER HOUSING PF40 DN50 | 40 | 107 | • |

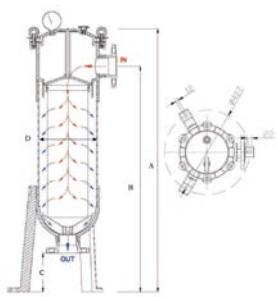
| Ref | Cartridges Number | Weight (kg) | Capacity (Liters) | Nominal Flow Rate (lpm) |
|-------|-------------------|-------------|-------------------|-------------------------|
| FB361 | n. 6" x 40" | 22,3 | 41,0 | 300 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| CE | MWG | Industrial |

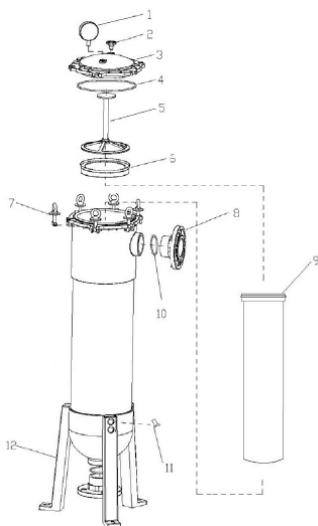


High Flow PVC-U Single Cartridge Filter Housings PF Series



| Ref | A | B | C | D |
|-------|------|------|-----|-----|
| FB360 | 1070 | 905 | 165 | 225 |
| FB361 | 1560 | 1395 | 165 | 225 |

Spare Parts



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| FB367 | MANOMETER 0-10 BAR 1/4" | 40 | 107 | • | |
| FB366 | PURGE CAP | 40 | 107 | • | |
| FB580 | FLANGED TOP COVER 225 HPCF/PF/HXP + PURGE CAP + O-RING | 40 | 108 | • | |
| FB363 | EPDM CLOSURE O-RING HPCF-PF-HXP 225 | 40 | 107 | • | |
| FB368 | PVC SPACER | 40 | 107 | • | |
| FB359 | PF FILTER 6" CARTRIDGE SEAL RING | 40 | 107 | • | |
| FB364 | AISI BOLT KIT M10 | 40 | 107 | • | |
| FB370 | DN50 FLANGE | 40 | 107 | • | |
| | Single Cartidges (not included) | | | | |
| FB362 | 2" FLANGE O-RING | 40 | 107 | • | |
| FB374 | SUPPORT LEG FIXING SCREW | 40 | 107 | • | |
| FB373 | SUPPORT LEG | 40 | 107 | • | |

| Item | Ref | Description | Q.TY | Material |
|-------|-------|--|------|----------|
| 1 | FB367 | MANOMETER 0-10 BAR 1/4" | 1 | |
| 2 | FB366 | PURGE CAP | 1 | |
| 2+3+4 | FB580 | FLANGED TOP COVER 225 HPCF/PF/HXP + PURGE CAP + O-RING | 1 | |
| 4 | FB363 | EPDM CLOSURE O-RING HPCF-PF-HXP 225 | 1 | EPDM |
| 5 | FB368 | PVC SPACER | 1 | PVC |
| 6 | FB359 | PF FILTER 6" CARTRIDGE SEAL RING | 1 | |
| 7 | FB364 | AISI BOLT KIT M10 | 6 | AISI |
| 8 | FB370 | DN50 FLANGE | 2 | |
| 9 | | Single Cartidges (not included) | | |
| 10 | FB362 | 2" FLANGE O-RING | 2 | |
| 11 | FB374 | SUPPORT LEG FIXING SCREW | 6 | |
| 12 | FB373 | SUPPORT LEG | 3 | |



High Flow PVC-U Single Cartridge Filter Housings PF Series

Cartridge to coupling

- high flow "special pleated cartridges" single open-ended;
- filter media and support in PP, o-ring seal in EPDM;
- end caps in fiberglass reinforced PP;
- inside to outside flow pattern;
- external diameter = 6" (152 mm);
- recommended maximum ΔP 1,0 bar at 20°C.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|------------------------------------|------|----------|-------------|--|
| FB376 | PLEATED CARTRIDGE PP DLHF620PP4.5E | 40 | 107 | • | |
| FB379 | PLEATED CERTRIDGE PP DLHF620PP20E | 40 | 107 | • | |
| FB381 | PLEATED CARTRIDGE PP DLHF620PP70E | 40 | 107 | • | |
| FB382 | PLEATED CARTRIDGE PP DLHF620PP100E | 40 | 107 | • | |

| Ref | Lenght (inch) | Micron | Nominal Flow Rate (lpm) |
|-------|---------------|--------|-------------------------|
| FB376 | 20" | 4,5 | 660 |
| FB379 | 20" | 20 | 660 |
| FB381 | 20" | 70 | 660 |
| FB382 | 20" | 100 | 660 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | MWG | Industrial |

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|------------------------------------|------|----------|-------------|--|
| FB386 | PLEATED CARTRIDGE PP DLHF640PP4.5E | 40 | 107 | • | |
| FB389 | PLEATED CARTRIDGE PP DLHF640PP20E | 40 | 107 | • | |
| FB391 | PLEATED CARTRIDGE PP DLHF640PP70E | 40 | 107 | • | |
| FB392 | PLEATED CARTRIDGE PP DLHF640PP100E | 40 | 107 | • | |

| Ref | Lenght (inch) | Micron | Nominal Flow Rate (lpm) |
|-------|---------------|--------|-------------------------|
| FB386 | 40" | 4,5 | 1300 |
| FB389 | 40" | 20 | 1300 |
| FB391 | 40" | 70 | 1300 |
| FB392 | 40" | 100 | 1300 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | MWG | Industrial |



PVC-U Bag Filter System



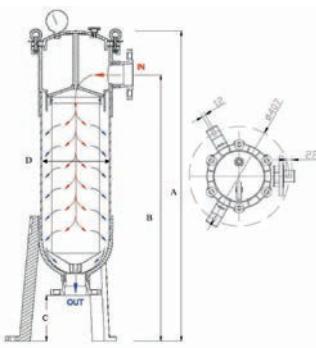
- PVC-U bag filter housings, with flanged top opening, support legs, in/out female socket weld connections and two ¼" threaded connections for air valve pressure gauges and for drain filter;
- all filter housing internal material and all internal spare parts are in PVC-U for high chemical corrosion resistance;
- Opening gasket in EPDM material;
- Connection gasket in EPDM material;
- With aeration valve and pressure gauge;
- European 2014/68/EU Dir. compliant for pressure equipment (PED);
- Nominal flow rate = 300 lpm;
- Design pressure = 7,0 bar @ 25°C;
- Hydraulic test pressure = 9,1 bar;
- Max Δp = 1,0 bar;
- Operating temperature = 5 ÷ 40 °C;
- In/Out flanged connections DN50;
- Suitable for bag filter;
- Bag filters dimensions: 7" x 16" and 7" x 32".

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|------------|---|-------------|-------------------|-------------------|----------------|
| FB355 | BAG FILTER HOUSING PVC-U MOD. HXP-BF-1-1-B DN50 | 40 | 107 | • | |
| Ref | Bag Size | Weight (kg) | Capacity (Litres) | Nominal Flow Rate | |
| FB355 | 7" x 16" | 15 | 17 | 300 | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
| | | | | | |

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------------|---|-------------|-------------------|-------------------|----------------|
| FB356 | BAG FILTER HOUSING PVC-U MOD. HXP-BF-1-2-B DN50 | 40 | 107 | • | |
| Ref | Bag Size | Weight (kg) | Capacity (Liters) | Nominal Flow Rate | |
| FB356 | 7" x 32" | 20 | 30 | 300 | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
| | | | | | |
| Certificates | Manufacturer | Sectors | | | |
| CE | MWG | Industrial | | | |



PVC-U Bag Filter System



| Ref | C | D | H | L |
|-------|-----|-----|------|------|
| FB355 | 165 | 225 | 845 | 685 |
| FB356 | 165 | 225 | 1225 | 1065 |

Spare Parts

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| FB367 | MANOMETER 0-10 BAR 1/4" | 40 | 107 | • | |
| FB366 | PURGE CAP | 40 | 107 | • | |
| FB580 | FLANGED TOP COVER 225 HPCF/PF/HXP + PURGE CAP + O-RING | 40 | 108 | • | |
| FB363 | EPDM CLOSURE O-RING HPCF-PF-HXP 225 | 40 | 107 | • | |
| FB368 | PVC SPACER | 40 | 107 | • | |
| FB359A | HXP-BF FILTER BAG SEAL RING | 40 | 107 | • | |
| FB364 | AISI BOLT KIT M10 | 40 | 107 | • | |
| FB370 | DN50 FLANGE | 40 | 107 | • | |
| FB383 | PVC 16" FILTER SUPPORT ARMOR | 40 | 107 | • | |
| FB383A | PVC 32" FILTER SUPPORT ARMOR | 40 | 107 | • | |
| | Bag Filter (not included) | | | | |
| FB362 | 2" FLANGE O-RING | 40 | 107 | • | |
| FB374 | SUPPORT LEG FIXING SCREW | 40 | 107 | • | |
| FB373 | SUPPORT LEG | 40 | 107 | • | |

| Rif. N. | Ref | Description | Q.ty | Material |
|---------|--------|--|------|----------|
| 1 | FB367 | MANOMETER 0-10 BAR 1/4" | 1 | |
| 2 | FB366 | PURGE CAP | 1 | |
| 2+3+4 | FB580 | FLANGED TOP COVER 225 HPCF/PF/HXP + PURGE CAP + O-RING | 1 | |
| 4 | FB363 | EPDM CLOSURE O-RING HPCF-PF-HXP 225 | 1 | EPDM |
| 5 | FB368 | PVC SPACER | 1 | PVC |
| 6 | FB359A | HXP-BF FILTER BAG SEAL RING | 1 | |
| 7 | FB364 | AISI BOLT KIT M10 | 6 | AISI |
| 8 | FB370 | DN50 FLANGE | 2 | |
| 9 | FB383 | PVC 16" FILTER SUPPORT ARMOR | 1 | PVC |
| 9 | FB383A | PVC 32" FILTER SUPPORT ARMOR | 1 | PVC |
| 10 | | Bag Filter (not included) | | |
| 11 | FB362 | 2" FLANGE O-RING | 2 | |
| 12 | FB374 | SUPPORT LEG FIXING SCREW | 6 | |
| 13 | FB373 | SUPPORT LEG | 3 | |



PVC-U Bag Filter System

PVC-U Bag Filter System

- Inside to outside flow pattern;
- In PP material;
- External diameter = 7" (178 mm);
- Recommended maximum Δp = 1,0 bar at 20°C.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--------------------------------|------|----------|-------------|--|
| FB357A | BAG FILTER L= 16" - 1 MICRON | 40 | 107 | • | |
| FB357B | BAG FILTER L= 16" - 5 MICRON | 40 | 107 | • | |
| FB357C | BAG FILTER L= 16" - 10 MICRON | 40 | 107 | • | |
| FB357D | BAG FILTER L= 16" - 25 MICRON | 40 | 107 | • | |
| FB357E | BAG FILTER L= 16" - 50 MICRON | 40 | 107 | • | |
| FB357F | BAG FILTER L= 16" - 100 MICRON | 40 | 107 | • | |

| Ref | Length | Micron | Nominal Flow Rate (lpm) |
|--------|--------|--------|-------------------------|
| FB357A | 16" | 1 | 330 |
| FB357B | 16" | 5 | 330 |
| FB357C | 16" | 10 | 330 |
| FB357D | 16" | 25 | 330 |
| FB357E | 16" | 50 | 330 |
| FB357F | 16" | 100 | 330 |

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--------------------------------|------|----------|-------------|--|
| FB358A | BAG FILTER L= 32" - 1 MICRON | 40 | 107 | • | |
| FB358B | BAG FILTER L= 32" - 5 MICRON | 40 | 107 | • | |
| FB358C | BAG FILTER L= 32" - 10 MICRON | 40 | 107 | • | |
| FB358D | BAG FILTER L= 32" - 25 MICRON | 40 | 107 | • | |
| FB358E | BAG FILTER L= 32" - 50 MICRON | 40 | 107 | • | |
| FB358F | BAG FILTER L= 32" - 100 MICRON | 40 | 107 | • | |

| Ref | Length | Micron | Nominal Flow Rate (lpm) |
|--------|--------|--------|-------------------------|
| FB358A | 32" | 1 | 660 |
| FB358B | 32" | 5 | 660 |
| FB358C | 32" | 10 | 660 |
| FB358D | 32" | 25 | 660 |
| FB358E | 32" | 50 | 660 |
| FB358F | 32" | 100 | 660 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| CE | MWG | Industrial |



High Flow Single 20" Cartridge MWG EuroFlow Filter Housings EF Series



- Single cartridge filter housings with fiberglass reinforced plastic pressure vessels;
- White painted, UVA-ray proof material;
- Suitable for industrial applications, for high chemical corrosion resistance;
- Compact and modular design;
- Ease of installation and maintenance;
- O-ring in EPDM;
- Max operating pressure 150 psi (10 bar);
- Max Δp = 2 bar;
- Operating temperature 5 \div 49 °C;
- Operating pH range 3 \div 11;
- With 3" DN80 Victaulic In/Out coupling connections and stub pipes in PVC-U PN = 4 bar;
- Straps and saddles included;
- 2014/68/EU Directive compliant for pressure equipment (PED);
- Suitable for high flow "special pleated cartridges", with guiding ring;
- Cartridges dimensions: 6" x 20".

| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|----------|---|------|----------|-------------|
| FBEF20S3 | MWG FILTER HOUSING EUROFLOW MONOCART.20" FRP 150PSI SP 3" VICT. | 40 | 114 | • |

| Ref | Cartridges Number | Weight (kg) | Capacity (Liters) | Nominal Flow Rate (lpm) |
|----------|-------------------|-------------|-------------------|-------------------------|
| FBEF20S3 | n.1 6" x 20" | 24 | 25 | 330 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



Cartridge to coupling

- High flow 6 layers "special pleated cartridges" single open-ended;
- Filter media and support in PP, o-ring seal in EPDM;
- End caps in fiberglass reinforced PP;
- Inside to outside flow pattern;
- External diameter = 6" (152 mm);
- Recommended maximum ΔP 1,0 bar at 20°C.
- T max = 80°C. Membrane area = 2,1m²

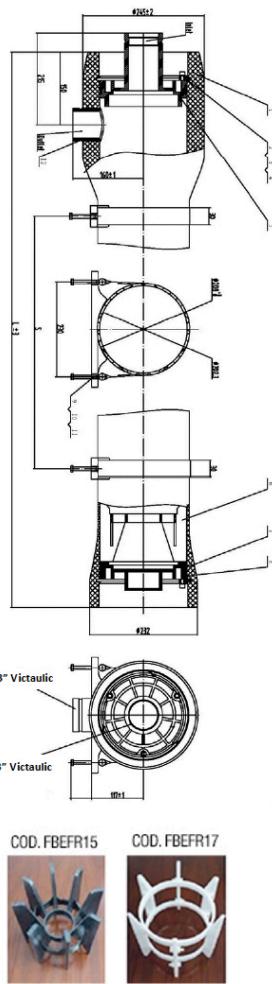
| Ref | Description | Fam. | Subfa m. | Disp. Stock |
|----------|--|------|----------|-------------|
| FAEF2001 | MONOCARTRIDGE PP 20" 1 MICRON FOR MGW EUROFLOW | 40 | 114 | • |
| FAEF2005 | MONOCARTRIDGE PP 20" 5 MICRON FOR MGW EUROFLOW | 40 | 114 | • |
| FAEF2010 | MONOCARTRIDGE PP 20" 10 MICRON FOR MGW EUROFLOW | 40 | 114 | • |
| FAEF2020 | MONOCARTRIDGE PP 20" 20 MICRON FOR MGW EUROFLOW | 40 | 114 | • |
| FAEF2050 | MONOCARTRIDGE PP 20" 50 MICRON FOR MGW EUROFLOW | 40 | 114 | • |
| FAEF20C1 | MONOCARTRIDGE PP 20" 100 MICRON FOR MGW EUROFLOW | 40 | 114 | • |
| FAEF20CL | MONOCARTRIDGE PP 20" 150 MICRON FOR MGW EUROFLOW | 40 | 114 | • |
| FAEF20C2 | MONOCARTRIDGE PP 20" 200 MICRON FOR MGW EUROFLOW | 40 | 114 | • |

| Ref | Micron | Nominal Flow Rate (lpm) |
|----------|--------|-------------------------|
| FAEF2001 | 1 | 330 |
| FAEF2005 | 5 | 330 |
| FAEF2010 | 10 | 330 |
| FAEF2020 | 20 | 330 |
| FAEF2050 | 50 | 330 |
| FAEF20C1 | 100 | 330 |
| FAEF20CL | 150 | 330 |
| FAEF20C2 | 200 | 330 |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



High Flow Single 20" Cartridge MWG EuroFlow Filter Housings EF Series



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--|------|----------|-------------|--|
| FBEFR27 | MWG EUROFLOW LOCKING KIT SEGMENT | 40 | 114 | • | |
| FBEFR23 | MWG EUROFLOW END CAP WITH CONNECTION | 40 | 114 | • | |
| FBEFR15 | MWG EUROFLOW THRUST CONE | 40 | 114 | • | |
| FBEFR11 | 190x5.3 O-RING IN EPDM FOR MWG EUROFLOW | 40 | 114 | • | |
| FBEFR21 | MWG EUROFLOW HANDLED CLOSURE | 40 | 114 | • | |
| FBEFR13 | MWG EUROFLOW STRAP L=500 MM | 40 | 114 | • | |
| H8R001 | 8" MPV SADDLE FOR 300-1200 PSI | 35 | 180 | • | |
| FBEFR17 | MWG EUROFLOW GUIDING RING | 40 | 114 | • | |
| EA555 | VICT. COUPLING NYLON 300 PSI-3" (88,9 MM) - DN80 | 35 | 180 | • | |
| EA605 | PVC-U STUBE PIPE DN80 D90 | 35 | 180 | • | |

| Item | Ref | Q.ty | Material | Note |
|-------------|---------|------|-------------------|---------|
| 2+3+4 | FBEFR27 | 6 | AISI 304 | M8x16 |
| 5 | FBEFR23 | 1 | ABS | |
| 6 | FBEFR15 | 1 | ABS | |
| 7 | FBEFR11 | 3 | EPDM | 190x5,3 |
| 8 | FBEFR21 | 1 | ABS | |
| 9+10 | FBEFR13 | 2 | AISI 304 - Rubber | |
| 11 | H8R001 | 2 | Rubber | |
| Non Visual. | FBEFR17 | 1 | | |
| Non Visual. | EA555 | 2 | NYLON | |
| Non Visual. | EA605 | 2 | PVC-U | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Ref | L (mm) | S (mm) |
|----------|--------|--------|
| FBEF20S3 | 792 | 350 |



High Flow Single 40" Cartridge MWG EuroFlow Filter Housings EF Series



- Single cartridge filter housings with fiberglass reinforced plastic pressure vessels;
- White painted, UVA-ray proof material;
- Suitable for industrial applications, for high chemical corrosion resistance;
- Compact and modular design;
- With n.1 aeration valve and n.1 drain connection;
- Ease of installation and maintenance;
- O-ring in EPDM;
- Max operating pressure 150 psi (10 bar);
- Max Δp = 2 bar;
- Operating temperature 5 \pm 49 °C;
- Operating pH range 3 \pm 11;
- With 3" DN80 Victaulic In/Out coupling connections and stub pipes in PVC-U PN = 4 bar;
- Straps and saddles included;
- 2014/68/EU Directive compliant for pressure equipment (PED);
- Suitable for high flow "special pleated cartridges", with guiding ring;
- Cartridges dimensions 6" x 40".

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|----------|---|------|----------|-------------|--|
| FBEF40S3 | MWG FILTER HOUSING EUROFLOW MONOCART.40" FRP 150PSI SP 3" VICT. | 40 | 114 | • | |

| Ref | Cartridges Number | Weight (kg) | Capacity (Liters) | Nominal Flow Rate (lpm) |
|----------|-------------------|-------------|-------------------|-------------------------|
| FBEF40S3 | n.1 6" x 40" | 27 | 41 | 660 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|------------|
| DM174-2004 CE | MWG | Industrial |



Cartridge to coupling

- High flow 6 layers "special pleated cartridges" single open-ended;
- Filter media and support in PP, o-ring seal in EPDM;End caps in fiberglass reinforced PP;
- Inside to outside flow pattern; External diameter = 6" (152 mm);
- Recommended maximum Δp 1,0 bar at 20°C. T max = 80°C. Membrane area = 4,5m2

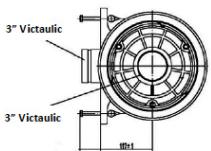
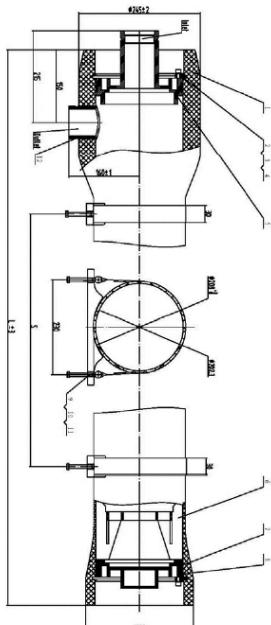
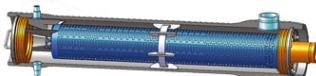
| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|----------|--|------|----------|-------------|--|
| FAEF4001 | MONOCARTRIDGE PP 40" 1 MICRON FOR MGW EUROFLOW | 40 | 114 | • | |
| FAEF4005 | MONOCARTRIDGE PP 40" 5 MICRON FOR MGW EUROFLOW | 40 | 114 | • | |
| FAEF4010 | MONOCARTRIDGE PP 40" 10 MICRON FOR MGW EUROFLOW | 40 | 114 | • | |
| FAEF4020 | MONOCARTRIDGE PP 40" 20 MICRON FOR MGW EUROFLOW | 40 | 114 | • | |
| FAEF4050 | MONOCARTRIDGE PP 40" 50 MICRON FOR MGW EUROFLOW | 40 | 114 | • | |
| FAEF40C1 | MONOCARTRIDGE PP 40" 100 MICRON FOR MGW EUROFLOW | 40 | 114 | • | |
| FAEF40CL | MONOCARTRIDGE PP 40" 150 MICRON FOR MGW EUROFLOW | 40 | 114 | • | |
| FAEF40C2 | MONOCARTRIDGE PP 40" 200 MICRON FOR MGW EUROFLOW | 40 | 114 | • | |

| Ref | Micron | Nominal Flow Rate (lpm) |
|----------|--------|-------------------------|
| FAEF4001 | 1 | 660 |
| FAEF4005 | 5 | 660 |
| FAEF4010 | 10 | 660 |
| FAEF4020 | 20 | 660 |
| FAEF4050 | 50 | 660 |
| FAEF40C1 | 100 | 660 |
| FAEF40CL | 150 | 660 |
| FAEF40C2 | 200 | 660 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| DM174-2004 | MWG | Industrial |



High Flow Single 40" Cartridge MWG EuroFlow Filter Housings EF Series



COD. FBEFR15 COD. FBEFR17



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|---------|--|------|----------|-------------|--|
| FBEFR27 | MWG EUROFLOW LOCKING KIT SEGMENT | 40 | 114 | • | |
| FBEFR23 | MWG EUROFLOW END CAP WITH CONNECTION | 40 | 114 | • | |
| FBEFR15 | MWG EUROFLOW THRUST CONE | 40 | 114 | • | |
| FBEFR11 | 190x5.3 O-RING IN EPDM FOR MWG EUROFLOW | 40 | 114 | • | |
| FBEFR21 | MWG EUROFLOW HANDLED CLOSURE | 40 | 114 | • | |
| FBEFR13 | MWG EUROFLOW STRAP L=500 MM | 40 | 114 | • | |
| H8R001 | 8" MPV SADDLE FOR 300-1200 PSI | 35 | 180 | • | |
| FBEFR17 | MWG EUROFLOW GUIDING RING | 40 | 114 | • | |
| EA555 | VICT. COUPLING NYLON 300 PSI-3" (88,9 MM) - DN80 | 35 | 180 | • | |
| EA605 | PVC-U STUBE PIPE DN80 D90 | 35 | 180 | • | |

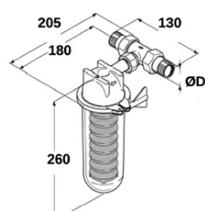
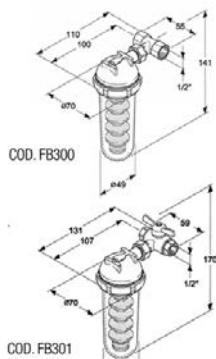
| Item | Ref | Q.TY | Material | Note |
|-------------|---------|------|-------------------|---------|
| 2+3+4 | FBEFR27 | 6 | AISI 304 | M8x16 |
| 5 | FBEFR23 | 1 | ABS | |
| 6 | FBEFR15 | 1 | ABS | |
| 7 | FBEFR11 | 3 | EPDM | 190x5,3 |
| 8 | FBEFR21 | 1 | ABS | |
| 9+10 | FBEFR13 | 2 | AISI 304 - Rubber | |
| 11 | H8R001 | 2 | Rubber | |
| Non Visual. | FBEFR17 | 1 | | |
| Non Visual. | EA555 | 2 | NYLON | |
| Non Visual. | EA605 | 2 | PVC-U | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Ref | L (mm) | S (mm) |
|----------|--------|--------|
| FBEF40S3 | 1300 | 580 |



Polyphosphate Proportioning Feeders



- proportional dosage to water flow through Venturi system;
- neutralizes the precipitation of calcium and magnesium carbonate up to 70°C making a protective coat over metallic share in contact with water;
- average dosage 3 ppm of P2O5;
- chrome pleated brass head, trogamid sump; each feeder includes a polyphosphate package.
- IN-OUT connections 1/2" F;
- max operating pressure 10 bar; max operating temperature 40°C; flow rate 1.500 l/h;
- N.2 PF/H polyphosphate refills 80 g for hard water.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--------------------------------------|------|----------|-------------|--|
| FB300 | POLYPHOSPHATE FEEDER DP 12 OR | 40 | 111 | • | |
| FB301 | POLYPHOSPHATE FEEDER DP 12 OR-BYPASS | 10 | 111 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------|
| DM174-2004 | | Domestic, Commercial |

- max operating pressure 10 bar;
- max operating temperature 40°C;
- N.2 PF/H polyphosphate refills 400 g for hard water.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--------------------------------|------|----------|-------------|--|
| FB302 | POLYPHOSPHATE FEEDER DP 34 OR | 40 | 111 | • | |
| FB303 | POLYPHOSPHATE FEEDER DP 1 OR | 40 | 111 | • | |
| FB304 | POLYPHOSPHATE FEEDER DP 114 OR | 40 | 111 | • | |

| Ref | In-Out Connections | Flow (l/h) |
|-------|--------------------|------------|
| FB302 | 3/4" M | 2500 |
| FB303 | 1" M | 3500 |
| FB304 | 1 1/4" M | 4400 |

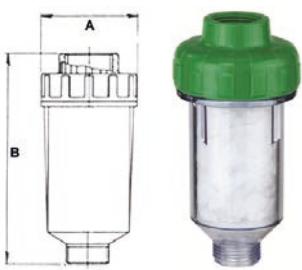
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------|
| DM174-2004 | | Domestic, Commercial |

Available polyphosphate packages as spare. NOTE: PF/H type for hard water (> 15°F) PF/S type for soft or softened (3 ÷ 15° F)

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--------------------|------|----------|-------------|--|
| FB340 | PACK PF/H 160 GR. | 40 | 112 | • | |
| FB341 | PACK PF/H 400 GR. | 40 | 112 | • | |
| FB342 | PACK PF/H 1000 GR. | 40 | 112 | • | |
| FB343 | PACK PF/S 160 GR. | 40 | 112 | • | |
| FB344 | PACK PF/S 400 GR. | 40 | 112 | • | |
| FB345 | PACK PF/S 1000 GR. | 40 | 112 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |



Polyphosphate Crystals Feeder

- polyphosphate crystals feeder antiscale;
- particular suitable for washing machines - dish washers - boilers;
- initial filling of polyphosphate included;
- max operating pressure 7 bar;
- max operating temperature 35°C.

| Ref | Description | | | Fam. | Subfa m. | Disp. Stock | |
|------------------------|--------------------------------------|-------------|---------------|---------------------------|----------------|-------------|--|
| FBDC07 | POLYPHOSPHATE CRYSTAL FEEDER DC 3/4" | | | 40 | 106 | • | |
| Ref | A (mm) | | B (mm) | Polyphosphate Filling (g) | | | |
| FBDC07 | 68 | | 130 | 160 | | | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight | | |
| | | | | | | | |
| Certificates | Manufacturer | | | Sectors | | | |
| STANDARD EN 1208: 2005 | MWG | | | Domestic, Commercial | | | |

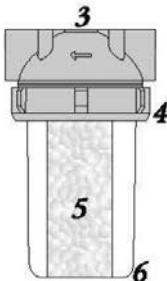
Polyphosphate Crystals White

- based on a mixture of selected high polymerization metaphosphates, in transparent vitreous state white colour;
- typical composition: P2O5 > 60% and Na2O = 30% av.;
- to be used as antiscalining and corrosion inhibitor with water for potable and industrial applications;
- slow dissolution crystals, proportional to crystal size, temperature, pH and water hardness.

| Ref | Description | | | Fam. | Subfa m. | Disp. Stock | |
|------------------------|---|-------------|---------------|----------------------|----------------|-------------|--|
| FB350 | PACK 25 KG WHITE POLYPHOSPHATE CRYSTALS 5-15 MM | | | 40 | 112 | • | |
| FB351 | PACK 25 KG WHITE POLYPHOSPHATE CRYSTALS 10-20 MM. | | | 40 | 112 | • | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight | | |
| | | | | | | | |
| Certificates | Manufacturer | | | Sectors | | | |
| STANDARD EN 1208: 2005 | MWG | | | Domestic, Commercial | | | |



Polyphosphate Feeders with Cartridges



- Particular suitable for washing machines - dish washers -boilers;
- Chrome pleated brass head (item 3 and 4);
- IN/OUT connections ½";
- Grilamid sump (item 6);
- Supplied with the first charge of polyphosphate (170 g);
- Operating flow rate 1200 l/h;
- Max operating temperature= 20°C;
- Max operating pressure = 16 bar;
- Test pressure = 50 bar;
- Empty weight 1.2 kg;
- The presence of silicate ensures greater protection of metal parts against corrosion;
- The spherical shape of the polyphosphate in our FB701 allows a greater regularity of the product consumption and consequently a more regular dosage.

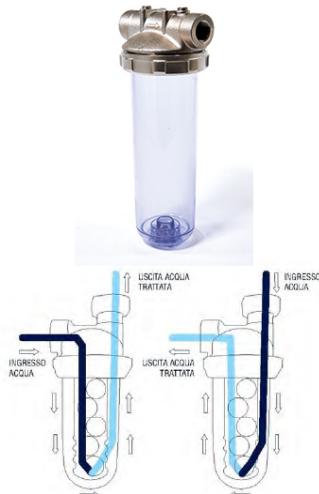
| Ref | Description | | | Fam. | Subfa m. | Disp. Stock | |
|------------------------|-------------------------------------|-------------|---------------|----------------------|----------------|-------------|--|
| FB700 | POLYPHOSPHATE FEEDED DPC 12 | | | 40 | 111 | | |
| FB701 | POLYPHOSPHATE FEEDED DPC 12 SPHERIC | | | 40 | 111 | | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight | | |
| | | | | | | | |
| Certificates | Manufacturer | | | Sectors | | | |
| DM174-2004 , DM25/2012 | | | | Domestic, Commercial | | | |

Spare Parts and Accessories

| Ref | Description | | | Fam. | Subfa m. | Disp. Stock | |
|------------|---|---|---------------|--------------|----------------|-------------|--|
| FB730 | SPARE CARTRIDGE FOR DPC 12 | | | 40 | 112 | | |
| FB731 | REPLACEMENT CARTRIDGE FOR DPC 12 SFERIC | | | 40 | 112 | | |
| FB317A | WRENCH FOR FB700 AND FB701 | | | 40 | 112 | | |
| ITEM | Ref | Description | | | | | |
| 5 | FB730 | SPARE CARTRIDGE FOR DPC 12 | | | | | |
| 5 | FB731 | REPLACEMENT CARTRIDGE FOR DPC 12 SFERIC | | | | | |
| Not visual | FB317A | WRENCH FOR FB700 AND FB701 | | | | | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight | | |
| | | | | | | | |



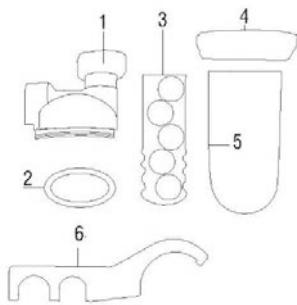
Polyphosphate Feeders with Cartridges



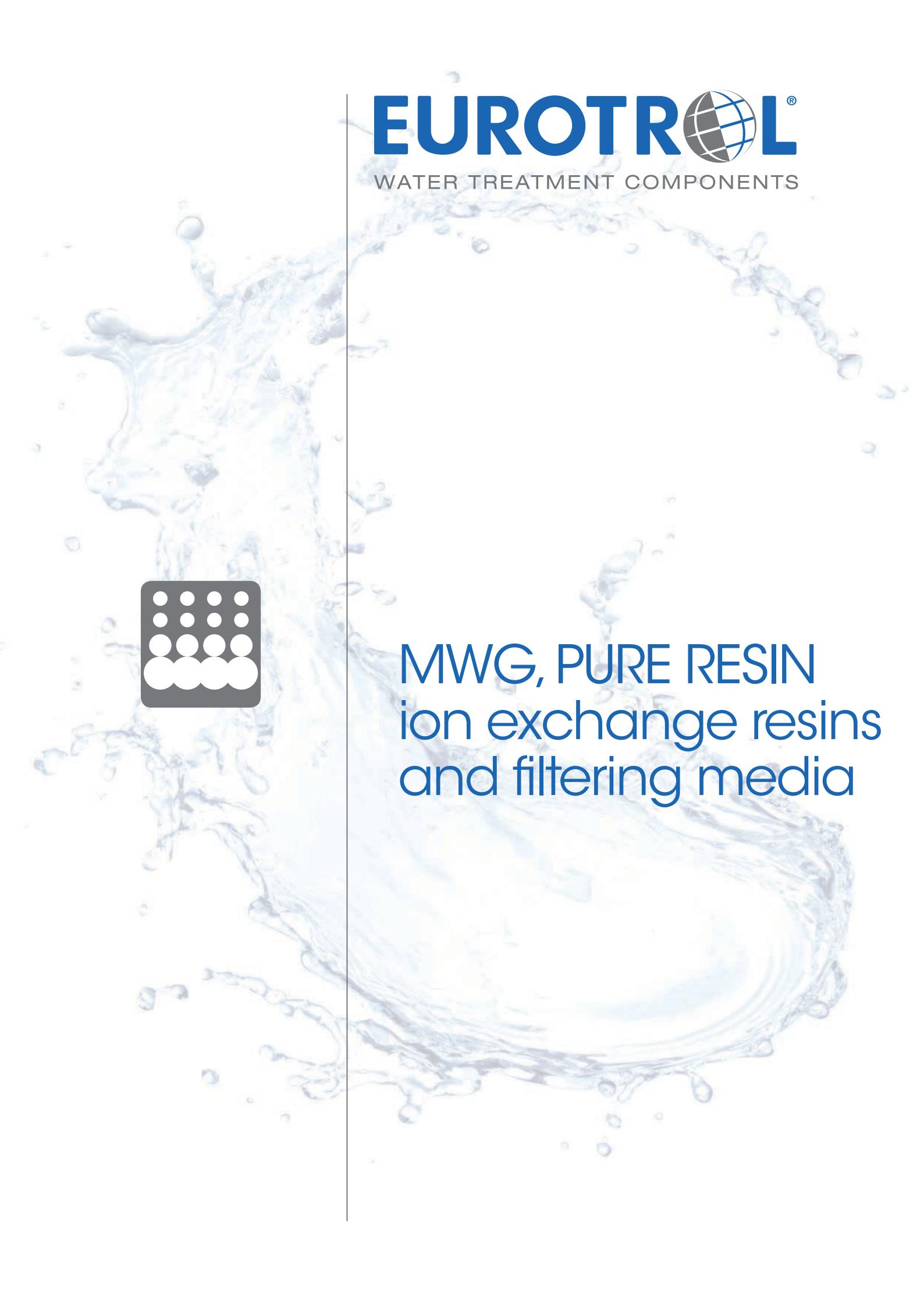
- Particular suitable for washing machines - dish washers - boilers;
- Chrome pleated brass head (item 1 and 4), Grialmid sump (item 5);
- ½" inlet and ½" outlet can be either vertical or horizontal connection: a kit provides a reduction from ¾" to ½";
- Supplied with the first charge of polyphosphate (item 3);
- Operating flow rate 1200 l/h;
- Max operating temperature = 40°C;
- Max operating pressure = 10 bar, Test pressure = 30 bar;
- Empty weight 700 g;
- Available on demand a wrench (our ref. FB317) to facilitate the disassembly of the housing.

| Ref | Description | | | Fam. | Subfa m. | Disp. Stock | |
|----------------------|--------------------------------|-------------|---------------|----------------------|----------------|-------------|--|
| FB702 | POLYPHOSPHATE FEEDED DPC 12-34 | | | 40 | 111 | | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight | | |
| | | | | | | | |
| Certificates | Manufacturer | | | Sectors | | | |
| DM174-2004 DM25-2012 | | | | Domestic, Commercial | | | |

Spare Parts and Accessories

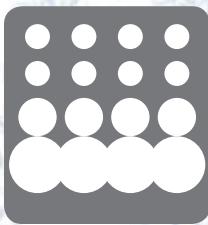


| Ref | Description | | | Fam. | Sotto Fam | Disp. Stock | |
|------------|--|--|---------------|--------------|----------------|-------------|--|
| FB732 | N. 2 REPLACEMENT CARTRIDGE FOR DPC 12 - 34 | | | 40 | 112 | | |
| FB317 | SPANNER FOR FB702 | | | 40 | 112 | | |
| ITEM | Ref | Description | | | | | |
| 3 | FB732 | N. 2 REPLACEMENT CARTRIDGE FOR DPC 12 - 34 | | | | | |
| 6 | FB317 | SPANNER FOR FB702 | | | | | |
| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight | | |
| | | | | | | | |

A large, faint watermark-like background image of water droplets and splashes in shades of blue and white.

EUROTR[®]OL

WATER TREATMENT COMPONENTS



MWG, PURE RESIN

ion exchange resins
and filtering media



MWG Resin



- Gel Strong Acid Cation Exchange Resin;
- Light coloured;
- Gel type Strongly Acidic unifunctional cross linked polystyrene structure containing Sulphonic Acid groups. It is a high capacity gel type resin with excellent physical and chemical properties;
- It is specially designed for the treatment of potable water. The resin is extremely robust and has excellent physical and chemical characteristics;
- Due to its high exchange capacity, it is recommended where hardness of Calcium and Magnesium salts are high. The resin is primarily used in industrial water softening application in Na⁺ form;
- Shipped in 25 liter bags.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock |
|-------|----------------------------------|------|--------------|----------------|
| RA600 | MWG STRONG CATION GEL RESIN (Na) | 65 | 301 | • |

| | |
|---|--|
| Polymer Matrix Structure | Polystirene |
| Functional Group | R-(SO ₃) ⁻ M ⁺ |
| Functional Group | Sodium (Na ⁺) |
| Physical Form and Appearance | Spherical Beads |
| Particle Size Range | +1,2 mm < 5%, - 0,3 mm < 1% |
| Uniformity Coefficient | 1,7 max |
| Water Retention, Na ⁺ form | 47 ÷ 53% |
| Swelling Na ⁺ → H ⁺ | 10% max |
| Shipping Weight, Na ⁺ form | 820 g/l (50 lbs/cu.ft, approx.) |
| Total Exchange Capacity, Na ⁺ form | 1,9 eq/l min. |
| pH Range | 0 ÷ 14 |

| Suggested Operating Conditions | |
|--------------------------------|--------------------------------------|
| Maximum Temperature | 140°C (284°F) max. |
| Maximum Temperature | 0,75 m (30") |
| Backwash Rate | 40% bed expansion |
| Regeneration | |
| Regenerant Concentration | 10% NaCl or saturated salt water |
| Flow Rate | 2 ÷ 8 BV/h (0,25 ÷ 1,00 gpm/cu.ft) |
| Contact Time | Same as Regenerant Flow Rate |
| Displacement Rinse Rate | Same as Regenerant Flow Rate |
| Displacement Rinse Volume | Same as Service Flow Rate |
| Displacement Rinse Volume | Same as Service Flow Rate |
| Fast Rinse Volume | 5 BV (37,5 gallons/cu.ft) |
| Fast Rinse Volume | 15 ÷ 30 BV/h (1,85 ÷ 3,70 gpm/cu.ft) |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|-------------------|--------------|----------------------------------|
| DM174- 2004, WRAS | MWG | Domestic, Commercial, Industrial |



Pure Resin PC002



- Gel Strong Acid Cation Exchange Resin;
- Light coloured;
- Gel type sulfonated polystyrene cation resin supplied in the sodium form as moist, tough uniform spherical beads;
- Well suited for industrial, commercial or residential softening applications;
- High capacity and good physical stability;
- Shipped in 25 liter bags.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|---|------|--------------|----------------|--|
| RA300 | STRONG CATION GEL PURE RESIN PC002 (Na) | 65 | 300 | • | |

| | |
|---|---------------------------------------|
| Polymer Matrix Structure | Polystyrene crosslinked with 7% DVB |
| Functional Group | R-(SO ₃)-M+ |
| Ionic Form, as shipped | Sodium (Na ⁺) |
| Physical Form and Appearance | Clear Spherical Beads |
| Sphericity | 95% min |
| Screen Size Range - U.S. Standard Screen | 16 ÷ 50 mesh, wet |
| Particle Size Range | +1,2 mm < 5%, -0,3 mm < 1% |
| Uniformity Coefficient | 1,6 max |
| Water Retention, Na ⁺ form | 45 ÷ 50% |
| Swelling Na ⁺ → H ⁺ | 10% max |
| Ca ²⁺ → Na ⁺ | 5% max |
| Shipping Weight, Na ⁺ form | 770 ÷ 870 g/l (50 lbs/cu.ft, approx.) |
| Total Exchange Capacity, Na ⁺ form | 1,9 eq/l min. |
| pH Range | 0 ÷ 14 |

| | |
|--|--------------------------------------|
| Suggested Operating Conditions | |
| Maximum Temperature Na ⁺ form | 120°C (248°F) |
| Maximum Temperature H ⁺ form | 100°C (212°F) |
| Minimum Bed Depth | 0,6 m (24") |
| Minimum Bed Depth | 8 ÷ 20% NaCl or saturated salt water |
| Regeneration | |
| Regenerant Concentration | 8 ÷ 20% NaCl or saturated salt water |
| Flow Rate | 2 ÷ 4 BV/h (0,25 ÷ 0,50 gpm/cu.ft) |
| Flow Rate | At least 30 Minutes |
| Displacement Rinse Rate | Same as Regenerant Flow Rate |
| Displacement Rinse Volume | Same as Service Flow Rate |
| Fast Rinse Rate | Same as Service Flow Rate |
| Fast Rinse Volume | 3 ÷ 4 BV (22,5 ÷ 30 gallons/cu.ft) |
| Service Flow Rate | 10 ÷ 50 BV/h (1,25 ÷ 6,25 gpm/cu.ft) |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|------------------------|--------------|----------------------------------|
| DM174-2004 NSF44 NSF61 | Pure Resin | Domestic, Commercial, Industrial |



Pure Resin PC003



- Gel Strong Acid Cation Exchange Resin;
- High capacity premium grade bead form, conventional gel polystyrene sulphonate cation exchange resin supplied in the sodium or hydrogen form;
- Intended for use in all water softening, dealculation, deionization and chemical processing applications, such as the following:
- In H form (PC003H), can be used in multiple and mixed bed demineralizers with strong base;
- Anion exchangers such as Pure PA101, PA102 and PA103 in OH- form.
- Well suited for industrial, commercial or residential softening applications because of its high capacity and good physical stability;
- Shipped in 25 liter bags.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|---|------|--------------|----------------|--|
| RA310 | STRONG CATION GEL PURE RESIN PC003 (Na) HIGH CAPACITY | 65 | 300 | • | |

| | |
|--|--|
| Polymer Matrix Structure | Clear Spherical Beads |
| Functional Group | R-(SO ₃) ⁻ M ⁺ |
| Ionic Form, as shipped | Na ⁺ / H ⁺ |
| Physical Form and Appearance | Clear Spherical Beads |
| Sphericity | 95% min |
| Screen Size Range US Standard Screen | 16 ÷ 50 mesh, wet |
| Particle Size Range | +1,2 mm < 5%, - 0,3 mm < 1% |
| Uniformity Coefficient | 1,6 max |
| Water Retention, Na ⁺ form - H form | 43 ÷ 48% - 50 ÷ 56% |
| Swelling Na ⁺ → H ⁺ | 10% max |
| Swelling Ca ²⁺ →Na ⁺ | 5% max |
| Shipping Weight, Na ⁺ form | 780 ÷ 880 g/l (51 lbs/cu.ft, approx.) |
| Shipping Weight, Ca ²⁺ →Na ⁺ | 770 ÷ 870 g/l (50 lbs/cu.ft, approx.) |
| Total Exchange Capacity, Na ⁺ form | 2,0 eq/l min. |
| Total Exchange Capacity, H ⁺ form | 1,9 eq/l min. |
| pH Range | 0 ÷ 14 |

| | |
|--------------------------------|--|
| Suggested Operating Conditions | |
| Maximum Temperature Na form | 150°C (300°F) max |
| Maximum Temperature H form | 100°C (212°F) max |
| Minimum Bed Depth | 0,6 m (24") |
| Backwash Rate | 25 ÷ 50% Bed Expansion |
| Regeneration | |
| Sodium Cycle | 8 ÷ 20% NaCl |
| Hydrogen Cycle | 5 ÷ 10% HCl, 2-8% H ₂ SO ₄ |
| Flow Rate | 2 ÷ 7 BV/h (0,25 ÷ 0,90 gpm/cu.ft) |
| Displacement Rinse Rate | Same as Regenerate Flow Rate |
| Displacement Rinse Volume | 1,4 ÷ 2,0 BV (10 ÷ 15 gallons/cu.ft) |
| Fast Rinse Rate | Same as Service Flow Rate |
| Fast Rinse Volume | 4 ÷ 8 BV (30 ÷ 60 gallons/cu.ft) |
| Service Flow Rate | 10 ÷ 50 BV/h (1,25 ÷ 6,25 gpm/cu.ft) |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|------------------------|--------------|----------------------------------|
| DM174-2004 NSF44 NSF61 | Pure Resin | Domestic, Commercial, Industrial |



Pure Resin PC003UN-NA



- Gel Strong Acid Cation Exchange Resin with high uniformity coefficient;
 - High capacity premium grade bead form, conventional gel polystyrene sulphonate cation exchange resin supplied in the sodium or hydrogen form;
 - Intended for use in all water softening, dealcalisation, deionization and chemical processing applications, such as the following:
 - In H form (PC003HUN), can be used in multiple and mixed bed demineralizers with strong base;
 - Anion exchangers such as Pure PA101, PA102 and PA103 in OH- form.
 - Well suited for industrial, commercial or residential softening applications because of its high capacity and good physical stability;
 - Shipped in 25 liter bags.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| RA312 | STRONG CATION GEL PURE RESIN PC003UN-Na | 65 | 300 | • | |

| | |
|---|--|
| Polymer Matrix Structure | Polystyrene crosslinked with 8% DVB |
| Functional Group | R-(SO ₃) ⁻ M ⁺ |
| Ionic Form, as shipped | Na ⁺ |
| Physical Form and Appearance | Clear Spherical Beads |
| Sphericity | 95% min |
| Screen Size Range US Standard Screen | 25 ÷ 35 mesh, wet |
| Particle Size Range | 0,5 ÷ 0,71 mm ≥ 95% |
| Uniformity Coefficient | 1,15 max |
| Water Retention, Na ⁺ form -H form | 43 ÷ 48% - 47 ÷ 54% i |
| Swelling Na ⁺ → H ⁺ | 10% max |
| Swelling Ca ²⁺ →Na ⁺ | 5% max |
| Shipping Weight, Na ⁺ form | 780 ÷ 880 g/l (51 lbs/cu.ft, approx.) |
| Shipping Weight, H form | 770 ÷ 870 g/l (50 lbs/cu.ft, approx.) |
| Total Exchange Capacity, Na ⁺ form | 2,0 eq/l min. |
| Total Exchange Capacity, H form | 1,9 eq/l min. |
| pH Range | 0 ÷ 14 |

| Suggested Operating Conditions | |
|--------------------------------|--|
| Maximum Temperature Na+ | 150°C (300°F) max |
| Maximum Temperature H+ | 100°C (212°F) max |
| Minimum Bed Depth | 0,6 m (24") |
| Backwash Rate | 25 ÷ 50% Bed Expansion |
| Regeneration | |
| Sodium Cycle | 8 ÷ 20% NaCl |
| Hydrogen Cycle | 5 ÷ 10% HCl, 2-8% H ₂ SO ₄ |
| Flow Rate | 2 ÷ 7 BV/h (0,25 ÷ 0,90 gpm/cu.ft) |
| Displacement Rinse Rate | Same as Regenerate Flow Rate |
| Displacement Rinse Volume | 1,4 ÷ 2,0 BV (10 ÷ 15 gallons/cu.ft) |
| Fast Rinse Rate | Same as Service Flow Rate |
| Service Flow Rate | 4 ÷ 8 BV (30 ÷ 60 gallons/cu.ft) |
| Service Flow Rate | 10 ÷ 50 BV/h (1,25 ÷ 6,25 gpm/cu.ft) |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|------------------------|--------------|----------------------------------|
| DM174-2004 NSF44 NSF61 | Pure Resin | Domestic, Commercial, Industrial |



Pure Resin PC100NA



- Macroporous Strong Acid Cation Exchange Resin;
- Macroporous poly (styrene sulphonate) cation exchange resin with excellent resistance to both osmotic and thermal shock;
- Supplied as spherical beads;
- Used for water softening with high level of DVB;
- Also widely used in mixed bed demineralizers where high hydraulic demands exist and high resistance to mechanical thermal and oxidative stresses are required, such as condensate polishing, chemical processing, hydrometallurgy, sugar treatment;
- Shipped in 25 liter bags.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|---|------|--------------|----------------|--|
| RA318 | STRONG CATION MACROPOROUS PURE RESIN PC100 (Na) | 65 | 300 | • | |

| | |
|---|--|
| Polymer Matrix Structure | Polystyrene crosslinked with 8% DVB |
| Functional Group | R-(SO ₃) ⁻ M ⁺ |
| Ionic Form, as shipped | Na ⁺ |
| Physical Form and Appearance | Clear Spherical Beads |
| Sphericity | 95% min |
| Screen Size Range US Standard Screen | 16 ÷ 50 mesh, a umido |
| Particle Size Range | +1,2 mm < 5%, - 0,3 mm < 1% |
| Uniformity Coefficient | 1,6 max |
| Water Retention | 45 ÷ 55% |
| Swelling Na ⁺ → H ⁺ | 10% max |
| Shipping Weight | 760 ÷ 830 g/l (50 lbs/cu.ft, approx.) |
| | 1,8 eq/l min. |
| pH Range | 0 ÷ 14 |

| | |
|--------------------------------|--------------------------------------|
| Suggested Operating Conditions | |
| Maximum Temperature | 150°C (300°F) max |
| Minimum Bed Depth | 0,6 m (24") |
| Backwash Rate | 2 ÷ 7 BV/h (0,25 ÷ 0,90 gpm/cu.ft) |
| Regeneration | 8 ÷ 20% NaCl |
| Flow Rate | 2 ÷ 7 BV/h (0,25 ÷ 0,90 gpm/cu.ft) |
| Contact Time | At least 20 Minutes |
| Displacement Rinse Rate | Same as Regenerant Flow Rate |
| Displacement Rinse Volume | 1,4 ÷ 2,0 BV (10 ÷ 15 gallons/cu.ft) |
| Fast Rinse Rate | Same as Service Flow Rate |
| Fast Rinse Volume | 4 ÷ 8 BV (30 ÷ 60 gallons/cu.ft) |
| Service Flow Rate | 10 ÷ 50 BV/h (1,25 ÷ 6,25 gpm/cu.ft) |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| DM174-2004 | Pure Resin | Industrial |



Pure Resin PC100H



- Macroporous Strong Acid Cation Exchange Resin;
- Macroporous poly (styrene sulphonate) cation exchange resin with excellent resistance to both osmotic and thermal shock;
- Supplied as spherical beads;
- Used for water softening with high level of DVB;
- Also widely used in mixed bed demineralizers where high hydraulic demands exist and high resistance to mechanical thermal and oxidative stresses are required, such as condensate polishing, chemical processing, hydrometallurgy, sugar treatment;
- Shipped in 25 liter bags.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|--|------|--------------|----------------|--|
| RA320 | STRONG CATION MACROPOROUS PURE RESIN PC100 (H) | 65 | 300 | • | |

| | |
|---|--|
| Polymer Matrix Structure | Polystyrene crosslinked with 8% DVB |
| Functional Group | R-(SO ₃) ⁻ M ⁺ |
| Ionic Form, as shipped | H ⁺ |
| Physical Form and Appearance | Clear Spherical Beads |
| Sphericity | 95% min |
| Screen Size Range US Standard Screen | 16 ÷ 50 mesh, wet |
| Particle Size Range | +1,2 mm < 5%, - 0,3 mm < 1% |
| Uniformity Coefficient | 1,6 max |
| Water Retention | 50 ÷ 60% |
| Swelling Na ⁺ → H ⁺ | 10% max |
| Shipping Weight, Na ⁺ form | 760 ÷ 830 g/l (50 lbs/cu.ft, approx.) |
| Total Exchange Capacity | 1,7 eq/l min. |
| pH Range | 0 ÷ 14 |

| | |
|--------------------------------|--|
| Suggested Operating Conditions | |
| Maximum Temperature | 120°C (248°F) max |
| Minimum Bed Depth | 0,6 m (24") |
| Backwash Rate | 2 ÷ 7 BV/h (0,25 ÷ 0,90 gpm/cu.ft) |
| Regeneration | 5 ÷ 10% HCl, 2 ÷ 8% H ₂ SO ₄ |
| Flow Rate | 2 ÷ 7 BV/h (0,25 ÷ 0,90 gpm/cu.ft) |
| Contact Time | At least 20 Minutes |
| Displacement Rinse Rate | Same as Regenerant Flow Rate |
| Displacement Rinse Volume | 1,4 ÷ 2,0 BV (10 ÷ 15 gallons/cu.ft) |
| Fast Rinse Rate | Same as Service Flow Rate |
| Fast Rinse Volume | 4 ÷ 8 BV (30 ÷ 60 gallons/cu.ft) |
| Service Flow Rate | 10 ÷ 50 BV/h (1,25 ÷ 6,25 gpm/cu.ft) |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | Pure Resin | Industrial |



Pure Resin PC200FD



- Macroporous Weak Acid Cation Exchange Resin;
- Macroporous poly-acrylic weak acid cation resin;
- It can be supplied in the hydrogen (H⁺) form or sodium (Na⁺) as spherical beads;
- In H cycle is used for dealcalisation, deionization and chemical processing applications;
- Supplied in sodium cycle for use in applications such as softening and heavy metal cations removal. This requires a two stage regeneration process using a strong acid first and then a neutralization rinse to put the resin into the sodium form and is especially effective in high solids softening applications;
- Shipped in 25 liter bags.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|--|------|--------------|----------------|--|
| RA330 | WEAK CATION MACROPOROUS PURE RESIN PC200FD | 65 | 300 | • | |

| | |
|--|--|
| Polymer Matrix Structure | Acrylic-Divinylbenzene |
| Functional Group | R-(SO ₃) ⁻ M ⁺ |
| Ionic Form, as shipped | H ⁺ |
| Physical Form and Appearance | Clear Spherical Beads |
| Sphericity | 95% min |
| Screen Size Range US Standard Screen | 16 ÷ 50 mesh, wet |
| Particle size Range | +1,2 mm < 5%, - 0,3 mm < 1% |
| Uniformity Coefficient | 1,6 max |
| Water Retention, H ⁺ form | 45 ÷ 50% |
| Swelling Na ⁺ → H ⁺ | 65% max |
| Shipping Weight, H ⁺ form | 720 ÷ 800 g/l (46 lbs/cu.ft, approx.) |
| Total Exchange Capacity, H ⁺ form | 4 eq/l min. |
| pH Range | 4 ÷ 14 |

| Suggested Operating Conditions | |
|--|--|
| Maximum Temperature, H ⁺ form | 120°C (248°F) max |
| Minimum Bed Depth | 0,8 m (30") |
| Backwash Rate | 50 ÷ 75% Bed Expansion |
| Regeneration, Hydrogen Cycle | 5 ÷ 10% HCl, 0,5 ÷ 1% H ₂ SO ₄ |
| Flow Rate | 2 ÷ 7 BV/h 8 ÷ 20 gpm/cu.ft) |
| Contact Time | At least 30 Minutes |
| Displacement Rinse Rate | 1,4 ÷ 2 BV (10 ÷ 15 gallons/cu.ft) |
| Displacement Rinse Volume | 1,4 ÷ 2 BV (10 ÷ 15 gallons/cu.ft) |
| Fast Rinse Rate | Same as Service Flow Rate |
| Fast Rinse Volume | 16 ÷ 40 BV/h (2 ÷ 5 gpm/cu.ft) |
| Service Flow Rate | 16 ÷ 40 BV/h (2 ÷ 5 gpm/cu.ft) |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------------------|
| DM174-2004 | Pure Resin | Commercial, Industrial |



Pure Resin PA103OH



- Gel Strong Base Anion Exchange Resin;
- It is a Type II, gel strong-base anion exchange resin, with high capacity and excellent regeneration efficiency;
- Supplied as spherical beads in the hydroxyl form;
- It removes all ions including silica and CO₂, anyway, it operates best on waters having a high percentage of strong acids (FMA);
- Intended for use in all type of dealcalisation, demineralization, deionization and chemical processing applications;
- Shipped in 25 liter bags.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|--|------|--------------|----------------|--|
| RA340 | STRONG ANION GEL TYPE II PURE RESIN PA103 (OH) | 65 | 300 | • | |

| | |
|---|--|
| Polymer Matrix Structure | Polystyrene crosslinked with divinylbenzene |
| Functional Group | R-(SO ₃) ⁻ M ⁺ |
| Ionic Form, as shipped | Hydroxyl (OH ⁻) |
| Physical Form and Appearance | Clear Spherical Beads |
| Sphericity | 95% min |
| Screen Size Range US Standard Screen | 16 ÷ 50 mesh, wet |
| Particle Size Range | +1,2 mm < 5%, - 0,3 mm < 1% |
| Uniformity Coefficient | 1,6 max |
| Water Retention, Cl ⁻ form | 45 ÷ 50% |
| Swelling Cl ⁻ → OH ⁻ | 15% max |
| Weight, Cl ⁻ form | 680 ÷ 760 g/l (44 lbs/cu.ft, approx.) |
| Total Exchange Capacity, Cl ⁻ form | 1,3 eq/l min. |
| pH Range | 0 ÷ 14 |

| | |
|---|--------------------------------------|
| Suggested Operating Conditions | |
| Maximum Temperature, Cl ⁻ form | 60°C (140°F) max |
| Maximum Temperature, OH ⁻ form | 40°C (105°F) max |
| Minimum Bed Depth | 0,6 m (24") |
| Backwash Rate | 50 ÷ 75% Bed Expansion |
| Regeneration | |
| Regenerant Concentration | 2 ÷ 6% NaOH |
| Flow Rate | 2 ÷ 4 BV/h (0,25 ÷ 0,50 gpm/cu.ft) |
| Contact Time | At least 60 Minutes |
| Displacement Rinse Rate | 1,4 ÷ 2 BV (10 ÷ 15 gallons/cu.ft) |
| Displacement Rinse Volume | 1,4 ÷ 2 BV (10 ÷ 15 gallons/cu.ft) |
| Fast Rinse Rate | Same as Service Flow Rate |
| Fast Rinse Rate | 4 ÷ 8 BV (30 ÷ 60 gallons/cu.ft) |
| Service Flow Rate | 10 ÷ 50 BV/h (1,25 ÷ 6,25 gpm/cu.ft) |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
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| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | Pure Resin | Industrial |



Pure Resin PA201(CL)



- Macroporous Strong Base Anion Exchange Resin;
- It is a Type II, gel strong-base anion exchange resin;
- Supplied wet as spherical beads in the chloride form;
- It has a high operating capacity, especially on high-FMA feedwaters, as well as a high reversible sorptive capacity for complex organic materials, such as the fulvic and humic acids which occur in many surface water supplies;
- It is recommended for use in waters with low silica loads. For high silica waters, a type I anion resin such as Pure PA200 is recommended;
- Shipped in 25 liter bags.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|--|------|--------------|----------------|--|
| RA342 | STRONG ANION MACROPOROUS TYPE II PURE RESIN PA201 (Cl) | 65 | 300 | • | |

| | |
|--------------------------------------|---|
| Polymer Matrix Structure | Macroporous polystyrene crosslinked with divinylbenzene |
| Functional Group | R-N(CH3)2 (C2H4OH)+ |
| Ionic Form, as shipped | Chloride (Cl-) |
| Physical Form and Appearance | Opaque light yellowish spherical beads |
| Sphericity | 95% min |
| Screen Size Range US Standard Screen | 16 ÷ 50 mesh, wet |
| Particle Size Range | +1,2 mm < 5%, - 0,3 mm < 1% |
| Uniformity Coefficient | 1,6 max |
| Water Retention, Cl- form | 47 ÷ 57% |
| Swelling Cl- → OH- | 10% max |
| Weight, Cl- form | 1,2 eq/l min. |
| Total Exchange Capacity, Cl - form | 1,2 eq/l min. |
| pH Range | 0 ÷ 14 |

| | |
|--|--|
| Suggested Operating Conditions | |
| Maximum Temperature, Cl- form | 60°C (140°F) max |
| Maximum Temperature, OH- form | 40°C (105°F) max |
| Minimum Bed Depth | 0,8 m (30") |
| Backwash Rate | 50 ÷ 75% Bed Expansion |
| Regeneration, Regenerant Concentration | 2 ÷ 5% NaOH |
| Service/fast rinse | 5 ÷ 50 m/h (2 ÷ 20 gpm/ft2) |
| Co-current regeneration/displacement rinse | 1 ÷ 10 m/h (0,4 ÷ 4 gpm/ft2) |
| Total rinse requirement | 3 ÷ 5 Bed volumes |
| Temperature | Ambient up to 35°C (95°F) for silica removal |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | Pure Resin | Industrial |



Pure Resin PA200



- It is a Type I, Macroporous Strong Base Anion Exchange Resin supplied in chloride or hydroxide and has high capacity, shock resistant with high physical stability;
- It is widely used in multiple and mixed bed demineralizers, wherever complete ion and organic removal are required;
- It is also intended for use in all types of deionization systems, condensate polishing and chemical processing applications;
- Shipped in 25 liter bags.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| RA341 | STRONG ANION MACROPOROUS TYPE I PURE RESIN PA200 (Cl) | 65 | 300 | • | |

| | |
|--------------------------------------|---|
| Polymer Matrix Structure | Macroporous polystyrene crosslinked with divinylbenzene |
| Functional Group | R-N(CH3)3 |
| Ionic Form, as shipped | Chloride (Cl-) |
| Physical Form and Appearance | Opaque light yellowish spherical beads |
| Sphericity | 95% min |
| Screen Size Range US Standard Screen | 16 ÷ 50 mesh, wet |
| Particle Size Range | +1,2 mm < 5%, - 0,3 mm < 1% |
| Uniformity Coefficient | 1,6 max |
| Water Retention, Cl- form | 50 ÷ 60% |
| Swelling Cl- → OH- | 20 ÷ 30% |
| Weight, Cl- form | 660 ÷ 730 g/l (43 lbs/cu.ft, approx.) |
| Total Exchange Capacity, Cl- form | 1,15 eq/l min. |
| Total Exchange Capacity, OH- form | 0,92 eq/l min. |
| pH Range | 0 ÷ 14 |

| | |
|--|--------------------------------------|
| Suggested Operating Conditions | |
| Maximum Temperature, Cl- form | 80°C (170°F) |
| Maximum Temperature, OH- form | 60°C (140°F) |
| Minimum Bed Depth | 0,6 m (24") |
| Backwash Rate | 50 ÷ 75% Bed Expansion |
| Regeneration, Regenerant Concentration | 4 ÷ 6% NaOH |
| Service/Fast Rinse | 2 ÷ 8 BV/h (0,25 ÷ 1,0 gpm/ft2) |
| Contact Time | Minimum 60 minutes |
| Displacement Rinse Rate | Same as Regenerant Flow Rate |
| Displacement Rinse Volume | 1,4 ÷ 2,0 BV (10 ÷ 15 gallons/cu.ft) |
| Fast Rinse Rate | Same as Service Flow Rate |
| Fast Rinse Volume | 4,6 ÷ 8 BV (35 ÷ 60 gallons/cu.ft) |
| Service Flow Rate | 16 ÷ 32 BV/h (2,0 ÷ 4,0 gpm/cu.ft) |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | Pure Resin | Industrial |



Pure Resin PA300



- Macroporous Weak Base Anion Exchange Resin;
- It is a macroporous polystyrene weak-base anion exchange resin having tertiary amine functionality;
- It has superior kinetics and greater resistance to oxidation and osmotic shock, high chemical and physical stability;
- Intended primarily for use in multiple bed demineralizers;
- It can be used in a two-bed system following a strong acid cation exchanger such as Pure PC003 where weak acid ions (silica and carbon dioxide) do not have to be removed;
- It can also be used in a separate bed, ahead of the strong base exchanger to remove organics and strong acid ions;
- Shipped in 25 liter bags.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|---|------|--------------|----------------|--|
| RA350 | WEAK ANION MACROPOROUS PURE RESIN PA300 | 65 | 300 | • | |

| | |
|--------------------------------------|---|
| Polymer Matrix Structure | Polystyrene crosslinked with divinylbenzene |
| Functional Group | R-N-(CH ₃) ₂ |
| Ionic Form, as shipped | Free Base |
| Physical Form and Appearance | Spherical Beads |
| Sphericity | 95% min |
| Screen Size Range US Standard Screen | 16 ÷ 50 mesh, wet |
| Particle Size Range | +1,2 mm < 5%, - 0,3 mm < 1% |
| Uniformity Coefficient | 1,6 max |
| Water Retention, Cl- form | 50 ÷ 60% |
| Swelling Cl- → OH- | 25% max. |
| Weight, Cl- form | 650 ÷ 720 g/l (42 lbs/cu.ft, approx.) |
| Total Exchange Capacity, Cl- form | 1,4 eq/l min. |
| pH Range | 0 ÷ 14 |

| | |
|---------------------------|------------------------------------|
| Suggested Operating | |
| Maximum Temperature | 100°C (212°F) max |
| Minimum Bed Depth | 0,6 m (24") |
| Backwash Rate | 50 ÷ 75% Bed Expansion |
| Regeneration | |
| Regenerant Concentration | 2 ÷ 6% NaOH |
| Flow Rate | 2 ÷ 8 BV/h (0,25 ÷ 1,00 gpm/cu.ft) |
| Contact Time | At least 60 Minutes |
| Displacement Rinse Rate | Same as Regenerant Flow Rate |
| Displacement Rinse Volume | 1,4 ÷ 2 BV (10 ÷ 15 gallons/cu.ft) |
| Fast Rinse Rate | Same as Service Flow Rate |
| Fast Rinse Volume | 4,9 ÷ 8 BV (35 ÷ 60 gallons/cu.ft) |
| Service Flow Rate | 16 ÷ 32 BV/h (2,0 ÷ 4,0 gpm/cu.ft) |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | Pure Resin | Industrial |



Pure Resin PA202



- Nitrate Selective Resin;
- Macroporous strong base anion exchange resin supplied in the chloride form as moist, tough, spherical beads, specially designed for the removal of nitrates from water;
- The macroporous matrix and special ion exchange group functionality imparts ideal nitrate selectivity to Pure PA202 making this resin particularly suitable for nitrate removal even when moderate to high sulphate concentrations are present;
- Shipped in 25 liter bags.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|--|------|--------------|----------------|--|
| RA360 | STRONG ANION NITRATES SELECTIVE PURE RESIN PA202 | 65 | 300 | • | |

| | |
|--------------------------------------|--|
| Polymer Matrix Structure | Macroporous, Styrene with DVB |
| Functional Group | R-N-R3+ Cl- |
| Ionic Form, as shipped | Cl- |
| Physical Form and Appearance | Clear Spherical Beads |
| Sphericity | 95% min |
| Screen Size Range US Standard Screen | 16 ÷ 50 mesh, wet |
| Particle Size Range | +1,2 mm < 5%, - 0,3 mm < 1% |
| Uniformity Coefficient | 1,6 max |
| Water Retention, Cl- form | 52 ÷ 56% |
| Shipping Weight | 680 ÷ 730 g/l (42 ÷ 45,5 lbs/cu.ft, approx.) |
| Total Exchange Capacity | 1,0 eq/l min. |
| Max Operating Temperature | 100°C (212°F) max. |
| pH Range | 0 ÷ 14 |

| | |
|--------------------------------------|--|
| Suggested Operating Conditions | |
| Maximum Operating Temperature | 100°C (212°F) max |
| Working Exchange Capacity 25°C | ≥ 0,3 meq/l (wet) |
| Concentration of Regenerate Solution | NaCl: 8 ÷ 10% |
| Consumption of Regenerate | NaCl (8 ÷ 10%) Vol. : Resin Vol. = 2÷3 : 1 |
| Flow Rate of Regenerate Solution | 4 ÷ 6 (m/hr) |
| Flow Rate of Regenerate Solution | 30 ÷ 60 (minute) |
| Rinse Flow Rate | 15 ÷ 25 (m/hr) |
| Rinse Time (minute) | 25 (approx.) |
| Operating Flow Rate | 15 ÷ 25(m/hr) |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| DM174-2004 | Pure Resin | Domestic, Commercial, Industrial |



Pure Resin PMB101-2



- Mixed Bed Resin;
- It is a high capacity mixed bed ion exchange resin consisting of a mixture of a gel, Type I strong base anion resin and a gel strong acid cation resin for direct water purification;
- The conductivity is around 0,1 us/cm;
- Suitable for use in regenerable or non-regenerable cartridges, for deionization with high silica removal efficiency and refine water for electrical home applications;
- Shipped in 25 liter bags.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|-------------------------------|------|--------------|----------------|--|
| RA370 | MIXED BED PURE RESIN PMB101-2 | 65 | 300 | • | |

| | |
|---|--|
| Polymer Matrix Structure | Gel polystyrene crosslinked with DVB |
| Functional Group: Cation | R-SO3- H+ |
| Functional Group: Anion | R4-N-OH- |
| Ionic Form, as shipped | H+ / OH- |
| Physical Form and Appearance | Spherical Beads |
| Sphericity | 95% min |
| Screen Size Range US Standard Screen | 16 ÷ 50 mesh, wet |
| Particle Size Range | +1,2 mm < 5%, - 0,3 mm < 1% |
| Volume Ratio (as shipped) Cation | 40% PC003H |
| Volume Ratio (as shipped) Anion | 60% PA101OH |
| Total Exchange Capacity, Cation (in Na+ form) | 2,0 eq/l min. |
| Total Exchange Capacity, Cation (in H+ form) | 1,9 eq/l min. |
| Total Exchange Capacity, Anion (in Cl- form) | 1,0 eq/l min. |
| Total Exchange Capacity, Anion (in OH- form) | 1,0 eq/l min. |
| Water Retention, H+ form | 45 ÷ 50% |
| Water Retention, OH+ form | 53 ÷ 60% |
| Water Retention, H+ form | 700 ÷ 740 g/l (44 ÷ 46 lbs/cu.ft, approx.) |
| Max temperature | 60°C (140°F) |
| pH Range | 0 ÷ 14 |

| | |
|--------------------------------|---|
| Suggested Operating Conditions | |
| Minimum Bed Depth | 0,6 m (24") |
| Service Flow Rate | 20 ÷ 60 BV/h (2,5 ÷ 7,5 gpm/cu.ft) |
| Limitations | Extended exposure to strong oxidizers, such as chlorine, hydrogen peroxide and concentrated nitric acid, degrade the structural backbone of the resin and should be avoided |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | Pure Resin | Industrial |



Pure Resin PMB102-2



- Mixed Bed Resin;
- It is a high capacity mixed bed ion exchange resin consisting of a mixture of a gel, Type I strong base anion resin and a gel strong acid cation resin for direct water purification;
- The conductivity is around 0,1 us/cm;
- Suitable for use in regenerable or non-regenerable cartridges, for deionization with high silica removal efficiency and applications for treatment of the R.O. permeate;
- Shipped in 25 liter bags.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|---|------|--------------|----------------|--|
| RA372 | MIXED BED PURE RESIN PMB102-2 (REFINING PERMEATE WATER) | 65 | 300 | • | |

| | |
|--|--|
| Polymer Matrix Structure | Gel polystyrene crosslinked with DVB |
| Polymer Matrix Structure: Cation | R-SO3- H+ |
| Polymer Matrix Structure: Anion | R4-N-OH- |
| Ionic Form, as shipped | H+ / OH- |
| Ionic Form, as shipped | Spherical Beads |
| Sphericity | 95% min |
| Screen Size Range US Standard Screen | 16 ÷ 50 mesh, wet |
| Particle Size Range | +1,2 mm < 5%, - 0,3 mm < 1% |
| Volume Ratio (as shipped): Cation | 40% PC003H |
| Volume Ratio (as shipped): Anion | 60% PA102OH |
| Total Exchange Capacity, (Cation (in Na+ form) | 2,0 eq/l min. |
| Total Exchange Capacity, Cation (in H+ form) | 1,9 eq/l min. |
| Total Exchange Capacity, Anion (in Cl- form) | 1,3 eq/l min. |
| Total Exchange Capacity, Anion (in OH- form) | 1,0 eq/l min. |
| Water Retention, H+ form | 45 ÷ 50% |
| Water Retention, OH+ form | 48 ÷ 58% |
| Shipping Weight (Approx.) | 700 ÷ 740 g/l (44 ÷ 46 lbs/cu.ft, approx.) |
| Max temperature: Non-regenerative bed | 100°C (212°F) |
| Max temperature: Regenerative bed | 60°C (140°F) |
| pH Range | 0 ÷ 14 |

| | |
|--------------------------------|---|
| Suggested Operating Conditions | |
| Minimum Bed Depth | 0,6 m (24") |
| Service Flow Rate | 20 ÷ 60 BV/h (2,5 ÷ 7,5 gpm/cu.ft) |
| Limitations | Extended exposure to strong oxidizers, such as chlorine, hydrogen peroxide and concentrated nitric acid, degrade the structural backbone of the resin and should be avoided |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | Pure Resin | Industrial |



Pure Resin PMB101-3



- Mixed Bed Resin;
- It is a high capacity mixed bed ion exchange resin consisting of a mixture of a gel, Type I strong base anion resin and a gel strong acid cation resin for direct water purification;
- The conductivity is around 0,06 us/cm;
- Suitable for use in regenerable or non-regenerable cartridges, for deionization with high silica removal efficiency and ultrapure water production applications;
- Shipped in 25 liter bags.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|---|------|--------------|----------------|--|
| RA374 | MIXED BED PURE RESIN PMB101-3 (PURE WATER 12 - 16 MOhm) | 65 | 300 | • | |

| | |
|---|--|
| Polymer Matrix Structure | Gel polystyrene crosslinked with DVB |
| Functional Group: Cation | R-SO3- H+ |
| Functional Group: Anion | R4-N-OH- |
| Ionic Form, as shipped | H+ / OH- |
| Physical Form and Appearance | Spherical Beads |
| Sphericity | 95% min |
| Screen Size Range US Standard Screen | 16 ÷ 50 mesh, wet |
| Particle Size Range | +1,2 mm < 5%, - 0,3 mm < 1% |
| Volume Ratio (as shipped) Cation | 40% PC003H |
| Volume Ratio (as shipped) Anion | 60% PA101OH |
| Total Exchange Capacity, Cation (in Na+ form) | 2,0 eq/l min. |
| Total Exchange Capacity, Cation (in H+ form) | 1,9 eq/l min. |
| Total Exchange Capacity, Anion (in Cl- form) | 1,3 eq/l min. |
| Total Exchange Capacity, Anion (in OH- form) | 1,0 eq/l min. |
| Water Retention, H+ form | 45 ÷ 50% |
| Water Retention, OH+ form | 53 ÷ 60% |
| Shipping Weight (Approx.) | 700 ÷ 740 g/l (44 ÷ 46 lbs/cu.ft, approx.) |
| Max temperature: Non-regenerative bed | 100°C (212°F) |
| Max temperature: Regenerative bed | 60°C (140°F) |
| pH Range | 0 ÷ 14 |

| | |
|--------------------------------|---|
| Suggested Operating Conditions | |
| Minimum Bed Depth | 0,6 m (24") |
| Service Flow Rate | 20 ÷ 60 BV/h (2,5 ÷ 7,5 gpm/cu.ft) |
| Limitations | Extended exposure to strong oxidizers, such as chlorine, hydrogen peroxide and concentrated nitric acid degrade the structural backbone of the resin and should be avoided. |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
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| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| | Pure Resin | Industrial |



Pure Resin PS400



- Selective removal of polyvalent ions;
- Macroporous Weak Acid Cation Exchange Resin;
- it is based on the iminodiacetic acid functional group, which has chelating properties for heavy metal ions even against high concentrations of calcium;
- It finds use in processes for extraction and recovery of metals from ores, galvanic plating solutions, picking baths and effluents;
- Shipped in 25 liter bags.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|--|------|--------------|----------------|--|
| RA376 | WEAK CATION POLYVALENT IONS SELECTIVE PURE RESIN PS400 | 65 | 300 | • | |

| | |
|--------------------------------------|---------------------------------------|
| Polymer Matrix Structure | Macroporous, Styrene / DVB |
| Functional Group | Iminodiacetatic |
| Functional Group | Na+ |
| Physical Form and Appearance | Milky White Spherical Beads |
| Sphericity | 95% min |
| Screen Size Range US Standard Screen | 16 ÷ 50 mesh, wet |
| Particle Size Range | 0,30 ÷ 1,20 mm ≥ 95 |
| Uniformity Coefficient | 1,6 max. |
| Water Retention, Na+ form | 55 ÷ 65% |
| Reversible Swelling H+ → Na+ | 40% max. |
| Shipping Weight | 720 ÷ 780 g/l (45 lbs/cu.ft, approx.) |
| Total Exchange Capacity, Na+ form | ≥ 1.0 meq/ml |
| pH Range | 6 ÷ 11 |

| | |
|--------------------------------|---|
| Suggested Operating Conditions | |
| Maximum Temperature, H+ form | 100°C (212°F) max. |
| Operating Flow Rate | 15 ÷ 45 (m/hr) |
| Method of Regeneration | pass 1 eq/l HCl 2~4 BV in 1~1,5 hours, rinse with DI water or soft water until pH = 3~4; pass 1 eq/l NaOH 2~4 BV in 1,5~2 hours, rinse with DI water or soft water until pH = 9 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|------------|
| DM174-2004 | Pure Resin | Industrial |



Greensand Plus



- Filter media used for removing soluble iron, manganese, hydrogen sulphide, arsenic and radium from well water supplies;
- The Manganese Greensand Plus has a manganese dioxide coated surface that acts as a catalyst in the oxidation-reduction of iron and manganese;
- The silica sand core allows to better withstand operating conditions in waters that are low in silica, TDS and hardness;
- A pre-filtration with sand and anthracite is recommended;
- The Manganese Greensand Plus can be used in CR (continuous regeneration) or IR (intermittent regeneration) and requires no changes in backwash rate or times or chemical feeds;
- The removal of iron and manganese can be made by using oxidant as chlorine, even in the presence of manganese;
- Not shipped in regenerated form; prior to use it is necessary to regenerate with a solution of potassium permanganate contacting the bed for a minimum of 4 hours. A regeneration level of 4 g of potassium permanganate per liter is recommended. Before placing in service the filter must be rinsed of all remaining traces of potassium permanganate;
- Dosage Cl₂ (mg/l) = 1 mg/l Fe + 3 mg/l Mn + 6 mg/l H₂S + 8 mg/l NH₃ for service flow rate continuous;
- Available in 14,2 liters bags.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|--------------------------------------|------|--------------|----------------|--|
| RA074 | MANGANESE GREENSAND PLUS BAG 14,2 LT | 65 | 315 | • | |

| Physical properties | | Operating conditions | |
|------------------------|-------------|---|-----------|
| Colour | black | pH range | 6,2 ÷ 8,8 |
| Specific gravity (g/l) | 2400 | Service flow rate continuous / intermittent (m ³ /h m ²) | 12 ÷ 29 |
| Bulk density (g/l) | 1410 | Backwash flow rate @13°C (m ³ /h m ²) | 30 |
| Effective size (mm) | 0,30 ÷ 0,35 | Backwash bed expansion (%) | 35 ÷ 40 |
| Uniform coefficient | 1,6 | Pressure drop (psi) | 10 ÷ 18 |

| Recommended Operating Guidelines | | Intermittently Regeneration (IR) | Recommended Operating Guidelines | |
|----------------------------------|--|----------------------------------|---------------------------------------|--|
| Minimum bed depth (mm) | 750 single media:380 each for dual media beds | Minimum bed depth (mm) | 500 Greensand Plus and 380 Anthracite | |
| Backwash Duration | 10 minutes (until water is CLEAR) | Backwash Duration | 10 minutes (until water is clear) | |
| Regenerant Dosage 6,5% Bleach | 65 liters / m ³ diluted in approx. 25 liters of water injected over 30 ÷ 40 minutes | | | |
| Regenerant Dosage 12% Bleach | 25 liters / m ³ diluted in approx. 25 liters of water injected over 30 ÷ 40 minutes | | | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
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| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| NSF61 | | Domestic, Commercial, Industrial |



MTM



- MTM consist of a light weight granular core with a coating of manganese dioxide, and is used for reducing iron, manganese and hydrogen sulphide from water. Its active surface coating oxidizes and precipitate soluble iron and manganese, and hydrogen sulphide is oxidized to a sulphur. The precipitates are filtered out in the granular bed and removed by backwashing;
- Compared to other iron removal medias, MTM has many advantages: pH level as low as 6,2 can be treated, dissolved oxygen is not essential, the media light weight reduces backwash water requirements;
- Chlorine can be beneficial in extending filter run times;
- MTM requires intermittent or continuous regeneration to maintain its oxidizing capacity, with a weak solution of potassium permanganate;
- Regeneration KMnO₄ solution from 1,5 to 2 g per liter MTM;
- A new bed should be regenerated at the start up;
- CAUTION: operating the filter after its oxidizing capacity is exhausted will reduce its service life and may cause staining;
- Influent limitations: none oil and polyphosphates;
- Available in 28,3 liters bags.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|------------------|------|----------|-------------|--|
| RA071 | MTM BAG 28.3 LT. | 65 | 315 | • | |

| PHYSICAL PROPERTIES | | OPERATING CONDITIONS | |
|------------------------|------------|--|------------------|
| Colour | dark brown | Bed depth (mm) | 600 ÷ 900 |
| Specific gravity (g/l) | 2000 | Service flow rate (m ³ /h m ²) | 8 ÷ 13 |
| Bulk density (g/l) | 715 | Backwash flow rate (m ³ /h m ²) | 20 ÷ 24 |
| Effective size (mm) | 0,45 | Backwash bed expansion (%) | 20 ÷ 40 |
| | | Capacity per liter (g) | 1,4 Fe or 0,7 Mn |
| | | pH range | 6,2 ÷ 8,5 |

| Box: WxLxH | Box: Q.tà | Box: Weight | Pallet: WxLxH | Pallet: Q.tà | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| NSF61 | Clack | Domestic, Commercial, Industrial |



BIRM



- Granular filter media used for the reduction of iron and manganese dissolved in the water. In ground water the dissolved iron is usually in the ferrous bicarbonate state and is not filterable; BIRM acts as an insoluble catalyst to enhance the reaction between dissolved oxygen and iron compounds, producing ferric hydroxide which precipitates and may be easily filtered;
- The physical characteristics of BIRM provide an excellent filter media which is easily cleaned by backwashing to remove the precipitant;
- BIRM is not consumed in the iron removal operation;
- Available in 28,3 liters bags;
- Following are the conditions necessary for a good efficiency of the BIRM:
- No Oil, Hydrogen Sulphide and Polyphosphates in the water;
- o pH 6,8 ÷ 9,0 (if water contains also manganese pH has to be 8,0 ÷ 8,5);
- o dissolved oxygen content must be equal to at least 15% of the iron content and 29% of the manganese content;
- o alkalinity should be greater than two times the combined sulphate and chloride concentration;
- o less than 5 ppm TOC.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|---------------------------|------|--------------|----------------|--|
| RA072 | BIRM REGULAR BAG 28.3 LT. | 65 | 315 | • | |

| PHYSICAL PROPERTIES | | OPERATING CONDITIONS | | | |
|------------------------|-----------|------------------------------|-----------|--|--|
| Colour | black | Bed depth (mm) | 750 ÷ 900 | | |
| Specific gravity (g/l) | 2000 | Service flow rate (m3/h m2) | 9 ÷ 13 | | |
| Bulk density (g/l) | 560 ÷ 640 | Backwash flow rate (m3/h m2) | 24 ÷ 30 | | |
| Mesh Size | 12 x 50 | Backwash bed expansion (%) | 20 ÷ 40 | | |
| Effective Size (mm) | 0,48 | | | | |
| Effective Size (mm) | 2,7 | | | | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
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| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| NSF61 | Clack | Domestic, Commercial, Industrial |



Pyrolusite



- PYROLUSITE is manganese dioxide (MnO_2) of very good quality and pureness obtained by washing, drying and screening of mineral selected for the specific catalytic activity;
- Used as catalyser for the reduction of iron and manganese dissolved in the water, by sand filters, mixed 20÷50 % with sand 0,4÷0,8 / 0,7÷1,2 mm;
- Does not require a compulsory regeneration with $KMnO_4$, but you can do a continuous chlorination or a chlorination during the backwash;
- Hardness 3° ± 5° Mosh;
- Available in 25 kg bags.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|--|------|--------------|----------------|--|
| RA069 | PYROLUSITE (MANGANESE DIOXIDE) BAG 25 KG | 65 | 315 | • | |

| Physical Properties | |
|---------------------|-----------|
| Colour | brown |
| Bulk density (g/l) | 2000 |
| Effective size (mm) | 0,3 ÷ 0,8 |
| Mn (%) | 80 |

| Operating Conditions | |
|--|--|
| Composition | Mixed 20÷50 % with sand 0,4÷0,8 / 0,7÷1,2 mm |
| Suggested filtration speed (m/h) | ≤ 10 |
| Max backwash speed (m ³ /h m ²) | 25 |
| Min contact time (min) | 6 |
| Range pH | 6,5 ÷ 8,5 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
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| Certificates | Manufacturer | Sectors |
|-------------------|--------------|----------------------------------|
| STANDARD EN 13752 | MWG | Domestic, Commercial, Industrial |



Activated Carbon



- RA204 activated carbon is not suitable for treatment of water intended for human consumption;
- In granular form;
- Suitable for Chlorine, chemical oxidants, chlorinated compounds and organic contaminants dissolved in water;
- activated carbon require periodic backwashing to eliminate accumulated suspended matters and to regrade the filter bed;
- A good backwashing of the AC filter bed of the start-up is required.
- Mainly bituminous origin coal activated carbons are carefully selected, with a thermal activation process at strictly controlled temperature to obtain a large surface area and a mesoporous structure allowing the adsorption of high molecular weight organic compounds in particular hydrocarbons, atrazine, surfactants;
- Mainly vegetal (coconut base) activated carbons are suitable for applications that need good resistance to the attrition and mechanical shocks; they have a microporous structure allowing the adsorption of low molecular weight organic compounds in particular trichloroethylene, tetrachloroethylene.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|---|------|----------|-------------|--|
| RA204 | BAG 25 KG CARB. CYLINDRICAL MIN. SC 45 (47 LT. ABOUT) | 65 | 305 | • | |
| RA201 | BAG 25 KG CARB. MIN. GAC 830 M (52 LT.ABOUT) | 65 | 305 | • | |
| RA202 | BAG 25 KG CARB. MIN. GAC 1240 M (52 LT. ABOUT) | 65 | 305 | • | |
| RA212 | BAG 25 KG CARB. MIN. NORIT GAC 830 W | 65 | 305 | | |
| RA212A | BIG BAG 500 KG CARB. MIN NORIT GAC 830 W | 65 | 305 | | |
| RA214 | BAG 25 KG CARB.MIN. NORIT GAC 1240 W | 65 | 305 | | |
| RA214A | BIG BAG 500 KG CARB. MIN. NORIT GAC 1240 W | 65 | 305 | | |
| RA206 | BAG 25 KG CARB. GAC 8X30 VEGETAL | 65 | 305 | • | |
| RA208 | BAG 25 KG CARB. GAC 12X40 VEGETAL | 65 | 305 | • | |

| Ref | Type | Origin | Size(mm) | Bulk density (g/l) | Bet (m²/g) | Iodine number (mg/g) | Ash content (%) |
|--------|------------------|---------|-----------|--------------------|------------|----------------------|-----------------|
| RA204 | SC45 cylindrical | Mineral | 4 | 530 | 700 | 750 | 12 |
| RA201 | GAC 8x30 | Mineral | 0,6 ÷ 2,4 | 480 | 1100 | 1000 | 12 |
| RA202 | GAC 12x40 | Mineral | 0,4 ÷ 1,7 | 480 | 1100 | 1000 | 12 |
| RA212 | Norit GAC 8x30 | Mineral | 0,6 ÷ 2,4 | 500 | 1100 | 950 | 12 |
| RA212A | Norit GAC 8x30 | Mineral | 0,6 ÷ 2,4 | 500 | 1100 | 950 | 12 |
| RA214 | Norit GAC 12x40 | Mineral | 0,4 ÷ 1,7 | 500 | 1100 | 950 | 12 |
| RA214A | Norit GAC 12x40 | Mineral | 0,4 ÷ 1,7 | 500 | 1100 | 950 | 12 |
| RA206 | GAC 8x30 | Vegetal | 0,6 ÷ 2,4 | 500 | 1250 | 1100 | 3 |
| RA208 | GAC 12x40 | Vegetal | 0,4 ÷ 1,7 | 500 | 1250 | 1100 | 3 |

| Operating conditions | |
|--|-----------|
| Bed depth (mm) (dechlorination) | 650 ÷ 750 |
| Service flow rate (m³/h m²) (dechlorination) | 12 ÷ 15 |
| Backwash flow rate (m³/h m²) | 24 ÷ 30 |
| Backwash bed expansion (%) | 30 ÷ 40 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
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| Certificates | Manufacturer | Sectors |
|---|--------------|------------------------|
| STANDARD EN 12915-1:2004 (except RA204) | MWG | Commercial, Industrial |



Acid Washed Activated Carbon



- High quality granular activated carbon produced by physical activation of selected raw material of mineral origin;
- It is further washed with acid in order to reduce the ash content;
- Particularly effective for the removal of organic pollutants, dyes, pesticides, chlorinated and aromatic solvents, phenols, tannins, chlorine derivatives and compounds that cause bad smells and tastes in drinking water;
- Suitable for different applications such as the purification of water intended for human consumption, the purification of wastewater, of process and condensates. It is also used in the purification and discoloration processes of intermediates chemical and food products;
- It can be thermally reactivated once its adsorbing capacity is exhaust;
- Available in 25 kg bags.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|---|------|--------------|----------------|--|
| RA222 | BAG 25 KG CARB. GAC 12X30 MINERAL ACID WASHED | 65 | 305 | • | |

| GENERAL PROPERTIES | | | |
|---|-------------------|-------------------|---------|
| Iodine number | Astm D 4607 | mg / g | 1.000 |
| Moisture as packed | Astm D 2867 | % | 2 |
| Size | Astm D 2862 | Mesh | 12 x 30 |
| Methylene blue index | 12 Mesh / 30 Mesh | % | 5 - 5 |
| Indice Blu di Metilene | Cefic Dab VI | ml | 18 |
| CCl ₄ adsorption | Astm D 3467 | % | 60 |
| Surface area (B.E.T.) | Astm D 3663 | m ² /g | 1.100 |
| Bulk density | Astm D 2854 | kg/m ³ | 460 |
| Density after back-washing and draining | | kg/m ³ | 420 |
| Iron (acid extraction) | | ppm | 300 |
| Hardness | Astm D 3802 | % | 95 |
| Ash content | Astm D 2866 | % | 8 |
| pH | Astm D 3838 | - | neutral |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
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| Certificates | Manufacturer | Sectors |
|-------------------|--------------|----------------------------------|
| STANDARD EN 12915 | MWG | Domestic, Commercial, Industrial |



Filter Sand and Gravel



- REF. RA049, RA050, RA051, RA052 and RA053;
- Filter sand and gravel shape of alluvium origin, uncrushed;
- High contents of silica, selected for specific use in water filtration for potable and industrial application;
- Hardness 7° Mosh.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---------------------------------|------|----------|-------------|--|
| RA049 | QUARTZ SAND 0.4 - 0.8 BAG 25 KG | 65 | 310 | • | |
| RA050 | QUARTZ SAND 0.8 - 1.2 BAG 25 KG | 65 | 310 | • | |
| RA051 | QUARTZ SAND 1 - 2 BAG 25 KG | 65 | 310 | • | |
| RA053 | QUARTZ SAND 2 - 3 BAG 25 KG | 65 | 310 | • | |
| RA052 | QUARTZ SAND 3 - 5 BAG 25 KG | 65 | 310 | • | |

| Ref | Description | SIZE (mm) |
|-------|---------------------------------|-----------|
| RA049 | QUARTZ SAND 0.4 - 0.8 BAG 25 KG | 0,4 ÷ 0,8 |
| RA050 | QUARTZ SAND 0.8 - 1.2 BAG 25 KG | 0,8 ÷ 1,2 |
| RA051 | QUARTZ SAND 1 - 2 BAG 25 KG | 1,0 ÷ 2,0 |
| RA053 | QUARTZ SAND 2 - 3 BAG 25 KG | 2,0 ÷ 3,0 |
| RA052 | QUARTZ SAND 3 - 5 BAG 25 KG | 3,0 ÷ 5,0 |

| Physical properties | |
|--------------------------|-----------|
| Colour | white |
| Specific gravity (g/l) | 2650 |
| Bulk density (g/l) | 1500 |
| SiO ₂ content | > 96 % |
| Humidity | 0,3 % max |
| Melting point | 1700 g/c |
| pH | 8 |

| Operating conditions | |
|--|-----------|
| Bed depth (mm) (sand filter) | 450 ÷ 750 |
| Service flow rate (m ³ /h m ²) | 8 ÷ 12 |
| Backwash flow rate (m ³ /h m ²) | 30 ÷ 42 |
| Backwash bed expansion (%) | 5 ÷ 10 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
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| Certificates | Manufacturer | Sectors |
|-------------------|--------------|----------------------------------|
| STANDARD EN 12904 | | Domestic, Commercial, Industrial |



Anthracite



- Granular anthracite selected per gradation, hardness and purity for specific use in potable and industrial water filtration;
- The high filtering efficiency of anthracite is due to its angular shape, that allows high filtering speed, longer filter runs and less head loss;
- Excellent media with density lower than sand, the anthracite is usually used in multimedia filters;
- Minimum carbon contents 90%, low silica, hardness 3° Mosh average.

Operating conditions:

- Monolayer bed depth 600 ÷ 900 mm;
- Top bed depth in multilayer beds 250 ÷ 450 mm;
- Service flow rate following specific conditions;
- Backwash flow rate 28 ÷ 35 m³/h m²;
- Bed expansion 20 ÷ 30%.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------|----------------------------------|------|--------------|----------------|--|
| RA060 | ANTHRACITE 0.6 - 1.0 BAG 25 KG | 65 | 310 | • | |
| RA061 | ANTHRACITE 2 - 3 BAG 25 KG. | 65 | 310 | • | |
| RA061A | ANTHRACITE 2 - 3 BIG BAG 1000 KG | 65 | 310 | | |

| Ref | Description | SIZE (mm) |
|--------|----------------------------------|-----------|
| RA060 | ANTHRACITE 0.6 - 1.0 BAG 25 KG | 0,6 ÷ 1,0 |
| RA061 | ANTHRACITE 2 - 3 BAG 25 KG. | 2,0 ÷ 3,0 |
| RA061A | ANTHRACITE 2 - 3 BIG BAG 1000 KG | 2,0 ÷ 3,0 |

| Physical properties | |
|------------------------|-----------------|
| Bulk density (g/l) | 950 |
| Absolute density (g/l) | 1400 |
| Humidity packaging | 2 % max |
| Ashes | 4 % (± 2) |
| Substances volatiles | 3 % (± 1) |
| Sulphur | 0,5 % max |
| pH | 8 ÷ 10 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
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| Certificates | Manufacturer | Sectors |
|-------------------|--------------|----------------------------------|
| STANDARD EN 12909 | | Domestic, Commercial, Industrial |



Calcite



- CALCITE is a natural crushed and screened calcium carbonate media which is used to neutralize low pH waters;
- Acidic water slowly dissolves the calcium carbonate to raise the pH which reduces the potential leaching of copper, lead and other metals found in typical plumbing systems;
- One of the advantages of CALCITE is its self-limiting property, that corrects pH only enough to reach a non corrosive equilibrium;
- Of course CALCITE will increase the hardness of the water;
- Periodic backwashing of the bed is necessary to keep in working order the system;
- The CALCITE bed will have to be periodically replenished as the CALCITE is depleted;
- Gravel support bed is recommended;
- Available in 15,6 liters bags.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|----------------------|------|--------------|----------------|--|
| RA073 | CALCITE BAG 15.6 LT. | 65 | 320 | • | |

| Physical properties | |
|--|---|
| Colour | white |
| Specific gravity (g/l) | 2700 |
| Bulk density (g/l) | 1450 |
| Effective size (mm) | 0,4 ÷ 1,1 |
| Composition | CaCO ₃ 95% min. MgCO ₃ 3% max |
| Operating conditions | |
| Bed depth (mm) | 600 ÷ 750 |
| Service flow rate (m ³ /h m ²) | 7 ÷ 15 |
| Backwash flow rate (m ³ /h m ²) | 20 ÷ 30 |
| Backwash bed expansion (%) | ≥ 50 |
| pH range | 5,0 ÷ 7,0 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| NSF60 | | Domestic, Commercial, Industrial |



Filter AG



- Filter-Ag is a non-hydrous silicon dioxide media which can be used as highly efficient filter media for the reduction of suspended matter. Its fractured edges and irregular surface provides an high surface area and complex flow path for efficient filtration;
- Less pressure loss through a bed of Filter-Ag than through most other filter medias;
- Light weight requires lower backwash rates than other filter medias;
- Upon installation allow bed to soak overnight before backwashing;
- Available in 28,3 liters bags.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|-------------------------|------|--------------|----------------|--|
| RA059 | FILTER AG - BAG 28,3 LT | 65 | 310 | • | |

| Physical properties | |
|------------------------|------------|
| Colour | light grey |
| Specific gravity (g/l) | 2250 |
| Specific gravity (g/l) | 380 ÷ 420 |
| Effective size (mm) | 0,5 ÷ 2,0 |

| Operating conditions | |
|---|-----------|
| Bed depth (mm) | 600 ÷ 900 |
| Service flow rate (m3/h m ²) | 12 ÷ 13 |
| Backwash flow rate (m3/h m ²) | 20 ÷ 24 |
| Backwash bed expansion (%) of bed depth | 20 ÷ 40 |
| Freeboard of bed depth (%) | ≥ 50 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| NSF61 | Clack | Domestic, Commercial, Industrial |



Filter AG Plus



- Filter-Ag Plus is a clinoptilolite natural media with a large surface area and microporous structure which can be used as highly efficient filter media for the reduction of suspended matter. Its irregular surface and 3 micron void spaces provides a surface area over 100 times greater than silica sand;
- Its low pressure drop, high service flow rates and high bed loadings combined with lower backwash frequency allow economy in equipment downsizing and reduced pumping requirements;
- Utilizing deep bed filtration can typically reduce suspended solids down to 5 micron or less range;
- Filter Ag Plus can be applied to systems designed for either pressure or gravity flow;
- Available in 28,3 liters bags.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|------------------------------|------|--------------|----------------|--|
| RA058 | FILTER AG PLUS - BAG 28,3 LT | 65 | 310 | • | |

| Physical properties | |
|------------------------|--------------------|
| Colour | White to off white |
| Specific gravity (g/l) | 2200 |
| Bulk density (g/l) | 800 |
| Effective size (mm) | 0,55 |

| Operating conditions | |
|--|---|
| Bed depth (mm) | 600 ÷ 1200 (900 for optimal filtration) |
| Service flow rate (m ³ /h m ²) | 30 ÷ 50 |
| Backwash flow rate (m ³ /h m ²) | 35 ÷ 45 |
| Backwash bed expansion (%) of bed depth | 30 ÷ 40 |
| Freeboard of bed depth (%) | ≥ 50 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| NSF61 | Clack | Domestic, Commercial, Industrial |



GFH (Granular Ferric Hydroxide)



- Granular ferric hydroxide GFH is an adsorbent for selective removal of arsenic (both arsenite and arsenate), phosphate, vanadium, antimony, lead, uranium, molybdenum and other heavy metals from natural water;
- Preoxidation is not required for arsenic removal applications;
- Once the media has exhausted its adsorption capacity, it is removed from the vessel and replaced with new media;
- The simplicity of this process is very attractive for small installations and wellhead applications;
- Active substance $\text{Fe(OH)}_3 + \beta\text{-FeOOH}$;
- Dry solids content 58% ($\pm 10\%$).

Requirements for raw water

- Free of turbidity
- Positive redox potential
- No calcium precipitation

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|--|------|----------|-------------|--|
| RA068 | GRANULAR FERRIC HYDROXIDE DRUM 30 KG | 65 | 315 | • | |
| RA068C | GRANULAR FERRIC HYDROXIDE BIG BAG 800 KG | 65 | 315 | • | |

| Physical properties (with water content 45%): | |
|---|--------------------------|
| Density of grains (g/l) | 1590 |
| Bulk density (g/l) backwashed | 1150 ($\pm 10\%$) |
| Particle size range (mm) | 0,2 \div 2,0 |
| Specific surface (m ² /g) (BET method) | circa 300 |
| Porosity of grains (%) | 72 \div 77 |
| Bulk porosity (%) | 22 \div 28 |
| Iron content, relative to dry solids | 600g / Kg ($\pm 10\%$) |

| Operating conditions | |
|--|----------------|
| Bed depth (m) | 0,8 \div 1,6 |
| Specific flow rate (m ³ /h m ²) | 5 \div 20 |
| Specific flow rate (m ³ /h m ²) | 3 \div 6 |
| Backwash flow rate (m ³ /h m ²) | 26 |
| Expansion free volume (%) of bed depth | 50 |
| Pressure loss max (bar) | 0,5 |
| Operation temperature max (°C) | 60 |
| AsO ₄ 3- Arsenic adsorption density in the drinking water processing (g/kg) | 1 \div 5 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|-------------------------|--------------|----------------------------------|
| STANDARD EN 15029 NSF61 | | Domestic, Commercial, Industrial |



Ecomix



- ECOMIX is a granular filtering media, suitable for removing natural organic matter, hardness, iron, manganese and ammonia in a wide pH range and without any oxidant products dosage;
- ECOMIX is a homogeneous mixture of five high quality ion-exchange and adsorption materials of natural and synthetic origin;
- You can use ECOMIX as a ion-exchange resin and regenerate it with sodium chloride (NaCl);
- Wide range of raw water as indicated in the "Limit Concentration Table" below;
- ECOMIX can treat water with high concentration of Fe and Mn, and with max TDS = 4000 mg/l;
- To calculate filter capacity, one should only consider water hardness and ion-exchange capacity (don't consider Fe and Mn data);
- NSF/ANSI 44, 61 & 372 certified;
- Shipping weight 0,75 kg / liter;
- Available in 12,0 liters bags.
- ECOMIX A is preferred when the contaminants to be removed are mainly Ammonia, Hardness, Iron and Manganese, and you have a little quantity of organic matter;
- ECOMIX C is preferred when the contaminants to be removed are mainly Ammonia, Hardness, Iron and Manganese, and you have a big quantity of organic matter;
- ECOMIX P is preferred when the contaminants to be removed are mainly Hardness, Iron and Manganese;
- **Warning:** if you use only a part of the product contained in a bag, you have to make sure that all the contents are mixed, in order to homogenize the product before spilling. ECOMIX is a mixture of five materials with different specific weight and different particle size, which if not well mixed tends to stratify.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--------------------------------------|------|----------|-------------|--|
| RA080 | FILTER MEDIA ECOMIX - A (BAG 12 LT.) | 65 | 315 | • | |
| RA081 | FILTER MEDIA ECOMIX - C (BAG 12 LT.) | 65 | 315 | • | |
| RA082 | FILTER MEDIA ECOMIX - P (BAG 12 LT.) | 65 | 315 | • | |

| Ref | Ion exchange capacity (eq/l) | Ion exchange capacity (g CaCO ₃ /l) | Dose of regenerant (g of NaCl 100% per liter) |
|-------|------------------------------|--|---|
| RA080 | 0,75 | 35 | 100 |
| RA081 | 0,65 | 30 | 100 |
| RA082 | 0,80 | 40 | 100 |

| Certificates | Manufacturer | Sectors |
|--------------------|--------------|----------------------------------|
| NSF44 NSF61 NSF372 | | Domestic, Commercial, Industrial |



Ecomix

Limit Concentration Tables

| RA080 | Hardness (ppm CaCO ₃) | Fe (mg/l) (ppm) | Mn (mg/l) (ppm) | COD (ppm O ₂) | Ammonia (mg/l) (ppm) | TDS (ppm) |
|--------------------------------|-----------------------------------|-----------------|-----------------|---------------------------|----------------------|------------|
| Raw water concentration limits | < 750 | < 15 | < 3 | < 20 | < 4 | < 4000 |
| Quality of purified water | ≤ 20 | < 0,3 | < 0,1 | < 10 | < 0,5 | No changes |

| RA081 | Hardness (ppm CaCO ₃) | Fe (mg/l) (ppm) | Mn (mg/l) (ppm) | COD (ppm O ₂) | Ammonia (mg/l) (ppm) | TDS (ppm) |
|--------------------------------|-----------------------------------|-----------------|-----------------|---------------------------|----------------------|------------|
| Raw water concentration limits | < 750 | < 10 | < 3 | < 20 | < 4 | < 4000 |
| Quality of purified water | ≤ 20 | < 0,3 | < 0,1 | < 4 | < 0,5 | No changes |

| RA082 | Hardness (ppm CaCO ₃) | Fe (mg/l) (ppm) | Mn (mg/l) (ppm) | COD (ppm O ₂) | Ammonia (mg/l) (ppm) | TDS (ppm) |
|--------------------------------|-----------------------------------|-----------------|-----------------|---------------------------|----------------------|------------|
| Raw water concentration limits | < 750 | < 10 | < 3 | N.A | N.A | < 4000 |
| Quality of purified water | ≤ 20 | < 0,3 | < 0,1 | N.A | N.A | No changes |

| Operating conditions | | Unit of measurement | |
|------------------------------------|--|---------------------|--|
| Maximum operating temperature | | 40 | |
| pH range | | 5 ÷ 9 | |
| Minimum bed depth | | 500 | |
| Optimum bed depth | | 800 | |
| Service flow rate | | 10 ÷ 25 | |
| Backwash flow rate (15÷20 min) | | 10 ÷ 15 | |
| Regeneration flow rate (45÷65 min) | | 3 ÷ 5 | |
| Active chlorine | | < 1 | |
| Free bed volume | | ≥ 40 | |
| | | % | |

Commonly used pressure vessels:

| | 8x35 | 8x44 | 10x35 | 10x54 | 12x52 | 13x54 | 14x65 | 16x65 | 21x60 |
|---|------|------|-------|-------|-------|-------|-------|-------|-------|
| Volume of Ecomix (Liters) | 16 | 20 | 24 | 36 | 48 | 60 | 72 | 96 | 144 |
| Flow Capacity (m ³ /h)@ 25 m/h | 0,8 | 0,8 | 1,2 | 1,2 | 1,8 | 2,0 | 2,5 | 3,0 | 5,5 |
| IX Capacity (kg CaCO ₃) | 0,56 | 0,7 | 0,8 | 1,3 | 1,7 | 2,1 | 2,5 | 3,3 | 5,0 |
| Salt Requirement (kg) | 1,6 | 2,0 | 2,4 | 3,6 | 4,8 | 6,0 | 7,2 | 9,6 | 14,4 |
| Backwash Flow Rate (m ³ /h) | 0,4 | 0,4 | 0,6 | 0,6 | 0,9 | 1,1 | 1,2 | 1,6 | 2,7 |



Corosex

- Corosex is designed for use in filters to neutralize acidity by increasing the pH value;
- By neutralizing the free carbon dioxide in water, Corosex can correct acidic water conditions and render it less corrosive. Corosex, being a highly reactive magnesium oxide, is used most effectively where pH correction is substantial or high flow conditions are in use. pH correction and media consumption are affected by a number of water chemical variables. Being soluble to acidity, Corosex will slowly dissolve and will need to be replenished periodically;
- On a per weight basis, magnesium oxide can neutralize five times more acidity than can calcium carbonate. This results in greatly reduced chemical usage for the same pH correction. Please note; under certain low flow conditions, Corosex may overcorrect and create a highly basic (high pH) condition;
- Under certain hardness conditions, pH correction can cause hardness minerals to precipitate out of solution, resulting in cementing or solidification of the Corosex mineral bed. Upflow service is generally recommended with hardness exceeding 9 °F. Always use an in-line filter ahead of an upflow system to prevent plugging of the lower distribution screen;
- As Corosex's magnesium oxide neutralizes the water, it will increase hardness and a softener may become necessary after the neutralizing filter;
- Corosex can be effectively combined with Calcite to combine the high flow neutralization properties of Corosex, along with the slower reacting low flow properties of Calcite, reducing potentially high basic properties due to overcorrection;
- High degree of activity and speed of correction allowing high flow;
- High capacity...less chemical usage;
- Available in 18,7 liters bags.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|----------------------|------|----------|-------------|--|
| RA075 | COROSEX BAG 18.7 LT. | 65 | 315 | • | |

| Physical properties | |
|------------------------|----------------|
| Colour | Brownish white |
| Specific gravity (g/l) | 3600 |
| Bulk density (g/l) | 1200 |
| Effective size (mm) | 1,4 |
| Uniformity coefficient | 1,7 |
| Composition | MgO 97% min. |
| Mesh size | 6 x 16 |

| Operating conditions | |
|------------------------------|-----------|
| Bed depth (mm) | 600 ÷ 750 |
| Service flow rate (m³/h m²) | 12 ÷ 15 |
| Backwash flow rate (m³/h m²) | 25 ÷ 30 |
| Backwash bed expansion (%) | ≥ 50 |
| pH range | 4,5 ÷ 6,0 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------------------|
| NSF60 | Clack | Domestic, Commercial, Industrial |



EUROTROL®

WATER TREATMENT COMPONENTS



**Residential R.O.
components**



In-Line Cartridges



- IN LINE cartridges 1/4" NPT F connections;
- Max pressure = 100 psi (7 bar);
- Max temperature = 35°C;

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| DE028 | IN LINE ACTIVATED CARBON CARTRIDGE 10" x 2" | 30 | 175 | • | |
| DE029 | IN-LINE SEDIMENT CARTRIDGE 10" x 2" | 30 | 175 | • | |

| Ref | Diameter (inch) | Lenght (inch) | Version | Flow (gpm) |
|-------|-----------------|---------------|--------------------------------|------------|
| DE028 | 2" | 10" | Coconut Shell Activated Carbon | 0,75 |
| DE029 | 2" | 10" | Sediment | 0,75 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| DM174-2004 | MWG | Domestic |

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| DE030 | IN-LINE ACTIVATED CARBON CARTRIDGE 11" x 2.1/2" | 30 | 175 | • | |
| DE031 | IN-LINE SEDIMENT CARTRIDGE 11" x 2.1/2" | 30 | 175 | • | |

| Ref | Diameter (inch) | Lenght (inch) | Version | Flow (gpm) |
|-------|-----------------|---------------|--------------------------------|------------|
| DE030 | 2½" | 11" | Coconut Shell Activated Carbon | 1,00 |
| DE031 | 2½" | 11" | Sediment | 1,00 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| DM174-2004 | MWG | Domestic |



Clips - Valves - Tubing

Single Mounting Clips: PP material - white colour.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|------------------|------|----------|-------------|--|
| DE033 | SINGLE CLIP 2" | 30 | 175 | • | |
| DE034 | SINGLE CLIP 2.5" | 30 | 175 | • | |
| DE006 | SINGLE CLIP 3" | 30 | 175 | • | |

| Ref | Description | Diameter (mm) |
|-------|------------------|---------------|
| DE033 | SINGLE CLIP 2" | 50 |
| DE034 | SINGLE CLIP 2.5" | 60 |
| DE006 | SINGLE CLIP 3" | 90 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |

Double Mounting Clips: PP material - white colour

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|------------------------------|------|----------|-------------|--|
| DE035 | DOUBLE CLIPS 2" x 2.5" | 30 | 175 | • | |
| DE036 | DOUBLE CLIPS 2.1/2" x 2.1/2" | 30 | 175 | • | |

| Ref | Description | Diameter (mm) |
|-------|------------------------------|---------------|
| DE035 | DOUBLE CLIPS 2" x 2.5" | 50 x 60 |
| DE036 | DOUBLE CLIPS 2.1/2" x 2.1/2" | 60 x 60 |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |



MWG High Pressure Switch



Pressure switch contact NO; Connection 1/4" G; Body material in Stainless Steel; Diaphragm in NBR; Max Voltage = 42 V; Max Current = 4 A; Max operating pressure = 150 bar; Operating temperature range = - 40 + 100°C Class protection IP54; Conform with CE safety Directives;

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|------------------------------------|------|----------|-------------|--|
| DH571 | MWG HIGH PRESSURE SWITCH 1-10 BAR | 30 | 175 | • | |
| DH573 | MWG HIGH PRESSURE SWITCH 1-20 BAR | 30 | 175 | • | |
| DH575 | MWG HIGH PRESSURE SWITCH 20-50 BAR | 30 | 175 | • | |

| Ref | Description | Tollerance |
|-------|------------------------------------|------------|
| DH571 | MWG HIGH PRESSURE SWITCH 1-10 BAR | ± 0,5 bar |
| DH573 | MWG HIGH PRESSURE SWITCH 1-20 BAR | ± 1 bar |
| DH575 | MWG HIGH PRESSURE SWITCH 20-50 BAR | ± 2 bar |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|----------------------------------|
| DM174-2004 CE | MWG | Domestic, Commercial, Industrial |

MWG Booster Pumps for Residential R.O.



- MWG booster pumps for residential R.O. Systems;
- Membrane booster pumps without transformer (to order separately);
- IN/OUT connections 3/8" F;

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---------------------------------------|------|----------|-------------|--|
| DH501 | BOOSTER PUMP M100G 1.1 LPM 24VDC 1.2A | 30 | 175 | • | |
| DH503 | BOOSTER PUMP L200G 1.6 LPM 24VDC 1.6A | 30 | 175 | • | |
| DH505 | BOOSTER PUMP L400G 2.6 LPM 24VDC 2.5A | 30 | 175 | • | |

| Ref | Ref Trasformatore | Inle pressure (psl) | Working pressure range (psl) | Flow 70 psi (l/min) | Rated current (A) | Current 70 psl (A) |
|-------|-------------------|---------------------|------------------------------|---------------------|-------------------|--------------------|
| DH501 | DH531 | 30 | 60 ÷ 80 | ≥ 1,1 | 1,8 | ≤ 1,2 |
| DH503 | DH533 | 30 | 60 ÷ 80 | ≥ 1,6 | 2,2 | ≤ 1,6 |
| DH505 | DH535 | 30 | 70 ÷ 90 | ≥ 2,6 | 3,6 | ≤ 2,5 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|----------|
| DM174-2004 CE | MWG | Domestic |

Transformer

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|------------------------|------|----------|-------------|--|
| DH531 | TRANSFORMER 24VDC 2A | 30 | 175 | • | |
| DH533 | TRANSFORMER 24VDC 2.5A | 30 | 175 | • | |
| DH535 | TRANSFORMER 24VDC 4A | 30 | 175 | • | |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| CE | | Domestic |



MWG Two -Way Solenoid Valves for R.O. Systems



Two-way solenoid valve NC direct acting; Body material plastic; Seals in EPDM; Spring in SS304; Range water temperature = 4°C ÷ 120°C; Range ambient temperature = -10°C ÷ +40°C; Range pressure = 0 ÷ 8 bar; Class protection IP65; Connections ¼" NPT; Orifice diameter 2,5 mm;

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| DH601 | MWG PLASTIC SOLENOID VALVEC NC 1/4" NPT 24V DC | 30 | 175 | • | |
| DH603 | MWG PLASTIC SOLENOID VALVEC NC 1/4" NPT 24V AC | 30 | 175 | • | |

| Ref | Description | Power supply |
|-------|--|--------------|
| DH601 | MWG PLASTIC SOLENOID VALVEC NC 1/4" NPT 24V DC | 24 V DC |
| DH603 | MWG PLASTIC SOLENOID VALVEC NC 1/4" NPT 24V AC | 220 V AC |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|----------|
| DM174-2004 CE | MWG | Domestic |



Two-way solenoid valve NC direct acting; Body material brass; Seals in EPDM; Range water temperature = 4°C ÷ 120°C; Class protection IP65; G thread connections;

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| DH611 | MWG BRASS SOLENOID VALVEC NC 1/4" GAS 24V DC | 30 | 175 | • | |
| DH615 | MWG BRASS SOLENOID VALVEC NC 3/8" GAS 220V AC 5 BAR | 30 | 175 | • | |

| Ref | Orifice diameter (mm) | Max operating pressure (bar) |
|-------|-----------------------|------------------------------|
| DH611 | 5 | 5 |
| DH615 | 5 | 5 |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|----------------------------------|
| DM174-2004 CE | MWG | Domestic, Commercial, Industrial |



Two-way solenoid valve NC indirect acting; Body material brass; Seals in EPDM; Range water temperature = 4°C ÷ 120°C; Class protection IP65; G thread connections;

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| DH621 | MWG BRASS SOLENOID VALVE NC 3/8" GAS 220V AC 16 BAR | 30 | 175 | • | |
| DH623 | MWG BRASS SOLENOID VALVE NC 1/2" GAS 220V AC | 30 | 175 | • | |
| DH625 | MWG BRASS SOLENOID VALVE NC 3/4" GAS 220V AC | 30 | 175 | • | |
| DH627 | MWG BRASS SOLENOID VALVE NC 1" GAS 220V AC | 30 | 175 | • | |
| DH629 | MWG BRASS SOLENOID VALVE NC 1 1/4" GAS 220V AC | 30 | 175 | • | |
| DH631 | MWG BRASS SOLENOID VALVE NC 1 1/2" GAS 220V AC | 30 | 175 | • | |
| DH633 | MWG BRASS SOLENOID VALVE NC 2" GAS 220V AC | 30 | 175 | • | |

| Ref | Orifice diameter (mm) | Max operating pressure (bar) |
|-------|-----------------------|------------------------------|
| DH621 | 15 | 16 |
| DH623 | 15 | 16 |
| DH625 | 20 | 16 |
| DH627 | 25 | 16 |
| DH629 | 35 | 16 |
| DH631 | 35 | 16 |
| DH633 | 50 | 16 |

| Certificates | Manufacturer | Sectors |
|---------------|--------------|----------------------------------|
| DM174-2004 CE | MWG | Domestic, Commercial, Industrial |



Valves for Residential R.O. and Filtration System



Needle Valves

Needle valve for residential R.O and filtration systems; for tube $\frac{1}{2}$ " M/F or $\frac{3}{8}$ " M/F; connection for $\frac{1}{4}$ " or $\frac{3}{8}$ " or $5/16$ " flexible tubing; material brass.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|--------|-----------------------------------|------|----------|-------------|--|
| DE039 | NEEDLE VALVE 1/2" MF X 1/4 TUBE | 30 | 175 | • | |
| DE050 | NEEDLE VALVE 1/2" MF X 3/8 TUBE | 30 | 175 | • | |
| DE050A | NEEDLE VALVE 1/2" MF X 5/16" TUBE | 30 | 175 | • | |
| DE039A | NEEDLE VALVE 3/8" M/F x1/4" TUBE | 30 | 175 | • | |

Drain and Diverter Valves for R.O. Systems



Suitable for residential R.O and filtration systems.

Drain Clamp - material ABS black.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-----------------------------|------|----------|-------------|--|
| DE040 | DRAIN CLAMP 1/4" TUBE | 30 | 175 | • | |
| DE049 | DRAIN CLAMP 1/4" FEMALE NPT | 30 | 175 | • | |



Diverter Valve with Swivel Collar

Connection for $\frac{1}{4}$ " tubing; material chrome pleated brass.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| DE042 | DIVERTER VALVE W/SWIVEL COLLAR 1/4" TUBE | 30 | 175 | • | |



Adapter 15/16" - 27 x 55/64" - 27

Length 8 mm; material chrome pleated brass.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-------------------------|------|----------|-------------|--|
| DE043 | ADAPTER 15/16" x 55/64" | 30 | 175 | • | |



Jaco Style Fittings



Jaco Style Fittings

Straight

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| DE063 | ELBOW FITTING 1/8"NPT x 1/4" TUBE | 30 | 175 | • | |
| DE064 | ELBOW FITTING 1/4"NPT x 1/4" TUBE | 30 | 175 | • | |
| DE068 | STRAIGHT FITTING 1/4" F NPT X1/4" TUBE | 30 | 175 | • | |
| DE069 | STRAIGHT FITTING 3/8" NPT X1/4" TUBE | 30 | 175 | • | |



Elbows

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-------------------------------------|------|----------|-------------|--|
| DE060 | ELBOW FITTING 1/8" NPT x 1/4" TUBE | 30 | 175 | • | |
| DE062 | ELBOW FITTING 1/8" FNPT x 1/4" TUBE | 30 | 175 | • | |
| DE061 | ELBOW FITTING 1/4" NPT x 1/4" TUBE | 30 | 175 | • | |
| DE070 | ELBOW FITTING 3/8" NPT X 1/4" TUBE | 30 | 175 | • | |



Tees

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| DE065 | TEES FITTING 1/4" NPT LATERAL X1/4" TUBE | 30 | 175 | • | |
| DE066 | TEES FITTING 1/4" NPT CENTRAL X1/4" TUBE | 30 | 175 | • | |
| DE067 | TEES FITTING 1/4" TUBE | 30 | 175 | • | |



Valves for Residential R.O. and Filtration System

Saddle Valve

Saddle valve self piercing for residential R.O and filtration systems; suitable for copper piping; connection for $\frac{1}{4}$ " tubing; material brass with aluminium clamp.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|------------------------|------|----------|-------------|--|
| DE041 | NEEDLE VALVE 1/4" TUBE | 30 | 175 | • | |

Flow Restrictors – Check Valves

In-Line Flow Restrictors

Quick connections $\frac{1}{4}$ " tube.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| DE105 | IN LINE FLOW RESTRICTOR 150 MLM - 1/4" TUBE | 30 | 175 | • | |
| DE106 | IN LINE FLOW RESTRICTOR 300 MLM - 1/4" TUBE | 30 | 175 | • | |
| DE107 | IN LINE FLOW RESTRICTOR 400 MLM - 1/4" TUBE | 30 | 175 | • | |
| DE108 | IN LINE FLOW RESTRICTOR 550 MLM - 1/4" TUBE | 30 | 175 | • | |
| DE109 | IN LINE FLOW RESTRICTOR 600 MLM - 1/4" TUBE | 30 | 175 | • | |
| DE110 | IN LINE FLOW RESTRICTOR 800 MLM - 1/4" TUBE | 30 | 175 | • | |

| Ref | Flow 60 psi (gpd) | Flow 60 psi (ml/min) |
|-------|-------------------|----------------------|
| DE105 | 60 | 150 |
| DE106 | 115 | 300 |
| DE107 | 150 | 400 |
| DE108 | 208 | 550 |
| DE109 | 227 | 600 |
| DE110 | 300 | 800 |

**JACO Style Check Valve**

Jaco style elbow $\frac{1}{8}$ " x $\frac{1}{4}$ " tube complete with AISI check-valve.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| DE079 | ELBOW 1/8"X1/4" TUBE W/STAINLESS STEEL CHECK VALVE | 30 | 175 | • | |

**S.S. Check Valve**

Stainless steel check valve $\frac{1}{8}$ " x $\frac{1}{8}$ "..

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---------------------------|------|----------|-------------|--|
| DE048 | CHECK-VALVE S.S. 1/8" NPT | 30 | 175 | • | |

**Elbowed Ball Valve**

Material white plastic; connections $\frac{1}{4}$ " F NPT x $\frac{1}{4}$ " tubing.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| DE052 | ELBOWED BALL VALVE 1/4" F NPTx1/4" TUBE | 30 | 175 | • | |

**Automatic Shut-Off Valve**

Material white ABS; connections $\frac{1}{4}$ " tubing; max pressure 125 psi (8,5 bar).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--------------------------|------|----------|-------------|--|
| DE038 | SHUT-OFF VALVE 1/4" TUBE | 30 | 175 | • | |

**Mechanical Flow Meter**

Adjustable setting; automatic shut-off based on volume; capacity 7000 litres; connections $\frac{1}{4}$ " NPT; operating pressure 1 ÷ 8,5 bar; material ABS, black colour.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--------------------------------|------|----------|-------------|--|
| DE080 | MECHANICAL FLOW METER 1/4" NPT | 30 | 175 | • | |



Storage Tanks for R.O. Systems



PP Storage Tanks

- Pressurized storage tank for treated water;
- White colour;
- Connection 1/4" NPT;
- Min. operating pressure 1 bar.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|---------------------------------|------|--------------|----------------|--|
| DE032 | PP/SS R.O STORAGE TANK 12 LT. | 30 | 175 | • | |
| DE051 | PLASTIC R.O STORAGE TANK 16 LT. | 30 | 175 | • | |

| Ref | Diameter (mm) | Height (mm) | Max pressure (bar) |
|-------|---------------|-------------|--------------------|
| DE032 | 240 | 370 | 7,0 |
| DE051 | 260 | 400 | 3,5 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| NSF58 CE | | Domestic |



Steel Storage Tanks

- Pressurized storage tank for R.O water;
- Material painted steel, white colour;
- Connection 1" BSPP female;
- With threaded extension M 1" x 1/4", with elbowed ball valve with connection 3/8" tubing;
- Min. operating pressure 1 bar;
- Max operating pressure 7 bar.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|-----------------------------|------|--------------|----------------|--|
| DE096 | S.S. RO STORAGE TANK 41 LT. | 30 | 175 | • | |
| DE097 | S.S. RO STORAGE TANK 75 LT. | 30 | 175 | • | |

| Ref | Diameter (mm) | Height (mm) |
|-------|---------------|-------------|
| DE096 | 390 | 575 |
| DE097 | 390 | 770 |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| NSF58 CE | | Domestic |

In-Line Cartridges

R.O. compact assembly and accessories

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|--------|--|------|--------------|----------------|--|
| DE100 | R.O. COMPACT GROUP | 30 | 175 | • | |
| DE101 | MEMBRANE 50 GPD FOR DE100 | 30 | 175 | • | |
| DE102A | PREFILTER CARTRIDGE SEDIMENT/CARBON BLOCK FOR EMPTY COMPACT R.O. ASEMBLY | 30 | 175 | • | |
| DE103 | GAC POSTFILETR CARTRIDGE FOR EMPTY COMPACT R.O. ASSEMBLY | 30 | 175 | • | |



Permeate Pump for Residential R.O. Systems



- Using the energy of the brine water of the R.O. system to pump the permeate into the pressure tank, increases the net operating pressure on the membrane and eliminate the negative effect of the pressure on the storage tank;
- Hydraulic pump, does not require electricity;
- For residential R.O. systems with pressurized storage tank and membrane from 35 to 100 GPD;
- The permeate pump can increase up to 5 time the system recovery, reducing the water consumption and the refill time of the storage tank;
- No shut-off valve is needed;
- Materials polypropylene/ EPDM;
- Max operating pressure 6,8 bar;
- Connections for 1/4" tubing;
- Max drain flow rate 0,8 l/min.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|---------------|------|--------------|----------------|--|
| DE120 | PERMEATE PUMP | 30 | 175 | • | |

Accessories



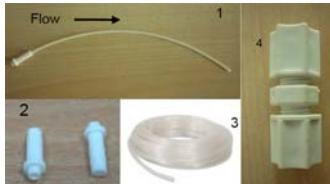
| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|---------------------------|------|--------------|----------------|--|
| DE121 | PERMEATE PUMP SINGLE CLIP | 30 | 175 | • | |

**Flexible 1/4" Tubing**

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-----------------------------------|------|----------|-------------|--|
| DE082 | PVC TUBE WHITE 1/4" - ROLL 50 MT. | 30 | 175 | • | |
| DE083 | PE TUBE BLUE 1/4" - ROLL 50 MT. | 30 | 175 | • | |
| DE084 | PE TUBE BLACK 1/4" ROLL 50 MT. | 30 | 175 | • | |
| DE086 | PE TUBE RED 1/4" - ROLL 50 MT. | 30 | 175 | • | |
| DE081 | PE TUBE CLEAR 1/4" - ROLL 100 MT. | 30 | 175 | • | |

**Insert for Flexible 1/4" Tubing:** CELCON material.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|------------------------------|------|----------|-------------|--|
| DE059 | PLASTIC INSERT FOR 1/4" TUBE | 30 | 175 | • | |

Flow Restrictor Linear Type

- Capillary adjusting flow system with insertion in tube 1/4" diameter ($\varnothing e=6,35$ mm);
- 200 mm standard length; you can change the length as required (please see the diagram below);
- **WARNING:** it is essential that the cutting of the capillary be net and tube perfectly circular (you can use an awl in order to restore the circular form), otherwise the flow rate value can be greatly altered. Observe the flow direction as shown in Picture n.1.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| DE122 | FLOW RESTRICTOR LINEAR TYPE - LG.200 MM | 30 | 175 | • | |
| DE124 | FLOW RESTRICTOR FRT-14P INSERT | 30 | 175 | • | |
| DE125 | CAPILLARY TUBE ROLL 25 MT | 30 | 175 | • | |
| DE123 | FLOW RESTRICTOR JACO 1/4" UNION* | 30 | 175 | • | |

| ITEM | Ref | Description |
|------|-------|---|
| 1 | DE122 | FLOW RESTRICTOR LINEAR TYPE - LG.200 MM |
| 2 | DE124 | FLOW RESTRICTOR FRT-14P INSERT |
| 3 | DE125 | CAPILLARY TUBE ROLL 25 MT |
| 4 | DE123 | FLOW RESTRICTOR JACO 1/4" UNION* |



Faucet



Long Reach Faucet

- material chrome plated; connection for 1/4" tubing; complete with installation kit; threaded tube length 50 mm.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-----------------------------|------|----------|-------------|--|
| DE037 | LONG REACH FAUCET 1/4" TUBE | 30 | 175 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |



Quarter-Turn faucet

- metal and plastic chrome material;
- connection for 1/4" tubing;
- complete with installation kit;
- threaded tube length 71 mm.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---------------------------------|------|----------|-------------|--|
| DE116 | QUARTER - TURN FAUCET 1/4" TUBE | 30 | 175 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |

Single Handle Faucet with Drinking Nozzle

- monobloc, material chrome plated;
- adjustable necks;
- hot and cold water connections 1/2" with needle valves; treated water connection 1/4" tube;
- complete with installation kit.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--------------------------------------|------|----------|-------------|--|
| DE087 | SINGLE HEAD FAUCET W/DRINKING NOZZLE | 30 | 175 | 175 | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |





Pressure Gauge - Adapters - Valves

**Pressure Gauge**

- pressure set 0 ÷ 10 bar;
- connection 1/8" M;
- diameter 25 mm.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---------------------------------|------|----------|-------------|--|
| DE077 | MANOMETER D.25 0-10 KG/CM2 1/8" | 30 | 175 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |

**3 Ways Adapter for Pressure Gauge**

- plastic material;
- connections 1/8" F x 1/8" M x 1/4" tube.

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---|------|----------|-------------|--|
| DE078 | 3-WAYS FITTING FOR MANOMETER 1/8 F X 1/8 M X 1/4 TUBO | 30 | 175 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------|
| | | Domestic |

**Union connector**

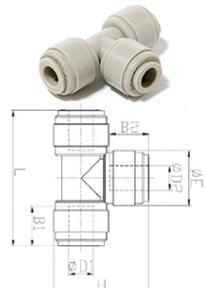
| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|-----------------------------|------|--------------|----------------|--|
| DH073 | UNION CONNECTOR 1/4" - 1/4" | 30 | 175 | • | |
| DH075 | UNION CONNECTOR 3/8" - 3/8" | 30 | 175 | • | |
| DH079 | UNION CONNECTOR 3/8" - 1/4" | 30 | 175 | • | |

| Ref | B1 (mm) | B2 (mm) | Ø E (mm) | L (mm) |
|-------|---------|---------|----------|--------|
| DH073 | 16,9 | 16,9 | 15,5 | 36,2 |
| DH075 | 20,2 | 20,2 | 20,0 | 42,9 |
| DH079 | 20,2 | 16,9 | 20,0 | 42,1 |

**Union elbow**

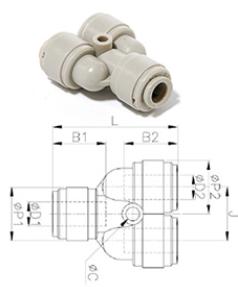
| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|-------------------------|------|--------------|----------------|--|
| DH083 | UNION ELBOW 1/4" - 1/4" | 30 | 175 | • | |
| DH085 | UNION ELBOW 3/8" - 3/8" | 30 | 175 | • | |

| Ref | B1 (mm) | B2 (mm) | Ø E 1 (mm) | Ø E 2 (mm) | L (mm) | H (mm) |
|-------|---------|---------|------------|------------|--------|--------|
| DH083 | 16,9 | 16,9 | 15,5 | 15,5 | 28,8 | 28,8 |
| DH085 | 20,2 | 20,2 | 20,0 | 20,0 | 35,9 | 35,9 |

**Union T**

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|------------------------------|------|--------------|----------------|--|
| DH093 | UNION TEE 1/4" - 1/4" - 1/4" | 30 | 175 | • | |
| DH095 | UNION TEE 3/8" - 3/8" - 3/8" | 30 | 175 | • | |

| Ref | B1 (mm) | B2 (mm) | B3 (mm) | Ø E (mm) | L (mm) | H (mm) |
|-------|---------|---------|---------|----------|--------|--------|
| DH093 | 16,9 | 16,9 | 16,9 | 15,5 | 42,0 | 28,8 |
| DH095 | 20,2 | 20,2 | 20,2 | 20,0 | 51,8 | 35,9 |

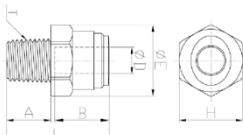
**Two way divider**

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|------------------------------------|------|--------------|----------------|--|
| DH103 | TWO WAY DIVIDER 1/4" - 1/4" - 1/4" | 30 | 175 | • | |
| DH105 | TWO WAY DIVIDER 3/8" - 3/8" - 3/8" | 30 | 175 | • | |

| Ref | B1 (mm) | B2 (mm) | Ø P1 (mm) | Ø P2 (mm) | L (mm) | J (mm) | C (mm) |
|-------|---------|---------|-----------|-----------|--------|--------|--------|
| DH103 | 16,9 | 16,9 | 15,5 | 15,5 | 38,8 | 15,5 | 3,3 |
| DH105 | 20,2 | 20,2 | 20,0 | 20,0 | 46,4 | 20,0 | 4,5 |



Fittings



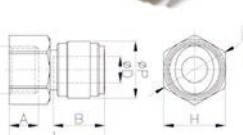
- Suitable for residential R.O. and filtration systems;
- Designed for water, food and air contact but can be used with selected gases, vacuum & other liquids;
- DM 174 (Italy) dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- In compliance with the sanitary certification ACS (France);
- In acetal resin grey color, non-toxic and NSF approved material; Pressure max 16 bar @ 25°C.

Male connector NPT

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-------------------------------------|------|----------|-------------|--|
| DH005 | MALE CONNECTOR 1/8" NPT WITH D=1/4" | 30 | 175 | • | |
| DH006 | MALE CONNECTOR 1/4" NPT WITH D=1/4" | 30 | 175 | • | |
| DH007 | MALE CONNECTOR 3/8" NPT WITH D=1/4" | 30 | 175 | • | |
| DH012 | MALE CONNECTOR 1/8" NPT WITH D=3/8" | 30 | 175 | • | |
| DH013 | MALE CONNECTOR 1/4" NPT WITH D=3/8" | 30 | 175 | • | |
| DH014 | MALE CONNECTOR 3/8" NPT WITH D=3/8" | 30 | 175 | • | |

| Ref | A (mm) | B (mm) | Ø E (mm) | H (mm) | L (mm) |
|-------|--------|--------|----------|--------|--------|
| DH005 | 9,1 | 16,9 | 17,8 | 15,8 | 27,0 |
| DH006 | 13,2 | 16,9 | 17,8 | 15,8 | 27,0 |
| DH007 | 13,8 | 16,9 | 21,4 | 19,0 | 26,1 |
| DH012 | 9,1 | 20,2 | 23,0 | 20,6 | 30,4 |
| DH013 | 13,2 | 20,2 | 23,0 | 20,6 | 34,3 |
| DH014 | 13,8 | 20,2 | 23,0 | 20,6 | 29,9 |

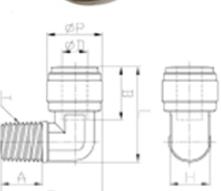
Female adapter NPTF



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-------------------------------------|------|----------|-------------|--|
| DH021 | FEMALE ADAPTER 1/8" NPT WITH D=1/4" | 30 | 175 | • | |
| DH022 | FEMALE ADAPTER 1/4" NPT WITH D=1/4" | 30 | 175 | • | |
| DH023 | FEMALE ADAPTER 1/4" NPT WITH D=3/8" | 30 | 175 | • | |

| Ref | Ø P (mm) | A (mm) | B (mm) | Ø E (mm) | H (mm) | L (mm) |
|-------|----------|--------|--------|----------|--------|--------|
| DH021 | 15,5 | 11,5 | 16,9 | 19,0 | 17 | 30,9 |
| DH022 | 15,5 | 11,5 | 16,9 | 21,5 | 19 | 30,9 |
| DH023 | 20,0 | 11,5 | 20,2 | 21,5 | 19 | 34,2 |

Male elbow NPT

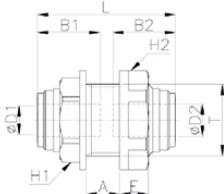


| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|---------------------------------|------|----------|-------------|--|
| DH033 | MALE ELBOW 1/8" NPT WITH D=1/4" | 30 | 175 | • | |
| DH034 | MALE ELBOW 1/4" NPT WITH D=1/4" | 30 | 175 | • | |
| DH035 | MALE ELBOW 3/8" NPT WITH D=1/4" | 30 | 175 | • | |
| DH038 | MALE ELBOW 1/4" NPT WITH D=3/8" | 30 | 175 | • | |
| DH039 | MALE ELBOW 3/8" NPT WITH D=3/8" | 30 | 175 | • | |

| Ref | Ø P (mm) | A (mm) | B (mm) | E (mm) | H (mm) | L (mm) |
|-------|----------|--------|--------|--------|--------|--------|
| DH033 | 15,5 | 9,1 | 16,9 | 26,4 | 11,0 | 25,6 |
| DH034 | 15,5 | 13,2 | 16,9 | 31,9 | 11,0 | 27,0 |
| DH035 | 15,5 | 13,8 | 16,9 | 32,7 | 11,0 | 28,9 |
| DH038 | 20,0 | 13,2 | 20,2 | 35,2 | 14,3 | 31,8 |
| DH039 | 20,0 | 13,8 | 20,2 | 35,8 | 14,3 | 33,9 |



Fittings



Bulkhead connector

| Ref | Description | | | | Fam. | Subfa m. | Disp. Stock | |
|-------|--------------------------------|--|--|--|------|----------|-------------|--|
| DH052 | BULKHEAD CONNECTOR 1/4" - 1/4" | | | | 30 | 175 | • | |
| DH054 | BULKHEAD CONNECTOR 3/8" - 3/8" | | | | 30 | 175 | • | |

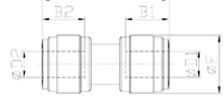
| Ref | T | B1 (mm) | B2 (mm) | H1 (mm) | H2 (mm) | L (mm) | |
|-------|-----|---------|---------|---------|---------|--------|--|
| DH052 | M17 | 16,9 | 16,9 | 19 | 21 | 35,7 | |
| DH054 | M24 | 20,2 | 20,2 | 24 | 25,5 | 42,4 | |



Union elbow tube with stem

| Ref | Description | | | | Fam. | Subfa m. | Disp. Stock | |
|-------|--|--|--|--|------|----------|-------------|--|
| DH063 | UNION ELBOW TUBE WITH STEM 1/4" - 1/4" | | | | 30 | 175 | • | |
| DH065 | UNION ELBOW TUBE WITH STEM 3/8" - 3/8" | | | | 30 | 175 | • | |
| DH067 | UNION ELBOW TUBE WITH STEM 3/8" - 1/4" | | | | 30 | 175 | • | |

| Ref | Ø P (mm) | A (mm) | B (mm) | E (mm) | L (mm) |
|-------|----------|--------|--------|--------|--------|
| DH063 | 15,5 | 21,0 | 16,9 | 34,8 | 25,1 |
| DH065 | 20,0 | 24,8 | 20,2 | 43,2 | 31,4 |
| DH067 | 17,6 | 22,5 | 17,5 | 38,3 | 27,7 |



Union connector

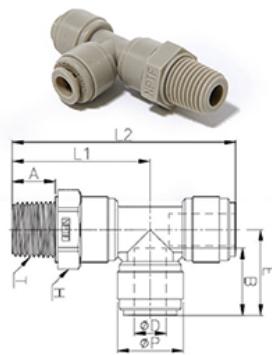
| Ref | Description | | | | Fam. | Subfa m. | Disp. Stock | |
|-------|-----------------------------|--|--|--|------|----------|-------------|--|
| DH073 | UNION CONNECTOR 1/4" - 1/4" | | | | 30 | 175 | • | |
| DH075 | UNION CONNECTOR 3/8" - 3/8" | | | | 30 | 175 | • | |
| DH079 | UNION CONNECTOR 3/8" - 1/4" | | | | 30 | 175 | • | |

| Ref | B1 (mm) | B2 (mm) | Ø E (mm) | L (mm) |
|-------|---------|---------|----------|--------|
| DH073 | 16,9 | 16,9 | 15,5 | 36,2 |
| DH075 | 20,2 | 20,2 | 20,0 | 42,9 |
| DH079 | 20,2 | 16,9 | 20,0 | 42,1 |





Fittings

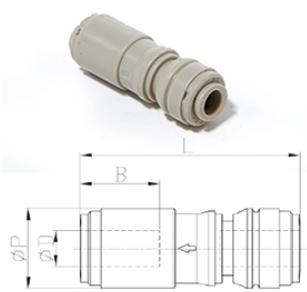


Male Swivel run tee NPT

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--|------|----------|-------------|--|
| DH122 | MALE SWIVEL RUN TEE 1/4" NPT WITH D=1/4" | 30 | 175 | • | |
| DH124 | MALE SWIVEL RUN TEE 3/8" NPT WITH D=3/8" | 30 | 175 | • | |

| Ref | Ø P (mm) | A (mm) | B (mm) | E (mm) | H (mm) | L1 (mm) | L2 (mm) |
|-------|----------|--------|--------|--------|--------|---------|---------|
| DH122 | 15,5 | 13,2 | 16,9 | 21,0 | 17,46 | 36,9 | 57,9 |
| DH124 | 20,0 | 13,0 | 20,2 | 25,9 | 21,4 | 41,8 | 67,7 |

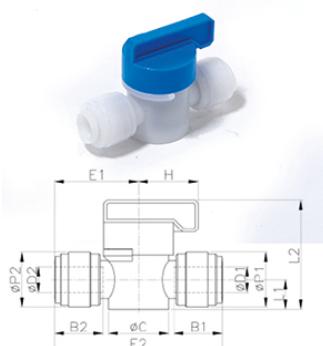
Check valves



| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-------------------|------|----------|-------------|--|
| DH131 | CHECK VALVES 1/4" | 30 | 175 | • | |
| DH133 | CHECK VALVES 3/8" | 30 | 175 | • | |

| Ref | Ø P (mm) | B (mm) | L (mm) |
|-------|----------|--------|--------|
| DH131 | 15,5 | 16,1 | 45,5 |
| DH133 | 20,0 | 19,5 | 57,8 |

2 ways hand valves



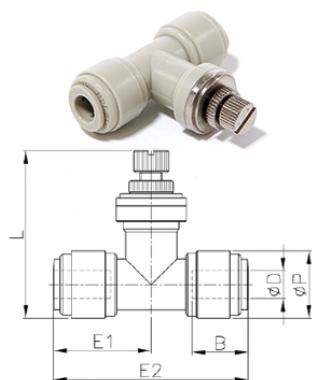
| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|-------------------------|------|----------|-------------|--|
| DH141 | 2 WAYS HAND VALVES 1/4" | 30 | 175 | • | |
| DH143 | 2 WAYS HAND VALVES 3/8" | 30 | 175 | • | |

| Ref | Ø D1 Connection (inch) | Ø D2 Connection (inch) | B1 (mm) | B2 (mm) | Ø P1 (mm) | Ø P2 (mm) | L1 (mm) | L2 (mm) | E (mm) | Ø C (mm) |
|-------|------------------------|------------------------|---------|---------|-----------|-----------|---------|---------|--------|----------|
| DH141 | 1/4" | 1/4" | 16,1 | 16,1 | 15,5 | 15,5 | 9,5 | 34,5 | 51,7 | 19,2 |
| DH143 | 3/8" | 3/8" | 202 | 20,2 | 20,2 | 20,2 | 12,5 | 42,3 | 63,2 | 24,2 |

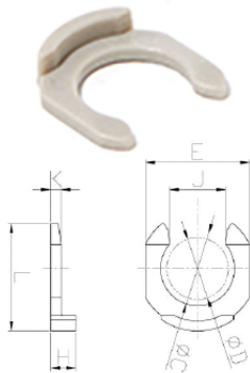


Fittings

Flow regulators



Locking clips



Male swivel tee NPTF

Ref

Description

Fam.

Subfa. m.

Disp. Stock

DH112 MALE SWIVEL TEE 1/4" NPT WITH D=1/4"

30

175

•

DH114 MALE SWIVEL TEE 3/8" NPT WITH D=3/8"

30

175

•

Ref

ø D Connection (inch)

ø C (mm)

E (mm)

L (mm)

H (mm)

J (mm)

K (mm)

DH112 06 - 1/4" 8,0 11,6 11,6 3,1 6,4 1,3

DH114 10 - 3/8" 11,8 16,0 16,4 3,4 9,2 1,4



PRF-RO Reverse Osmosis System



- Suitable for residential and commercial application use;
- Compact and reliable system that better suits the flow requirements of small and mid-sized businesses;
- No storage tank needed;
- Works with Line Pressure;
- No Pump or Electricity;
- Very easy installation with quick connections;
- Virtually Maintenance Free (change cartridges fast and easy);
- Consisting of Nr.1 Carbon Pre-Filter, Nr.2 R.O. Membrane Elements and Nr.1 Carbon Post-Filter.

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|--|------|--------------|----------------|--|
| DE904 | KIT R.O. PRF-RO SYSTEM P/N 4000462 WITH FAUCET | 30 | 179 | • | |

| Ref | P.N. | Description |
|-------|---------|--|
| DE904 | 4000462 | KIT R.O. PRF-RO SYSTEM P/N 4000462 WITH FAUCET |

| OPERATING CONDITIONS | MINIMUM | MAXIMUM |
|------------------------|------------------|------------------|
| Inlet Pressure | 2,8 bar (40 psi) | 5,5 bar (80 psi) |
| Inlet Temperature (°C) | 4 | 38 |
| Inlet TDS (mg/l) | 50 | 2.000 |
| Inlet Hardness (°F) | 0 | 20 |
| Inlet Chlorine (mg/l) | 0 | 1,0 |
| Inlet Iron (mg/l) | 0 | 0,1 |
| Inlet Manganese (mg/l) | 0 | 0,05 |

Salt Rejection: Minimum 90%, Medium 93%.

| TUBING/FITTING DIMENSIONS | |
|---|------------------------------|
| Inlet Tubing (natural tubing) | ½" |
| Concentrate Tubing (black tubing) | ¾" |
| Permeate Tubing (blue tubing) | ¾" |
| Drain Tubing (red tubing) for airgap installation | ½" |
| Drain connection | ¾" o ½" |
| Carbon Post-Filter | ¾" quick disconnect fittings |

Filter/Membrane Performance Specifications:

| Filter Type | Length (mm) | Diameter (mm) | Flow Rate (lpm) | Flow Rate (gpm) | Average Life (months) |
|--------------------|-------------|---------------|-----------------|-----------------|------------------------|
| Carbon Pre-Filter | 432 | 74 | 14,20 | 3,75 | 6 (or 19.000 Liters) |
| RO Element | 476 | 80 | 0,95 | 0,25 | 24 ÷ 48 |
| Carbon Post-Filter | 254 | 51 | 2,80 | 0,75 | 6 (or 19.000 Liters) |

| Box: WxLxH | Box: Q.ty | Box: Weight | Pallet: WxLxH | Pallet: Q.ty | Pallet: Weight |
|------------|-----------|-------------|---------------|--------------|----------------|
| | | | | | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------|
| | Pentair | Domestic, Industrial |



PRF-RO Reverse Osmosis System

Spare parts of PRF-RO Reverse Osmosis System:

| Ref | Description | Fam. | Subfa. m. | Disp. Stock | |
|-------|---|------|--------------|----------------|--|
| DE920 | MEMBRANE R.O. MERLIN P/N 4000569 | 30 | 179 | • | |
| DE923 | CARBON CARTRIDGE PRE FILTER P/N 3038333 | 30 | 179 | • | |
| DE924 | PRE FILTER CARTRIDGE SEDIMENT 10 MICRON P/N 1266690 | 30 | 179 | • | |
| DE926 | CARBON IN LINE POSTFILTER P/N 255526-09 | 30 | 179 | • | |
| DE930 | SUMP P/N 1239705 | 30 | 179 | | |
| DE932 | SUMP O-RING P/N 1240326 | 30 | 179 | | |
| DE935 | HEAD ASSEMBLY PRF-RO P/N 4000445 | 30 | 179 | | |
| DE937 | SUPPORT SHOULDER PRF-RO P/N 3038021 | 30 | 179 | | |
| DE938 | DRAIN FITTING KIT W/COLLARS P/N 1240564 | 30 | 179 | | |
| DE941 | SAFETY PLATE FOR FITTING FIXING PRF-RO P/N 3038026 | 30 | 179 | | |
| DE942 | AIR-GAP FAUCET P/N 3020487 | 30 | 179 | | |
| DE945 | CONNECTION FITTINGS KIT PRF-RO P/N 4000330 | 30 | 179 | | |
| DE946 | CONNECTION TUBE KIT P/N 1255736 | 30 | 179 | | |
| DE954 | CONCENTRATE ELBOWED FITTING 3/8" BLACK P/N 1264462 | 30 | 179 | | |
| DE955 | FEED ELBOWED FITTING 1/2" WHITE P/N 12400117 | 30 | 179 | | |
| DE956 | PERMEATE ELBOWED FITTING 3/8" BLUE P/N 12400118 | 30 | 179 | | |
| DE961 | RETRO FIT KIT PRF-RO P/N 4000454 | 30 | 179 | | |

| Ref | P.N. | Description |
|-------|-----------|---|
| DE920 | 4000569 | MEMBRANE R.O. MERLIN P/N 4000569 |
| DE923 | 3038333 | CARBON CARTRIDGE PRE FILTER P/N 3038333 |
| DE924 | 1266690 | PRE FILTER CARTRIDGE SEDIMENT 10 MICRON P/N 1266690 |
| DE926 | 255526-09 | CARBON IN LINE POSTFILTER P/N 255526-09 |
| DE930 | 1239705 | SUMP P/N 1239705 |
| DE932 | 1240326 | SUMP O-RING P/N 1240326 |
| DE935 | 4000445 | HEAD ASSEMBLY PRF-RO P/N 4000445 |
| DE937 | 3038021 | SUPPORT SHOULDER PRF-RO P/N 3038021 |
| DE938 | 1240564 | DRAIN FITTING KIT W/COLLARS P/N 1240564 |
| DE941 | 3038026 | SAFETY PLATE FOR FITTING FIXING PRF-RO P/N 3038026 |
| DE942 | 3020487 | AIR-GAP FAUCET P/N 3020487 |
| DE945 | 4000330 | CONNECTION FITTINGS KIT PRF-RO P/N 4000330 |
| DE946 | 1255736 | CONNECTION TUBE KIT P/N 1255736 |
| DE954 | 1264462 | CONCENTRATE ELBOWED FITTING 3/8" BLACK P/N 1264462 |
| DE955 | 12400117 | FEED ELBOWED FITTING 1/2" WHITE P/N 12400117 |
| DE956 | 12400118 | PERMEATE ELBOWED FITTING 3/8" BLUE P/N 12400118 |
| DE961 | 4000454 | RETRO FIT KIT PRF-RO P/N 4000454 |



EUROTROL®

WATER TREATMENT COMPONENTS



Water softeners

MWG Manual Water Softeners



- Suitable for residential and commercial water softening applications, as coffee machines, dishwashers, microwave ovens;
- Tank in 304 Stainless Steel;
- They work with mains water pressure;
- They are supplied with and must be operated only with resin approved for drinking water contact use;
- For regeneration use only Sodium Chloride (NaCl) = coarse cooking salt.

Technical characteristics:

- Nominal Flow Rate at 4 bar = 1.000 l/h
- Operating Water Pressure Range: 1 ÷ 4 bar
- Feed Water Temperature Range: 4 ÷ 25°C
- Room Temperature Range: 4 ÷ 35°C
- Connections: 3/4" G (3/8" G reductions to order separately).

| Ref | Description | Fam. | Subfa m. | Disp. Stock | |
|-------|--------------------------------|------|----------|-------------|--|
| ADD06 | MWG MANUAL WATER SOFTENER 6 L | 405 | 805 | • | |
| ADD08 | MWG MANUAL WATER SOFTENER 8 L | 405 | 805 | • | |
| ADD12 | MWG MANUAL WATER SOFTENER 12 L | 405 | 805 | • | |
| ADD16 | MWG MANUAL WATER SOFTENER 16 L | 405 | 805 | • | |
| ADD20 | MWG MANUAL WATER SOFTENER 20 L | 405 | 805 | • | |

| Certificates | Manufacturer | Sectors |
|--------------|--------------|----------------------|
| DM174-2004 | MWG | Domestic, Commercial |



EUROTROL®
WATER TREATMENT COMPONENTS

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