

EUROTROL®

WATER TREATMENT COMPONENTS



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

INDEX



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 $K_v = 3,68$;
- 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.	Subfam.	Disp. Stock	
AB300	VAL.368/604 3/4" M REFILL.14 INJ E DLFC 0.9 GPM 12/230V 50HZ EURO PLUG	010	026	•	
AB301	VAL.368/604 3/4" M REFILL.14 INJ F DLFC 1.20 GPM 12/230V 50HZ EURO PLUG	010	026	•	
AB302	VAL.368/604 3/4" M REFILL.14 INJ G DLFC 1.60 GPM 12/230V 50HZ EURO PLUG	010	026	•	
AB303	VAL.368/604 3/4" M REFILL.14 INJ H DLFC 2.00 GPM 12/230V 50HZ EURO PLUG	010	026	•	
AB400	VAL.368/606 3/4" M REFILL.14 INJ E DLFC 0.9 GPM 12/230V 50HZ EURO PLUG	010	027	•	
AB401	VAL.368/606 3/4" M REFILL.14 INJ F DLFC 1.20 GPM 12/230V 50HZ EURO PLUG	010	027	•	
AB402	VAL.368/606 3/4" M REFILL.14 INJ G DLFC 1.60 GPM 12/230V 50HZ EURO PLUG	010	027	•	
AB403	VAL.368/606 3/4" M REFILL.14 INJ H DLFC 2.00 GPM 12/230V 50HZ EURO PLUG	010	027	•	
AB500	VAL.368/606 3/4" M REF.14 INJ E DLFC 0.9 GPM 12/230V 50HZ EUR P+ BYPASS	010	028	•	
AB501	VAL.368/606 3/4" M REF.14 INJ F DLFC 1.20 GPM 12/230V 50HZ EUR P+ BYPASS	010	028	•	
AB502	VAL.368/606 3/4" M REF.14 INJ G DLFC 1.60 GPM 12/230V 50HZ EUR P+ BYPASS	010	028	•	
AB503	VAL.368/606 3/4" M REF.14 INJ H DLFC 2.00 GPM 12/230V 50HZ EUR P+ BYPASS	010	028	•	

Characteristics:	
Pressure vessel connection	Threaded 2 1/2" 8 UN male
Brine line connection	Threaded 3/8" BSPT male
Distributor tube O. D. diameter	1,05" (= 27 mm)
Distributor tube length above pressure vessel	± 1/2" (= ± 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 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.	Subfam.	Disp. Stock	
AA310	VALV. 255/460tc 59' A-A 07 12/220V 50HZ SYM	010	005	•	
AA311	VALV. 255/460tc 59' A-A 08 12/220V 50HZ SYM	010	005	•	
AA313	VALV. 255/460tc 118' A-A 08 12/220V 50HZ SYM	010	005	•	
AA315	VALV. 255/460tc 118' B-B 10 12/220V 50HZ SYM	010	005	•	

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	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.	Subfam.	Disp. Stock	
AA203E	VALV. 255/740C BW 07 INJ F SYMBOL 12/230V 50HZ EURO PLUG	010	006	•	
AA212E	VALV. 255/740C BW 10 INJ J SYMBOL 12/230V 50HZ EURO PLUG	010	006	•	
AA212EE	VALV. 255/740C BW 10 INJ J SYMBOL 12/230V 50HZ ENG. PLUG	010	006	•	
AA101E	VALV. 255/742C .33 F 07 SYMBOL 12/230V 50HZ EURO PLUG	010	007	•	
AA104E	VALV. 255/742C .33 J 10 SYMBOL 12/230V 50HZ EURO PLUG	010	007	•	
AC203E	VALV. 255/760C BW 07 INJ F SYMBOL 12/230V 50HZ EURO PLUG	010	016	•	
AC206E	VALV. 255/760C BW 08 INJ G SYMBOL 12/230V 50HZ EURO PLUG	010	016	•	
AC209E	VALV. 255/760C BW 09 INJ H SYMBOL 12/230V 50HZ EURO PLUG	010	016	•	
AC212E	VALV. 255/760C BW 10 INJ J SYMBOL 12/230V 50HZ EURO PLUG	010	016	•	
AC212EE	VALV. 255/760C BW 10 INJ J SYMBOL 12/230V 50HZ ENG. PLUG	010	016	•	
AC215E	VALV. 255/760C BW 12 INJ K SYMBOL 12/230V 50HZ EURO PLUG	010	016	•	
AC218E	VALV. 255/760C BW 13 INJ L SYMBOL 12/230V 50HZ EURO PLUG	010	016	•	
AC221E	VALV. 255/760C BW 14 INJ L SYMBOL 12/230V 50HZ EURO PLUG	010	016	•	
AC101E	VALV. 255/762C .33 F 07 SYMBOL 12/230V 50HZ EURO PLUG	010	017	•	
AC102E	VALV. 255/762C .33 G 08 SYMBOL 12/230V 50HZ EURO PLUG	010	017	•	
AC104E	VALV. 255/762C .33 J 10 SYMBOL 12/230V 50HZ EURO PLUG	010	017	•	
AC105E	VALV. 255/762C .33 K 12 SYMBOL 12/230V 50HZ EURO PLUG	010	017	•	
AC106E	VALV. 255/762C .33 L 13 SYMBOL 12/230V 50HZ EURO PLUG	010	017	•	

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 $K_v = 3,4$;
- 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.	Subfam.	Disp. Stock	
AF054E	VALV. 255/764 TWIN BW 10 INJ J SYMBOL 12/230V 50HZ EURO PLUG	010	030	•	
AF056E	VALV. 255/764 TWIN BW 13 INJ L SYMBOL 12/230V 50HZ EURO PLUG	010	030	•	

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.	Subfam.	Disp. Stock
AL060	VALV. 263/460tc 118' BW 12 - 12V.50 HZ SYM	010	045	•

Characteristics :	
Pressure vessel connection	Threaded 2 ½" 8 UN male
Drain line connection	Threaded ¾" NPT, male
Brine line connection	Threaded ¾" 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;
- for 268FA/742 and 268FA/762 models.

Ref	Description	Fam.	Subfam.	Disp. Stock	
AM218E	VALV. 268/740C BW 13 INJ L SYMBOL 12/230V 50HZ EURO PLUG	010	047	•	
AM061E	VALV. 268/742C .33 J 10 SYMBOL 12/230V 50HZ EURO PLUG	010	046	•	
AM062E	VALV. 268/742C .33 K 12 SYMBOL 12/230V 50HZ EURO PLUG	010	046	•	
AP221E	VALV. 268/760C BW 14 INJ L SYMBOL 12/230V 50HZ EURO PLUG	010	049	•	
AP042E	VALV. 268/762C .33 K 12 SYMBOL 12/230V 50HZ EURO PLUG	010	051	•	
AP044E	VALV. 268/762C .33 L 14 SYMBOL 12/230V 50HZ EURO PLUG	010	051	•	

Characteristics :	
Pressure vessel connection	Threaded 2 ½" 8 UN male
Drain line connection	Threaded ¾" NPT, male
Brine line connection	Threaded ¾" 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.	Subfam.	Disp. Stock	
AL209E	VALV. 263/740F BW 13 INJ H SYMBOL 12/230V 50HZ EURO PLUG	010	043	•	
AL215E-00	VALV.263/740F NO BW INJ K SYMBOL 12/230V 50HZ EURO PLUG	010	043	•	
AL073E	VALV. 263/742F BW 14 INJ L SYMBOL 12/230V 50HZ EURO PLUG	010	041	•	
AL075E-00	VALV.263/742F NO BW INJ L SYMBOL 12/230V 50HZ EURO PLUG	010	041	•	

Characteristics:	
Pressure vessel connection	Threaded 2 ½" 8 UN male
Drain line connection	Threaded ¾" NPT, male
Brine line connection	Threaded ¾" 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

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.	Subfam.	Disp. Stock	
AQ066E	VALV. 268FA/742 BW 10 GPM (13") INJ L SYMBOL 12/230V 50HZ EURO PLUG	010	048	•	

Characteristics :	
Pressure vessel connection	Threaded 2 ½" 8 UN male
Drain line connection	Threaded ¾" NPT, male
Brine line connection	Threaded ¾" 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 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.	Subfam.	Disp. Stock	
AR104E	VALV. 278/742C 1.3 M 14 SYMBOL 12/230V 50HZ EURO PLUG	010	060	•	
AR105E	VALV. 278/742C 1.3 N 16 (7 GPM) SYMBOL 12/230V 50HZ EURO PLUG	010	060	•	
AR106E	VALV. 278/742C 1.3 Q 18 (9 GPM) SYMBOL 12/230V 50HZ EURO PLUG	010	060	•	
AR114E	VALV. 278/762C 1.3 M 14 SYMBOL 12/230V 50HZ EURO PLUG	010	060	•	
AR115E	VALV. 278/762C 1.3 N 16 (7 GPM) SYMBOL 12/230V 50HZ EURO PLUG	010	060	•	
AR116E	VALV. 278/762C 1.3 Q 18 (9 GPM) SYMBOL 12/230V 50HZ EURO PLUG	010	060	•	
AR117E	VALV. 278/762C 1.3 R 21 (12 GPM) SYMBOL 12/230V 50HZ EURO PLUG	010	060	•	

Characteristics :	
Pressure vessel connection	Threaded 2 ½" 8 UN male
Drain line connection	Threaded ¾" NPT, male
Brine line connection	Threaded ¾" 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, 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 $K_v = 5,6$;
- 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.	Subfam.	Disp. Stock	
AN083E	VALV. 278/764 TWIN 1.3 M 14 SYMBOL 12/230V 50HZ EURO PLUG	010	053	•	
AN084E	VALV. 278/764 TWIN 1.3 N 16 (7 GPM) SYMBOL 12/230V 50HZ EURO PLUG	010	053	•	
AN085E	VALV. 278/764 TWIN 1.3 Q 18 (9 GPM) SYMBOL 12/230V 50HZ EURO PLUG	010	053	•	
AN086E	VALV. 278/764 TWIN 1.3 R 21 (12 GPM) SYMBOL 12/230V 50HZ EURO PLUG	010	053	•	

Characteristics :	
Pressure vessel connection	Threaded 2 ½" 8 UN male
Drain line connection	Threaded ¾" NPT, male
Brine line connection	Threaded ⅝" 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
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 $K_v = 5,6$;
- backwash flow rate for each tank = $75,7 \text{ lpm} @ \Delta p 1,72 \text{ bar}$;
- resin volume range for each tank = $45 \div 225 \text{ litres}$;
- 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.	Subfam.	Disp. Stock
AN103E	VALV. 278/764L 1.3 M 14 SYMBOL 12/230V 50HZ EURO PLUG	010	053	•

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
	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;
- 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	Description	Fam.	Subfam.	Disp. Stock	
CA201E	MAGNUM 1.5" 298/742 16" (6 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG	020	080	•	
CA205E	MAGNUM 1.5" 298/742 30" (20 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG	020	080	•	
CA215E	MAGNUM 1.5" 298/742 30" (20 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	020	080	•	
CA216E	MAGNUM 1.5" 298/742 36" (30 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	020	080	•	
CA221E	MAGNUM 1.5" 298/762 16" (6 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG	020	080	•	
CA222E	MAGNUM 1.5" 298/762 18" (8 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG	020	080	•	
CA236E	MAGNUM 1.5" 298/762 36" (30 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	020	080	•	

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 $K_v = 17$;
- 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	Description	Fam.	Subfam.	Disp. Stock	
CA240E	MAGNUM 1.5" 293/742F (5 GPM) UWB SYMBOL 12/230V 50HZ EURO PLUG	020	080	•	
CA241E	MAGNUM 1.5" 293/742F (5 GPM) NUB SYMBOL 12/230V 50HZ EURO PLUG	020	080	•	

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 3/4" NPT male
Distributor tube O. D. diameter	1,5" (= 48,3 mm)
Pilot drain and auxiliary hydraulic out	1/4" 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

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 = 17;
- 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.	Subfam.	Disp. Stock	
CB202E	MAGNUM IT 2" 298/742 18" (8 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG	020	081	•	
CB221E	MAGNUM IT 2" 298/762 16" (6 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG	020	081	•	
CB222E	MAGNUM IT 2" 298/762 18" (8 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG	020	081	•	
CB223E	MAGNUM IT 2" 298/762 21" (10 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG	020	081	•	
CB224E	MAGNUM IT 2" 298/762 24" (14 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG	020	081	•	
CB226E	MAGNUM IT 2" 298/762 36" (30 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG	020	081	•	
CB234E	MAGNUM IT 2" 298/762 24" (14 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	020	081	•	
CB236E	MAGNUM IT 2" 298/762 36" (30 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	020	081	•	

Characteristics:	
Pressure vessel connection	Threaded 4" - 8 UN male
Drain line connection	1,5" brass - NPT/BSPT male D50 to glue
Brine line connection	Threaded ¾" NPT male
Diametro esterno della tubazione interna alla bombola	1,5" (= 48,3 mm)
Segnale ausiliario e di scarico del comando idraulico	Jaco ¾" tubo
Length del tubo diffusore al di sopra della parte superiore della bombola	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

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 = 17;
- 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.	Subfam.	Disp. Stock	
CB240E	MAGNUM IT 2" 293/742F (5 GPM) UWB SYMBOL 12/230V 50HZ EURO PLUG	020	081	•	
CB241E	MAGNUM IT 2" 293/742F (5 GPM) NUB SYMBOL 12/230V 50HZ EURO PLUG	020	081	•	
CB245E	MAGNUM IT 2" 293/762F (5 GPM)NUB SYMBOL 12/230V 50HZ EURO PLUG	020	081	•	

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 3/4" NPT male
Distributor tube O. D. diameter	1,5" (= 48,3 mm)
Pilot drain and auxiliary hydraulic out	1/4" 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

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



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 $K_v = 17$;
- 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.	Subfam.	Disp. Stock	
CB250E	MAGNUM 298 2" MIT-TWS-764-14" (5 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	020	081	•	
CB251E	MAGNUM 298 2" MIT-TWS-764-16" (6 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	020	081	•	
CB252E	MAGNUM 298 2" MIT-TWS-764-18" (8 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	020	081	•	
CB253E	MAGNUM 298 2" MIT-TWS-764-21" (10 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	020	081	•	
CB254E	MAGNUM 298 2" MIT-TWS-764-24" (14 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	020	081	•	
CB255E	MAGNUM 298 2" MIT-TWS-764-30" (20 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	020	081	•	
CB256E	MAGNUM 298 2" MIT-TWS-764-36" (30 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	020	081	•	

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 3/4" NPT male
Distributor tube O. D. diameter	1,5" (= 48,3 mm)
Pilot drain and auxiliary hydraulic out	1/4" 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



- For automatic and industrial water softening systems;
- with electronic volumetric 764 controller;
- for parallel 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 for each tank Kv = 17;
- 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 for each valve;
- 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;
- interconnection not included.

Ref	Description	Fam.	Subfam.	Disp. Stock	
CB266E	MAGNUM 298 2" MIT-SN-764-36" (30 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	020	081	•	

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



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	760	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

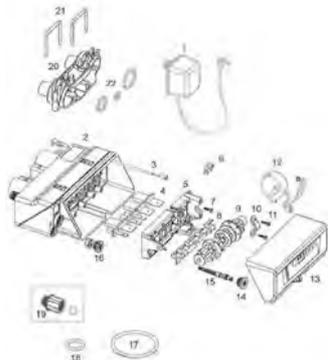
Controllers for filtration characteristics

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





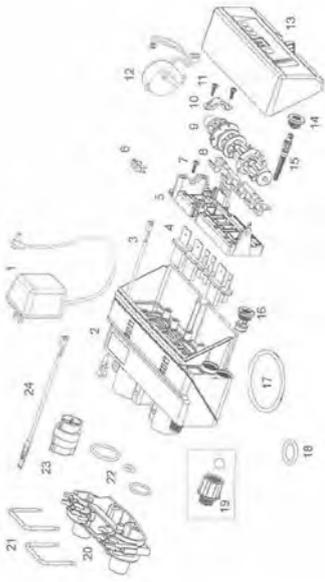
368/604 VALVE PARTS LIST



Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
1	AW500	1000814	EUROPEAN TRANSFORMER 230/12V	010	064	•	
1	AW501	1000813	BRITISH TRANSFORMER	010	064	•	
3	AW260	3022576	OPTIC SENSOR POWER CABLE	010	064	•	
4	AW250	3007947	VALVE DISCS KIT FOR 366 367 368	010	064	•	
6	AW129	1235373	OPTIC SENSOR P/N 1235373	010	064	•	
7	AW174	3030450	TOP PLATE SCREW NO 8x9/16"	010	064	•	
8	AW252	3022017	SPRING ONE PIECE 366 367 368	010	064	•	
9	AW253	3022014	CAMSHAFT FOR 366 367 368	010	064	•	
10	CD100	1000589	PILLOW BLOCK CAP	020	083	•	
11	AW174	3030450	TOP PLATE SCREW NO 8x9/16"	010	064	•	
12	AW254	3026537	MOTOR CABLE ASSEMBLY 366 367 368	010	064	•	
13	AW280	4001737	TIMER 604 12V 50-60HZ	010	064	•	
14	AW107	1000269	INJECTOR CAP/BACKWASH OPEN 00	010	064	•	
15	AW266	3025326	SCREEN ASSEMBLY INJECTOR E YELLOW WITH O-RING + FILTER 366 367 368	010	064	•	
15	AW267	3025327	SCREEN ASSEMBLY INJECTOR F PEACH WITH O-RING + FILTER 366 367 368	010	064	•	
15	AW268	3025328	SCREEN ASSEMBLY INJECTOR G TAN WITH O-RING + FILTER 366 367 368	010	064	•	
15	AW269	3025329	SCREEN ASSEMBLY INJECTOR H LIGHT PURPLE WITH O-RING + FILTER 366 367 368	010	064	•	
16	AW115	1000221	BRINE REFILL CONTROL ASSEMBLY .14GPM	010	064	•	
17	AW172	3029969	O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2"	010	064	•	
18	AW169	3030918	O-RING 1.05"	010	064	•	
19	AV146	3031526	EXTERNAL BACKWASH CONTROL PEANUT 0.9 GPM # 06	010	062	•	
19	AV147	3031527	EXTERNAL BACKWASH CONTROL PEANUT 1.20 GPM # 07	010	062	•	
19	AV148	3031528	EXTERNAL BACKWASH CONTROL PEANUT 1.60 GPM # 08	010	062	•	
19	AV149	3031529	EXTERNAL BACKWASH CONTROL PEANUT 2.00 GPM # 09	010	062	•	
20	AW255	3027832	MANIFOLD 3/4" BSPT INLET/OUTLET	010	064	•	
22	AW257	3031825	O-RING KIT MANIFOLD 367	010	064	•	
Non Vis.	AV185	3022042	MIXING VALVE FOR 366-368 VALVE	010	062	•	



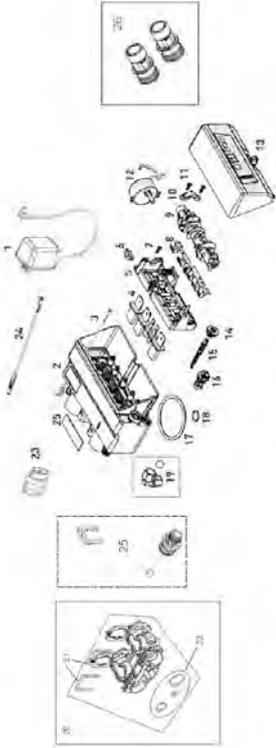
368/606 VALVE PARTS LIST



Numero	Ref	P.N.	Description	Fam.	Subfam.	Dsisp. Stock	
1	AW500	1000814	EUROPEAN TRANSFORMER 230/12V	010	064	•	
1	AW501	1000813	BRITISH TRANSFORMER	010	064	•	
3	AW260	3022576	OPTIC SENSOR POWER CABLE	010	064	•	
4	AW250	3007947	VALVE DISCS KIT FOR 366 367 368	010	064	•	
6	AW129	1235373	OPTIC SENSOR P/N 1235373	010	064	•	
7	AW174	3030450	TOP PLATE SCREW NO 8x9/16"	010	064	•	
8	AW252	3022017	SPRING ONE PIECE 366 367 368	010	064	•	
9	AW253	3022014	CAMSHAFT FOR 366 367 368	010	064	•	
10	CD100	1000589	PILLOW BLOCK CAP	020	083	•	
11	AW174	3030450	TOP PLATE SCREW NO 8x9/16"	010	064	•	
12	AW254	3026537	MOTOR CABLE ASSEMBLY 366 367 368	010	064	•	
13	AW281	3031824	TIMER 606 12V 50-60HZ	010	064	•	
14	AW107	1000269	INJECTOR CAP/BACKWASH OPEN 00	010	064	•	
15	AW266	3025326	SCREEN ASSEMBLY INJECTOR E YELLOW WITH O-RING + FILTER 366 367 368	010	064	•	
15	AW267	3025327	SCREEN ASSEMBLY INJECTOR F PEACH WITH O-RING + FILTER 366 367 368	010	064	•	
15	AW268	3025328	SCREEN ASSEMBLY INJECTOR G TAN WITH O-RING + FILTER 366 367 368	010	064	•	
15	AW269	3025329	SCREEN ASSEMBLY INJECTOR H LIGHT PURPLE WITH O-RING + FILTER 366 367 368	010	064	•	
16	AW115	1000221	BRINE REFILL CONTROL ASSEMBLY .14GPM	010	064	•	
17	AW172	3029969	O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2"	010	064	•	
18	AW169	3030918	O-RING 1.05"	010	064	•	
19	AV146	3031526	EXTERNAL BACKWASH CONTROL PEANUT 0.9 GPM # 06	010	062	•	
19	AV147	3031527	EXTERNAL BACKWASH CONTROL PEANUT 1.20 GPM # 07	010	062	•	
19	AV148	3031528	EXTERNAL BACKWASH CONTROL PEANUT 1.60 GPM # 08	010	062	•	
19	AV149	3031529	EXTERNAL BACKWASH CONTROL PEANUT 2.00 GPM # 09	010	062	•	
20	AW255	3027832	MANIFOLD 3/4" BSPT INLET/OUTLET	010	064	•	
21	AW256	3027831	CLIP ATTACCO VALV. 367	010	064	•	
22	AW257	3031825	O-RING KIT MANIFOLD 367	010	064	•	
23	AW258	3027839	METER ASSEMBLY 367	010	064	•	
24	AW259	3027837	TURBINE CABLE 367	010	064	•	
Non Vis.	AV185	3022042	MIXING VALVE FOR 366-368 VALVE	010	062	•	



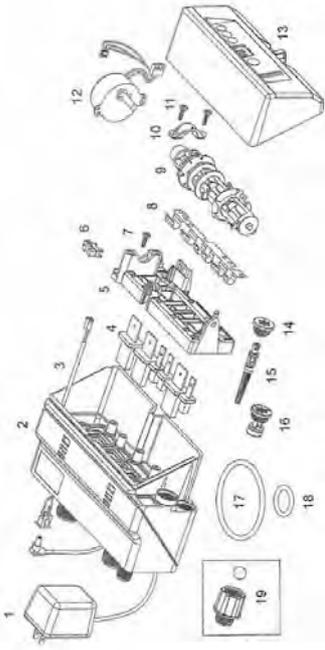
368/606B VALVE EXPLODED VIEW



Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
1	AW500	1000814	EUROPEAN TRANSFORMER 230/12V	010	064	•	
1	AW501	1000813	BRITISH TRANSFORMER	010	064	•	
3	AW260	3022576	OPTIC SENSOR POWER CABLE	010	064	•	
4	AW250	3007947	VALVE DISCS KIT FOR 366 367 368	010	064	•	
6	AW129	1235373	OPTIC SENSOR P/N 1235373	010	064	•	
7	AW174	3030450	TOP PLATE SCREW NO 8x9/16"	010	064	•	
8	AW252	3022017	SPRING ONE PIECE 366 367 368	010	064	•	
9	AW253	3022014	CAMSHAFT FOR 366 367 368	010	064	•	
10	CD100	1000589	PILLOW BLOCK CAP	020	083	•	
11	AW174	3030450	TOP PLATE SCREW NO 8x9/16"	010	064	•	
12	AW254	3026537	MOTOR CABLE ASSEMBLY 366 367 368	010	064	•	
13	AW281	4001738	TIMER 606 12V 50-60HZ	010	064	•	
14	AW107	1000269	INJECTOR CAP/BACKWASH OPEN 00	010	064	•	
15	AW266	3025326	SCREEN ASSEMBLY INJECTOR E YELLOW WITH O-RING + FILTER 366 367 368	010	064	•	
15	AW267	3025327	SCREEN ASSEMBLY INJECTOR F PEACH WITH O-RING + FILTER 366 367 368	010	064	•	
15	AW268	3025328	SCREEN ASSEMBLY INJECTOR G TAN WITH O-RING + FILTER 366 367 368	010	064	•	
15	AW269	3025329	SCREEN ASSEMBLY INJECTOR H LIGHT PURPLE WITH O-RING + FILTER 366 367 368	010	064	•	
16	AW115	1000221	BRINE REFILL CONTROL ASSEMBLY .14GPM	010	064	•	
17	AW172	3029969	O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2"	010	064	•	
18	AW169	3030918	O-RING 1.05"	010	064	•	
19	AV174		ELBOW DRAIN FITTING 1/2" F	010	062	•	
20	AW290	4000886	BYPASS VALVE 368/606	010	064	•	
22	AW257	3031825	O-RING KIT MANIFOLD 367	010	064	•	
23	AW258	3027839	METER ASSEMBLY 367	010	064	•	
24	AW259	3027837	TURBINE CABLE 367	010	064	•	
25	AV146B	4001297	EXTERNAL BACKWASH CONTROL 368 BYPASS 0.90 GPM # 06	010	062	•	
25	AV147B	4001298	EXTERNAL BACKWASH CONTROL 368 BYPASS 1.20 GPM # 07	010	062	•	
25	AV148B	4001299	EXTERNAL BACKWASH CONTROL 368 BYPASS 1.60 GPM # 08	010	062	•	
25	AV149B	4001300	EXTERNAL BACKWASH CONTROL 368 BYPASS 2.0 GPM # 09	010	062	•	
26	AW275	4001606	KIT 3/4" BSP CONNECTORS	010	064	•	
Non Vis.	AV185	3022042	MIXING VALVE FOR 366-368 VALVE	010	062	•	



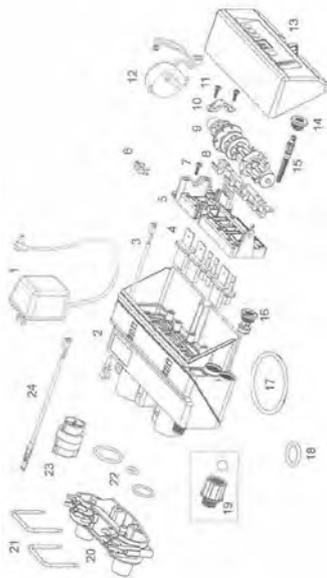
366/604 Autotrol Valve



Numero	Ref	P.N.	Description	Fam.	Sotto Fam.	Disp. Stock	
1	AW500	1000814	EUROPEAN TRANSFORMER 230/12V	010	064	•	
1	AW501	1000813	BRITISH TRANSFORMER	010	064	•	
3	AW260	3022576	OPTIC SENSOR POWER CABLE	010	064	•	
4	AW250	3007947	VALVE DISCS KIT FOR 366 367 368	010	064	•	
6	AW129	1235373	OPTIC SENSOR P/N 1235373	010	064	•	
7	AW174	3030450	TOP PLATE SCREW NO 8x9/16"	010	064	•	
8	AW252	3022017	SPRING ONE PIECE 366 367 368	010	064	•	
9	AW253	3022014	CAMSHAFT FOR 366 367 368	010	064	•	
10	CD100	1000589	PILLOW BLOCK CAP	020	083	•	
11	AW174	3030450	TOP PLATE SCREW NO 8x9/16"	010	064	•	
12	AW254	3026537	MOTOR CABLE ASSEMBLY 366 367 368	010	064	•	
13	AW280	4001737	TIMER 604 12V 50-60HZ	010	064	•	
14	AW107	1000269	INJECTOR CAP/BACKWASH OPEN 00	010	064	•	
15	AW266	3025326	SCREEN ASSEMBLY INJECTOR E YELLOW WITH O-RING + FILTER 366 367 368	010	064	•	
15	AW267	3025327	SCREEN ASSEMBLY INJECTOR F PEACH WITH O-RING + FILTER 366 367 368	010	064	•	
15	AW268	3025328	SCREEN ASSEMBLY INJECTOR G TAN WITH O-RING + FILTER 366 367 368	010	064	•	
15	AW269	3025329	SCREEN ASSEMBLY INJECTOR H LIGHT PURPLE WITH O-RING + FILTER 366 367 368	010	064	•	
16	AW115	1000221	BRINE REFILL CONTROL ASSEMBLY .14GPM	010	064	•	
17	AW172	3029969	O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2"	010	064	•	
18	AW169	3030918	O-RING 1.05"	010	064	•	
19	AV146	3031526	EXTERNAL BACKWASH CONTROL PEANUT 0.9 GPM # 06	010	062	•	
19	AV147	3031527	EXTERNAL BACKWASH CONTROL PEANUT 1.20 GPM # 07	010	062	•	
19	AV148	3031528	EXTERNAL BACKWASH CONTROL PEANUT 1.60 GPM # 08	010	062	•	
19	AV149	3031529	EXTERNAL BACKWASH CONTROL PEANUT 2.00 GPM # 09	010	062	•	
N.Visual.	AV185	3022042	MIXING VALVE FOR 366-368 VALVE	010	062	•	



367/606 VALVE PARTS LIST



Numero	Ref	P.N.	Description	Fam.	Sotto Fam.	Disp. Stock	
1	AW500	1000814	EUROPEAN TRANSFORMER 230/12V	010	064	•	
1	AW501	1000813	BRITISH TRANSFORMER	010	064	•	
3	AW260	3022576	OPTIC SENSOR POWER CABLE	010	064	•	
4	AW250	3007947	VALVE DISCS KIT FOR 366 367 368	010	064	•	
6	AW129	1235373	OPTIC SENSOR P/N 1235373	010	064	•	
7	AW174	3030450	TOP PLATE SCREW NO 8x9/16"	010	064	•	
8	AW252	3022017	SPRING ONE PIECE 366 367 368	010	064	•	
9	AW253	3022014	CAMSHAFT FOR 366 367 368	010	064	•	
10	CD100	1000589	PILLOW BLOCK CAP	020	083	•	
11	AW174	3030450	TOP PLATE SCREW NO 8x9/16"	010	064	•	
12	AW254	3026537	MOTOR CABLE ASSEMBLY 366 367 368	010	064	•	
13	AW281	4001737	TIMER 606 12V 50-60HZ	010	064	•	
14	AW107	1000269	INJECTOR CAP/BACKWASH OPEN 00	010	064	•	
15	AW266	3025326	SCREEN ASSEMBLY INJECTOR E YELLOW WITH O-RING + FILTER 366 367 368	010	064	•	
15	AW267	3025327	SCREEN ASSEMBLY INJECTOR F PEACH WITH O-RING + FILTER 366 367 368	010	064	•	
15	AW268	3025328	SCREEN ASSEMBLY INJECTOR G TAN WITH O-RING + FILTER 366 367 368	010	064	•	
15	AW269	3025329	SCREEN ASSEMBLY INJECTOR H LIGHT PURPLE WITH O-RING + FILTER 366 367 368	010	064	•	
16	AW115	1000221	BRINE REFILL CONTROL ASSEMBLY .14GPM	010	064	•	
17	AW172	3029969	O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2"	010	064	•	
18	AW169	3030918	O-RING 1.05"	010	064	•	
19	AV146	3031526	EXTERNAL BACKWASH CONTROL PEANUT 0.9 GPM # 06	010	062	•	
19	AV147	3031527	EXTERNAL BACKWASH CONTROL PEANUT 1.20 GPM # 07	010	062	•	
19	AV148	3031528	EXTERNAL BACKWASH CONTROL PEANUT 1.60 GPM # 08	010	062	•	
19	AV149	3031529	EXTERNAL BACKWASH CONTROL PEANUT 2.00 GPM # 09	010	062	•	
20	AW255	3027832	MANIFOLD 3/4" BSPT INLET/OUTLET	010	064	•	
21	AW256	3027831	CLIP ATTACCO VALV. 367	010	064	•	
22	AW257	3031825	O-RING KIT MANIFOLD 367	010	064	•	
23	AW258	3027839	METER ASSEMBLY 367	010	064	•	
24	AW259	3027837	TURBINE CABLE 367	010	064	•	
N.Visual.	AV185	3022042	MIXING VALVE FOR 366-368 VALVE	010	062	•	



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	010	064	•	
1+17+19+23+24	AW164A	1000232	255/400 VALVE ASSEMBLY NEW STYLE PLATE W/O FLOW CONTROLS	010	064	•	
2	AW150	1031950	STANDARD CAMSHAFT ONE PIECE	010	064		
2	AW152	1033025	CANSHAFT XS-LR EXTRA SALT	010	064		
2	AW153	1033026	CAMSHAFT LONG RINSE	010	064		
2	AW154	1032969	CAMSHAFT WATER SAVER	010	064		
3	AW146A	1030501	CAMSHAFT BEARING FOR COVER Lid NEW STYLE	010	064		
4	AW185	1031391	TIMER LOCKING PIN	010	064	•	
5	AW125	1000226	SCREEN/CAP ASSEMBLY W/O-RING	010	064	•	
6	AW100	1000209	BACKWASH CONTROL 07 WITH O-RING	010	064	•	
6	AW101	1000210	BACKWASH CONTROL 08 WITH O-RING	010	064	•	
6	AW102	1000211	BACKWASH CONTROL 09 WITH O-RING	010	064	•	
6	AW103	1000212	BACKWASH CONTROL 10 WITH O-RING	010	064	•	
6	AW104	1000213	BACKWASH CONTROL 12 WITH O-RING	010	064	•	
6	AW105	1000214	BACKWASH CONTROL 13 WITH O-RING	010	064	•	
6	AW106	1000215	BACKWASH CONTROL 14 WITH O-RING	010	064	•	
7	AW139	1030502	FLOW CONTROL BALL	010	064	•	
8	AW110	1034261	BRINE REFILL CONTROL 10 Lbs	010	064	•	
8	AW111	1034263	BRINE REFILL CONTROL 19 Lbs	010	064	•	
9	AW130	1032970	INJECTOR A WHITE WITH O-RING	010	064	•	
9	AW131	1032971	INJECTOR B BLUE WITH O-RING	010	064	•	
9	AW132	1032972	INJECTOR C RED WITH O-RING	010	064	•	
10	AW107	1000269	INJECTOR CAP/BACKWASH OPEN 00	010	064	•	

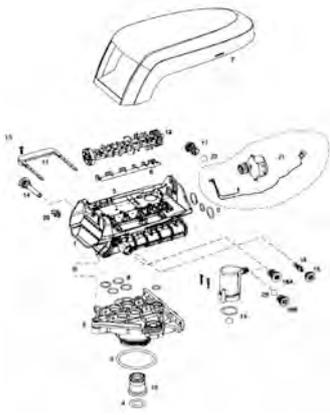


255-440i/460i/460TC VALVE EXPLODED VIEW & PARTS LIST

Numero	Ref	P.N.	Description	Fam.	Sotto Fam.	Disp. Stock	
11	AW170	1033784	ADAPTER PRESSURE VESSEL 2.1/2" FOR TUBE 1.05"	010	064	•	
12	AW190	1032417	KIT AIR-CHECK 1/4" MALE	010	064	•	
13	AW186	3029969	NUT 3/4" - 1"	010	064	•	
14	AW169	3030918	O-RING 1.05"	010	064	•	
15	AW173	1031405	LOCKING BAR	010	064	•	
16	AW174	3030450	TOP PLATE SCREW NO 8x9/16"	010	064	•	
17	AW163	1235341	SPRING ONE PIECE 255 VALVE P/N 1235341	010	064	•	
N.Visual.	AW181	1001580	VALVE DISC SPRING	010	064	•	
18	AW141A	3019870	COVER FOR 255-263-268 SERIE 400 (I-Lid) NEW STYLE	010	064		
19	AW146A	3019873	CAMSHAFT BEARING FOR COVER Lid NEW STYLE	010	064		
N.Visual.	AW191	1033066	NEW TO OLD AIR CHECK ADAPTER	010	064	•	
20	AW195	1001404	O-RING SET FOR 255 VALVE TOP/BOTTOM COUPLING	010	064	•	
21	AW196	1040459	O-RING SET*	010	064	•	
N.Visual.	AW197		O-RING SET W/SCREWS AND NUTS*	010	064	•	
22	AW171	1001986	13/16 RUBBER INSERT	010	064	•	
23	AW160A	3019871	NEW STYLE SERIES 400 TOP PLATE FOR VALVE 255	010	064	•	
24	AW180	1000250	VALVE DISCS KIT FOR 255	010	064	•	
25	AW140	1030528	AIR-CHECK BALL	010	064	•	
N.Visual.	AV037	1239760	BLENDING KIT SCREW FOR 700 SERIES AND 255/400 NEW STYLE	010	062	•	
N.Visual.	AV059	1239753	TOP PLATE SWITCH KIT 253-5/263-8 0,1A	010	062	•	
N.Visual.	AV069	1239754	TOP PLATE SWITCH KIT 253-5/263-8 5A	010	062	•	
17+18+19+23	AW211	3034598	UPGRADE KIT 255 SERIE 400 NEW STYLE	010	064		



VALVE LOGIX 255 PARTS LIST



Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
1+5+6	AW168	1244650	255/700 VALVE ASSEMBLY W/O FLOW CONTROLS	010	064	•	
2	AW170	1033784	ADAPTER PRESSURE VESSEL 2.1/2" FOR TUBE 1.05"	010	064	•	
3	AW172	3029969	O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2"	010	064	•	
4	AW169	3030918	O-RING 1.05"	010	064	•	
5	AW162	1235340	TOP PLATE 253/255 LOGIX P/N 1235341	010	064	•	
6	AW163	1235341	SPRING ONE PIECE 255 VALVE P/N 1235341	010	064	•	
7	AW148	1236246	253-5/263-8 LOGIX STANDARD COVER P/N 1236246	010	064		
N.Visual.	AW145	1242234	255 LOGIX SLIM COVER	010	064	•	
8	AW195	1001404	O-RING SET FOR 255 VALVE TOP/BOTTOM COUPLING	010	064	•	
9	AW196	1040459	O-RING SET*	010	064	•	
10	AW171	1001986	13/16 RUBBER INSERT	010	064	•	
N.Visual.	AW180	1000250	VALVE DISCS KIT FOR 255	010	064	•	
N.Visual.	AV037	1239760	BLENDING KIT SCREW FOR 700 SERIES AND 255/400 NEW STYLE	010	062	•	
11	AW173	1031405	LOCKING BAR	010	064	•	
12	AW149	1235353	CAMSHAFT 253/255 LOGIX P/N 1235353	010	064	•	
13	AW174	3030450	TOP PLATE SCREW NO 8x9/16"	010	064	•	
14	AW125	1000226	SCREEN/CAP ASSEMBLY W/O-RING	010	064	•	
15	AW133	1035730	INJECTOR E YELLOW WITH O-RING	010	064	•	
15	AW134	1035731	INJECTOR F PEACH WITH O-RING	010	064	•	
15	AW135	1035732	INJECTOR G TAN WITH O-RING	010	064	•	
15	AW136	1035733	INJECTOR H LIGHT PURPLE WITH O-RING	010	064	•	
15	AW137	1035734	INJECTOR J LIGHT BLUE WITH O-RING	010	064	•	
15	AW138	1035735	INJECTOR K PINK WITH O-RING	010	064	•	
15	AW348	1035736	INJECTOR L ORANGE WITH O-RING P/N 1035736	010	064	•	
15	AW349	1035737	INJECTOR M BROWN WITH O-RING P/N 1035737	010	064	•	
15	AW350	1035738	INJECTOR N GREEN WITH O-RING P/N 1035738	010	064	•	
15	AW351	1035739	INJECTOR Q PURPLE WITH O-RING P/N 1035739	010	064	•	
15	AW352	1035884	INJECTOR R GREY WITH O-RING P/N 1035884	010	064	•	

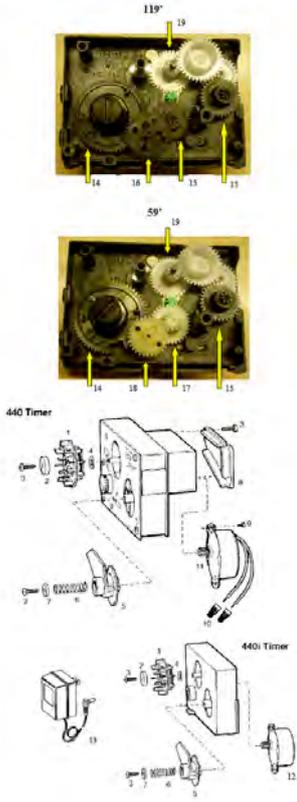


VALVE LOGIX 255 EXPLODED VIEW AND PARTS LIST

Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
16	AW107	1000269	INJECTOR CAP/BACKWASH OPEN 00	010	064	•	
17	AW100	1000209	BACKWASH CONTROL 07 WITH O-RING	010	064	•	
17	AW101	1000210	BACKWASH CONTROL 08 WITH O-RING	010	064	•	
17	AW102	1000211	BACKWASH CONTROL 09 WITH O-RING	010	064	•	
17	AW103	1000212	BACKWASH CONTROL 10 WITH O-RING	010	064	•	
17	AW104	1000213	BACKWASH CONTROL 12 WITH O-RING	010	064	•	
17	AW105	1000214	BACKWASH CONTROL 13 WITH O-RING	010	064	•	
17	AW106	1000215	BACKWASH CONTROL 14 WITH O-RING	010	064	•	
18B	AW118	1243511	BRINE REFILL CONTROL .33 GPM	010	064	•	
19	AW190	1032417	KIT AIR-CHECK 1/4" MALE	010	064	•	
20	AW129	1235373	OPTIC SENSOR P/N 1235373	010	064	•	
21	AW126	1238861	MOTOR W/SPACER AND PINION AND CABLE SERIES 700 P/N 1238861	010	064	•	
22	AW139	1030502	FLOW CONTROL BALL	010	064	•	
N.Visual.	AW191	1033066	NEW TO OLD AIR CHECK ADAPTER	010	064	•	
N.Visual.	AW140	1030528	AIR-CHECK BALL	010	064	•	
N.Visual.	AW128	1035446	TURBINE CABLE 255-268-278/700	010	064	•	
N.Visual.	AX040	1244336	KIT CHLORINE GENERATOR 255/268 LOGIX	010	070	•	
N.Visual.	AW124	3029962	MOTOR LOCKING PIN P/N 3029962	010	064	•	
N.Visual.	AV057	1239711	FRONT MOUNT SWITCH KIT 253-5/263-8 0,1A	010	062	•	
N.Visual.	AV058	1239752	FRONT MOUNT SWITCH KIT 253-5/263-8 5A	010	062	•	
N.Visual.	AV059	1239753	TOP PLATE SWITCH KIT 253-5/263-8 0,1A	010	062	•	
N.Visual.	AV069	1239754	TOP PLATE SWITCH KIT 253-5/263-8 5A	010	062	•	
N.Visual.	AV036	1263718	KIT REMOTE LOGIX CONTROL W/CABLE LG.32 P/N 1263718	010	062		
N.Visual.	AV036A	1256257	KIT REMOTE LOGIX CONTROL W/TERMINAL BLOCKS P/N 1256257	010	062		
N.Visual.	AV023	1242411	EXTENSION CORD Lg=50cm FOR CAB. P/N 1242411	010	062		
N.Visual.	AV023A	1239979	4 PIN CONNECTOR CABLE START 700 SERIES	010	062	•	
N.Visual.	AW500	1000814	EUROPEAN TRANFORMER 230/12V	010	064	•	
N.Visual.	AW501	1000813	BRITISH TRANFORMER	010	064	•	



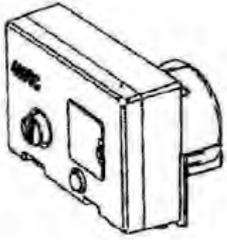
SERIES 400 TIMER EXPLODED VIEW (440i-460i-460TC)



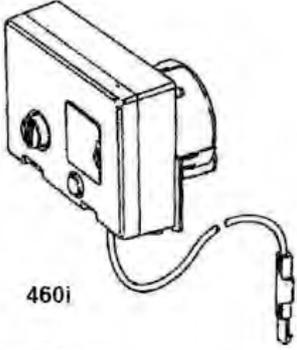
Numero	Ref	P.N.	Description	Fam.	Sotto Fam.	Disp. Stock	
1	AW400	1031740	6 DAYS KIT DISCS FOR 440-440i	010	064		
1	AW401	1031742	7 DAYS KIT DISCS FOR 440-440i	010	064	•	
3	AW451	3030002	MOTOR CAP SCREW	010	064		
4	AW412	3030003	BOWED WASHER P/N 3030003	010	064		
5	AW402	1031756	TRIPPER ARM ASSEMBLY 440-440i	010	064	•	
6	AW413	1030830	SPRING P/N 1030830	010	064		
10	AW410	1007416	WIRE NUT P/N 1007483	010	064		
11	AW420	1000377	MOTORE 230V.50 HZ PER 440-450	010	064		
11	AW421	3003134	MOTORE 24V.50 HZ PER 440-450	010	064		
12	AW433	1001569	12V-60HZ MOTOR FOR 440i	010	064		
12	AW424	1000098	9V-50HZ MOTOR FOR 460i-460tc	010	064	•	
12	AW434		9V-60HZ MOTOR FOR 460i-460tc	010	064	•	
13	AW500	1000814	EUROPEAN TRANSFORMER 230/12V	010	064	•	
13	AW501	1000813	BRITISH TRANSFORMER	010	064	•	
14	AW405	1001833	OUTPUT CONNECTOR W/BLACK START BUTTON 440i	010	064		
N.Visual.	AW406	1001000	BLACK START BUTTON 460i-460 tc	010	064		
N.Visual.	AW453	1005120	CABLE PRESS W/CABLE (440)	010	064		
15	AW454	1031554	BLACK GEAR 119' A(INF.# 8)	010	064		
16	AW455	1030844	BLACK GEAR 119' B	010	064		
17	AW456	1030842	WHITE GEAR 59' A (INF.# 13)	010	064		
18	AW457	1030843	WHITE GEAR 59' B	010	064		
N.Visual.	AW458	1031555	BLACK GEAR 90' A (INF.# 10)	010	064		
N.Visual.	AW459	1030845	BLACK GEAR 90' B	010	064		
19	AW449	1030841	WHITE GEAR FOR TIMER 440I P/N 1030841	010	064		



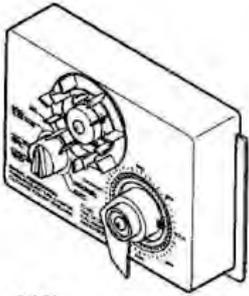
SERIES 400 TIMER LIST



460tc



460i

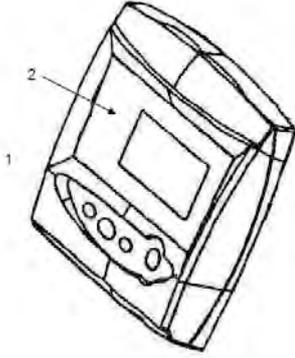


440i

Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
1	AW460	1051826	TIMER 440i 7DAYS 119' 12V.50HZ ITA	010	064	•	
1	AW462	1051827	TIMER 440i 7DAYS 59' 12V.50HZ ITA	010	064	•	
1	AW468	3031461	TIMER 440i 7DAYS 119'12V.50 HZ FOR FILTRATION	010	064	•	
1	AW474	1051828	TIMER 440i 7DAYS 119' 12V.50HZ E.	010	064	•	
1	AW475		TIMER 440i 6DAYS 119' 12V.50HZ E.	010	064		
1	AW476	44ILE2L57 R59	TIMER 440i 7DAYS 59' 12V.50HZ E.	010	064	•	
1	AW477		TIMER 440i 6DAYS 59' 12V.50HZ E.	010	064		
2	AW482	4000610	TIMER 460tc 118' 12V.50HZ SYM	010	064	•	
2	AW483	4000611	TIMER 460tc 59' 12V.50HZ SYM	010	064	•	
2	AW484		TIMER 460tc 118' 12V.60HZ SYM US	010	064		
2	AW485		TIMER 460tc 59' 12V.60HZ SYM US	010	064		
2	AW480	1030007	TIMER 460i 118' 12V.50HZ SYM	010	064	•	
2	AW481	1051811	TIMER 460i 59' 12V.50HZ SYM	010	064	•	
2	AW487		TIMER 460i 59' 12V.60HZ SYM US	010	064		



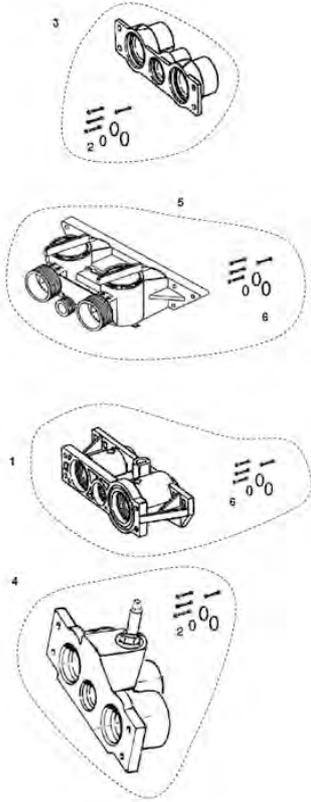
SERIES 700 TIMER LIST



Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
1	AW511E		TIMER 740C W/CHECK SALT 12V 50/60HZ SYMBOL	010	064	•	
1	AW514E		TIMER 760C W/CHECK SALT 12V 50/60HZ SYMBOL	010	064	•	
1	AW517E		TIMER 740F W/CHECK SALT 12V 50/60HZ SYMBOL	010	064	•	
1	AW524E		TIMER 760F W/CHECK SALT 12V 50/60HZ SYMBOL	010	064	•	
1	AW512E		TIMER 742C W/CHECK SALT 12V 50/60HZ SYMBOL	010	064	•	
1	AW515E		TIMER 762C W/CHECK SALT 12V 50/60HZ SYMBOL	010	064	•	
1	AW518E		TIMER 742F W/CHECK SALT 12V 50/60HZ SYMBOL	010	064	•	
1	AW525E		TIMER 762F W/CHECK SALT 12V 50/60HZ SYMBOL	010	064	•	
1	AW505E		TIMER 764C W/CHECK SALT 12V 50/60HZ SYMBOL	010	064	•	
N.Visual.	AW504	1254886	SLAVE CONTROLLER P/N 1254886	010	064	•	



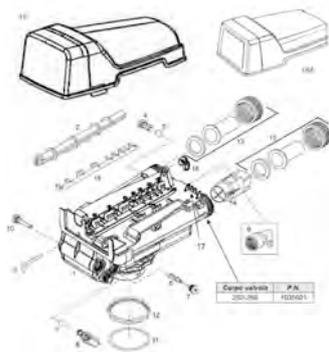
METER, MANIFOLD, 256 BYPASS SPARE PARTS



Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
1	AW201	1032350	METER ADAPTER KIT	010	064	•	
2	AW197		O-RING SET W/SCREWS AND NUTS*	010	064	•	
3	AV015		MANIFOLD BRASS FEMALE 3/4" GAS	010	062	•	
3	AV016		MANIFOLD BRASS FEMALE 1" GAS	010	062	•	
3	AV010		MANIFOLD KIT BRASS FEMALE 3/4" GAS*	010	062	•	
3	AV011		MANIFOLD KIT BRASS FEMALE 1" GAS*	010	062	•	
N.Visual.	AV013	1040283	MANIFOLD KIT NORYL FEMALE 3/4" BSPT*	010	062	•	
4	AV006		MANIFOLD 3/4" GAS MIXER	010	062	•	
4	AV017		MANIFOLD BRASS FEMALE 1" GAS MIXER	010	062	•	
N.Visual.	AV007		MANIFOLD KIT 3/4" GAS BRASS MIXER*	010	062	•	
N.Visual.	AV012		MANIFOLD KIT BRASS FEMALE 1" GAS MIXER*	010	062	•	
N.Visual.	AV001		MANIFOLD 3/4" MALE WITH TURBINE P/N 1234260	010	062	•	
N.Visual.	AV001A		MANIFOLD 255 3/4" BSP MALE NORYL + KIT P/N 1234256	010	062	•	
N.Visual.	AV022		MANIFOLD 1" MALE WITH TURBINE + KIT P/N 1234259	010	062	•	
N.Visual.	AV022A		MANIFOLD 255 1" BSP MALE NORYL + KIT P/N 1234255	010	062	•	
5	AV026	1040769	BY-PASS 256 W/O-RING, SCREWS,NUTS	010	062	•	
N.Visual.	AW202	1033057	FLOW METER 255-168	010	064		
6	AW197N	1040524	O-RING DET W/SCREWS & NUTS FOR NORYL MANIFOLD P/N 1040524	010	064	•	



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



Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
1+12+15+16+17	AW166	1263715	263-268/400 VALVE ASSEMBLY W/O FLKOW CONTROLS	010	064	•	
2	AW315	1035625	CAMSHAFT FOR 268 STD	010	064		
2	AW316	1035627	CAMSHAFT FOR 268 XS	010	064		
2	AW317	1030376	CAMSHAFT FOR 268 FA	010	064		
2	AW318	1035624	CAMSHAFT FOR 263	010	064		
3	AW185	1031391	TIMER LOCKING PIN	010	064	•	
4	AW100	1000209	BACKWASH CONTROL 07 WITH O-RING	010	064	•	
4	AW101	1000210	BACKWASH CONTROL 08 WITH O-RING	010	064	•	
4	AW102	1000211	BACKWASH CONTROL 09 WITH O-RING	010	064	•	
4	AW103	1000212	BACKWASH CONTROL 10 WITH O-RING	010	064	•	
4	AW104	1000213	BACKWASH CONTROL 12 WITH O-RING	010	064	•	
4	AW105	1000214	BACKWASH CONTROL 13 WITH O-RING	010	064	•	
4	AW106	1000215	BACKWASH CONTROL 14 WITH O-RING	010	064	•	
5	AW139	1030502	FLOW CONTROL BALL	010	064	•	
6	AW130	1032970	INJECTOR A WHITE WITH O-RING	010	064	•	
6	AW131	1032971	INJECTOR B BLUE WITH O-RING	010	064	•	
6	AW132	1032972	INJECTOR C RED WITH O-RING	010	064	•	
7	AW107	1000269	INJECTOR CAP/BACKWASH OPEN 00	010	064	•	
N.Visual.	AW306	1032978	PLUGGED INJECTOR ASSEMBLY 263	010	064		
8	AW110	1034261	BRINE REFILL CONTROL 10 Lbs	010	064	•	
8	AW111	1034263	BRINE REFILL CONTROL 19 Lbs	010	064	•	
8	AW308	1030334	PLUGGED REFILL CONTROL 263	010	064	•	
9	AV175	1002449	ELBOW DRIAN FITTING 3/4" F	010	062	•	

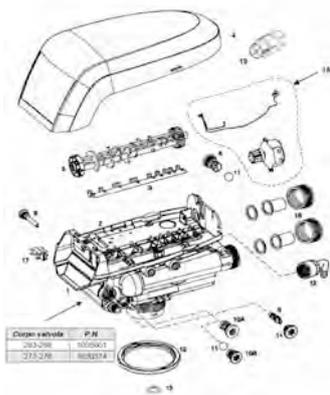


263-268-268F A/400 VALVE EXPLODED VIEW

Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
10	AW125	1000226	SCREEN/CAP ASSEMBLY W/O-RING	010	064	•	
11	AW172	3029969	O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2"	010	064	•	
12	AW319	1035622	TANK RING 2"1/2 263-268 P/N 1035623	010	064	•	
13	AV030B		MANIFOLD KIT BRASS MALE 3/4" GAS*	010	062	•	
13	AV031B		MANIFOLD KIT BRASS MALE " GAS*	010	062	•	
13	AV032	1001615	MANIFOLD KIT PVC D,32	010	062	•	
13	AV038		MANIFOLD KIT BRASS MALE 1,1/4" GAS*	010	062	•	
14	AW328	1033444	TURBINE ASSEMBLY	010	064	•	
15	AW360	1235339	VALVE DISC SPRING ONE PIECE 263/268 LOGIX P/N 1235339	010	064	•	
N.Visual.	AW181	1001580	VALVE DISC SPRING	010	064	•	
16	AW146A	3019873	CAMSHAFT BEARING FOR COVER Lid NEW STYLE	010	064		
18	AW141A	3019870	COVER FOR 255-263-268 SERIE 400 (I-Lid) NEW STYLE	010	064		
N.Visual.	AW329	1041174	VALVE DISCS KIT FOR 263-268-273-278	010	064	•	
N.Visual.	AW309	1035778	CLIP ALBERO A CAM PERFORMA	010	064		
N.Visual.	AV037	1239760	BLENDING KIT SCREW FOR 700 SERIES AND 255/400 NEW STYLE	010	062	•	
N.Visual.	AV065	1041116	MICRO-SWITCH KIT FOR 268 0.1 A	010	062		
N.Visual.	AV066	1041117	MICRO-SWITCH KIT FOR 268 5.0 A	010	062		
N.Visual.	AV039		BY-PASS 1265 KIT BRASS 1" GAS*	010	062	•	
N.Visual.	AV040		BY-PASS KIT 1265 BRASS 1,1/4" GAS*	010	062	•	
N.Visual.	AW174	3030450	TOP PLATE SCREW NO 8x9/16"	010	064	•	



LOGIX 263-268-278 VALVE EXPLODED VIEW



Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
1+2+3+13	AW362	1255104	263-268/700 VALVE ASSEMBLY W/O FLOW CONTROLS	010	064	•	
1+2+3+13	AW363	1255105	278 VALVE ASSMBLY W/O FLOW CONTROLS	010	064	•	
2	AW359	1235338	TOP PLATE 263/268/278 LOGIX P/N 1235338	010	064	•	
3	AW360	1235339	VALVE DISC SPRING ONE PIECE 263/268 LOGIX P/N 1235339	010	064	•	
4	AW148	1236246	253-5/263-8 LOGIX STANDARD COVER P/N 1236246	010	064		
5	AW358	1235352	CAMSHAFT 263/268 LOGIX P/N 1235352	010	064	•	
5	AW361	1237405	CAMSHAFT 278 LOGIX P/N 1237405	010	064	•	
6	AW100	1000209	BACKWASH CONTROL 07 WITH O-RING	010	064	•	
6	AW101	1000210	BACKWASH CONTROL 08 WITH O-RING	010	064	•	
6	AW102	1000211	BACKWASH CONTROL 09 WITH O-RING	010	064	•	
6	AW103	1000212	BACKWASH CONTROL 10 WITH O-RING	010	064	•	
6	AW104	1000213	BACKWASH CONTROL 12 WITH O-RING	010	064	•	
6	AW105	1000214	BACKWASH CONTROL 13 WITH O-RING	010	064	•	
6	AW106	1000215	BACKWASH CONTROL 14 WITH O-RING	010	064	•	
6	AV044	1030355	EXTERNAL BACKWASH 05 GPM	010	062	•	
6	AV045	1030356	EXTERNAL BACKWASH 06 GPM	010	062	•	
6	AV046	1030357	EXTERNAL BACKWASH 07 GPM	010	062	•	
6	AV047	1030358	EXTERNAL BACKWASH 08 GPM	010	062	•	
6	AV048	1030359	EXTERNAL BACKWASH 09 GPM	010	062	•	



PARTS LIST VALVE LOGIX 263-268-278

Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
6	AV049	1030360	EXTERNAL BACKWASH 10 GPM	010	062	•	
6	AV141	1000406	EXTERNAL BACKWASH CONTROL 12 GPM	010	062	•	
6	AV142	1000407	EXTERNAL BACKWASH CONTROL 15 GPM	010	062	•	
6	AV144	1000409	EXTERNAL BACKWASH CONTROL 20 GPM	010	062	•	
8	AW125	1000226	SCREEN/CAP ASSEMBLY W/O-RING	010	064	•	
9	AW133	1035730	INJECTOR E YELLOW WITH O-RING	010	064	•	
9	AW134	1035731	INJECTOR F PEACH WITH O-RING	010	064	•	
9	AW135	1035732	INJECTOR G TAN WITH O-RING	010	064	•	
9	AW136	1035733	INJECTOR H LIGHT PURPLE WITH O-RING	010	064	•	
9	AW137	1035734	INJECTOR J LIGHT BLUE WITH O-RING	010	064	•	
9	AW138	1035735	INJECTOR K PINK WITH O-RING	010	064	•	
9	AW348	1035736	INJECTOR L ORANGE WITH O-RING P/N 1035736	010	064	•	
9	AW349	1035737	INJECTOR M BROWN WITH O-RING P/N 1035737	010	064	•	
9	AW350	1035738	INJECTOR N GREEN WITH O-RING P/N 1035738	010	064	•	
9	AW351	1035739	INJECTOR Q PURPLE WITH O-RING P/N 1035739	010	064	•	
9	AW352	1035884	INJECTOR R GREY WITH O-RING P/N 1035884	010	064	•	
10B	AW118	1243511	BRINE REFILL CONTROL .33 GPM	010	064	•	
10B	AW327	1000519	BRINE REFILL CONTROL ACQUA 1.3 GPM P/N 1000519	010	064	•	
11	AW139	1030502	FLOW CONTROL BALL	010	064	•	
11	AW308	1030334	PLUGGED REFILL CONTROL 263	010	064	•	
12	AV175	1002449	ELBOW DRIAN FITTING 3/4" F	010	062	•	
13	AW169	3030918	O-RING 1.05"	010	064	•	
14	AW107	1000269	INJECTOR CAP/BACKWASH OPEN 00	010	064	•	

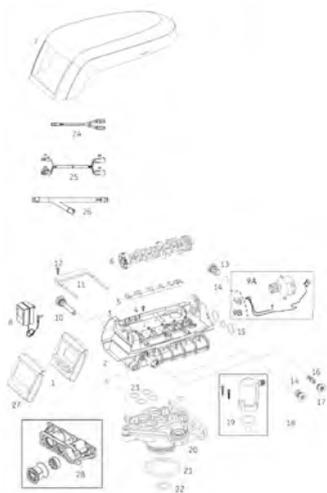


PARTS LIST VALVE LOGIX 263-268-278

Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
15	AW319	1035622	TANK RING 2"1/2 263-268 P/N 1035623	010	064	•	
16	AV030B		MANIFOLD KIT BRASS MALE 3/4" GAS*	010	062	•	
16	AV031B		MANIFOLD KIT BRASS MALE " GAS*	010	062	•	
16	AV032	1001615	MANIFOLD KIT PVC D,32	010	062	•	
16	AV038		MANIFOLD KIT BRASS MALE 1,1/4" GAS*	010	062	•	
17	AW129	1235373	OPTIC SENSOR P/N 1235373	010	064	•	
18	AW126	1238861	MOTOR W/SPACER AND PINION AND CABLE SERIES 700 P/N 1238861	010	064	•	
N.Visual.	AW172	3029969	O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2"	010	064	•	
N.Visual.	AW329	1041174	VALVE DISCS KIT FOR 263-268-273-278	010	064	•	
N.Visual.	AV037	1239760	BLENDING KIT SCREW FOR 700 SERIES AND 255/400 NEW STYLE	010	062	•	
N.Visual.	AW128	1235446	TURBINE CABLE 255-268-278/700	010	064	•	
19	AW328	1033444	TURBINE ASSEMBLY	010	064		
N.Visual.	AX040	1244336	KIT CHLORINE GENERATOR 255/268 LOGIX	010	070	•	
N.Visual.	AW124	3029962	MOTOR LOCKING PIN P/N 3029962	010	064	•	
N.Visual.	AV057	1239711	FRONT MOUNT SWITCH KIT 253-5/263-8 0,1A	010	062	•	
N.Visual.	AV058	1239752	FRONT MOUNT SWITCH KIT 253-5/263-8 5A	010	062	•	
N.Visual.	AV059	1239753	TOP PLATE SWITCH KIT 253-5/263-8 0,1A	010	062	•	
N.Visual.	AV069	1239754	TOP PLATE SWITCH KIT 253-5/263-8 5A	010	062	•	
N.Visual.	AV036	1263718	KIT REMOTE LOGIX CONTROL W/CABLE LG.32 P/N 1263718	010	062		
N.Visual.	AV036A	1256257	KIT REMOTE LOGIX CONTROL W/TERMINAL BLOCKS P/N 1256257	010	062		
N.Visual.	AV023	1242411	EXTENSION CORD Lg=50cm FOR CAB. P/N 1242411	010	062		
N.Visual.	AV023A	1239979	4 PIN CONNECTOR CABLE START 700 SERIES	010	062	•	



255/764 VALVE EXPLODED VIEW & PARTS LIST



Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
1	AW505E		TIMER 764C W/CHECK SALT 12V 50/60HZ SYMBOL	010	064	•	
2+3+4+5	AW168	1244650	255/700 VALVE ASSEMBLY W/O FLOW CONTROLS	010	064	•	
3	AW162	1235340	TOP PLATE 253/255 LOGIX P/N 1235341	010	064	•	
4-12	AW174	3030450	TOP PLATE SCREW NO 8x9/16"	010	064	•	
5	AW163	1235341	SPRING ONE PIECE 255 VALVE P/N 1235341	010	064	•	
6	AW149	1235353	CAMSHAFT 253/255 LOGIX P/N 1235353	010	064	•	
6	AW177	1236251	CAMSHAFT 255 LOGIX 764 TWIN P/N 1236251	010	064	•	
7	AW148	1236246	253-5/263-8 LOGIX STANDARD COVER P/N 1236246	010	064		
8	AW500	1000814	EUROPEAN TRANFORMER 230/12V	010	064	•	
8	AW501	1000813	BRITISH TRANFORMER	010	064	•	
9A	AW126	1238861	MOTOR W/SPACER AND PINION AND CABLE SERIES 700 P/N 1238861	010	064	•	
9B	AW129	1235373	OPTIC SENSOR P/N 1235373	010	064	•	
10	AW125	1000226	SCREEN/CAP ASSEMBLY W/O-RING	010	064	•	
11	AW173	1031405	LOCKING BAR	010	064	•	
13	AW100	1000209	BACKWASH CONTROL 07 WITH O-RING	010	064	•	
13	AW101	1000210	BACKWASH CONTROL 08 WITH O-RING	010	064	•	
13	AW102	1000211	BACKWASH CONTROL 09 WITH O-RING	010	064	•	
13	AW103	1000212	BACKWASH CONTROL 10 WITH O-RING	010	064	•	
13	AW104	1000213	BACKWASH CONTROL 12 WITH O-RING	010	064	•	
13	AW105	1000214	BACKWASH CONTROL 13 WITH O-RING	010	064	•	
13	AW106	1000215	BACKWASH CONTROL 14 WITH O-RING	010	064	•	
14	AW139	1030502	FLOW CONTROL BALL	010	064	•	
15	AW196	1040459	O-RING SET*	010	064	•	

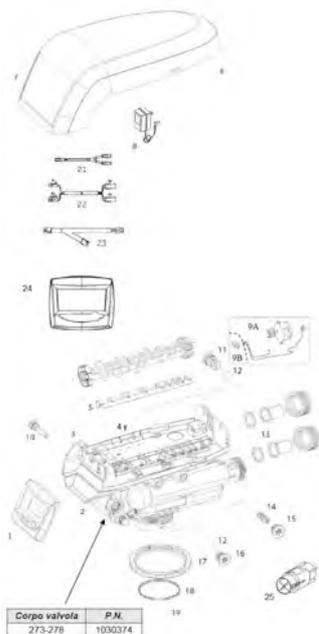


PARTS LIST VALVE 255/764

Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
16	AW133	1035730	INJECTOR E YELLOW WITH O-RING	010	064	•	
16	AW134	1035731	INJECTOR F PEACH WITH O-RING	010	064	•	
16	AW135	1035732	INJECTOR G TAN WITH O-RING	010	064	•	
16	AW136	1035733	INJECTOR H LIGHT PURPLE WITH O-RING	010	064	•	
16	AW137	1035734	INJECTOR J LIGHT BLUE WITH O-RING	010	064	•	
16	AW138	1035735	INJECTOR K PINK WITH O-RING	010	064	•	
16	AW348	1035736	INJECTOR L ORANGE WITH O-RING P/N 1035736	010	064	•	
16	AW349	1035737	INJECTOR M BROWN WITH O-RING P/N 1035737	010	064	•	
16	AW350	1035738	INJECTOR N GREEN WITH O-RING P/N 1035738	010	064	•	
16	AW351	1035739	INJECTOR Q PURPLE WITH O-RING P/N 1035739	010	064	•	
16	AW352	1035884	INJECTOR R GREY WITH O-RING P/N 1035884	010	064	•	
17	AW107	1000269	INJECTOR CAP/BACKWASH OPEN 00	010	064	•	
18	AW118	1243511	BRINE REFILL CONTROL .33 GPM	010	064	•	
19	AW190	1032417	KIT AIR-CHECK 1/4" MALE	010	064	•	
20	AW170	1033784	ADAPTER PRESSURE VESSEL 2.1/2" FOR TUBE 1.05"	010	064	•	
21	AW172	3029969	O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2"	010	064	•	
22	AW169	3030918	O-RING 1.05"	010	064	•	
23	AW195	1001404	O-RING SET FOR 255 VALVE TOP/BOTTOM COUPLING	010	064	•	
24	AW365	3016715	Y CABLE 4 PIN TURBINE SENSOR P/N 3016715	010	064	•	
25	AW366	3016775	INTERCONNECTION CABLE LOGIX TWIN LG 3 M P/N 3016775	010	064	•	
26	AW367	3020228	START/LOCKOUT CABLE 3 PIN MULTI TANK P/N 3020228	010	064	•	
27	AW504	1254886	SLAVE CONTROLLER P/N 1254886	010	064	•	
28	AW201	1032350	METER ADAPTER KIT	010	064	•	
Non visual.	AW124	3029962	MOTOR LOCKING PIN P/N 3029962	010	064	•	
Non visual.	AW128	1235446	TURBINE CABLE 255-268-278/700	010	064	•	



PARTS LIST VALVE 278/764



Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
1	AW505E		TIMER 764C W/CHECK SALT 12V 50/60HZ SYMBOL	010	064	•	
2+3+4+5+19	AW363	1255105	278 VALVE ASSMBLY W/O FLOW CONTROLS	010	064	•	
3	AW359	1235338	TOP PLATE 263/268/278 LOGIX P/N 1235338	010	064	•	
4	AW174	3030450	TOP PLATE SCREW NO 8x9/16"	010	064	•	
5	AW360	1235339	VALVE DISC SPRING ONE PIECE 263/268 LOGIX P/N 1235339	010	064	•	
6	AW361	1237405	CAMSHAFT 278 LOGIX P/N 1237405	010	064	•	
6	AW364	1237406	CAMSHAFT 278 LOGIX 764 TWIN P/N 1237406	010	064	•	
7	AW148	1236246	253-5/263-8 LOGIX STANDARD COVER P/N 1236246	010	064		
8	AW500	1000813	EUROPEAN TRANSFORMER 230/12V	010	064	•	
8	AW501	1000811	BRITISH TRANSFORMER	010	064	•	
9A	AW126	1238861	MOTOR W/SPACER AND PINION AND CABLE SERIES 700 P/N 1238861	010	064	•	
9B	AW129	1235373	OPTIC SENSOR P/N 1235373	010	064	•	
10	AW125	1000226	SCREEN/CAP ASSEMBLY W/O-RING	010	064	•	
11	AW100	1000209	BACKWASH CONTROL 07 WITH O-RING	010	064	•	
11	AW101	1000211	BACKWASH CONTROL 08 WITH O-RING	010	064	•	
11	AW103	1000212	BACKWASH CONTROL 10 WITH O-RING	010	064	•	
11	AW104	1000213	BACKWASH CONTROL 12 WITH O-RING	010	064	•	
11	AW105	1000214	BACKWASH CONTROL 13 WITH O-RING	010	064	•	
11	AW106	1000215	BACKWASH CONTROL 14 WITH O-RING	010	064	•	
12	AW139	1030502	FLOW CONTROL BALL	010	064	•	
13	AV031B		MANIFOLD KIT BRASS MALE " GAS*	010	062	•	
13	AV032	1001615	MANIFOLD KIT PVC D,32	010	062	•	
13	AV038		MANIFOLD KIT BRASS MALE 1,1/4" GAS*	010	062	•	
13	AW183		MANIFOLD+NUT 1,1/4" BRASS	010	064	•	

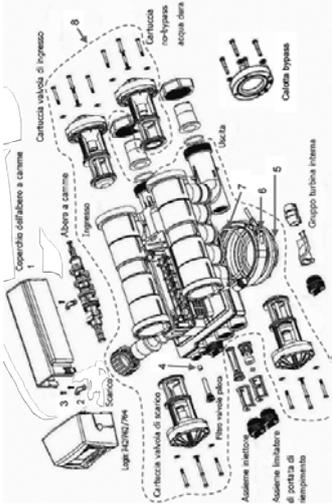


PARTS LIST VALVE 278/764

Numero	Ref	P.N.	Description	Fam.	Subfam	Disp. Stock	
14	AW133	1035730	INJECTOR E YELLOW WITH O-RING	010	064	•	
14	AW134	1035731	INJECTOR F PEACH WITH O-RING	010	064	•	
14	AW135	1035732	INJECTOR G TAN WITH O-RING	010	064	•	
14	AW136	1035733	INJECTOR H LIGHT PURPLE WITH O-RING	010	064	•	
14	AW137	1035734	INJECTOR J LIGHT BLUE WITH O-RING	010	064	•	
14	AW138	1035735	INJECTOR K PINK WITH O-RING	010	064	•	
14	AW348	1035736	INJECTOR L ORANGE WITH O-RING P/N 1035736	010	064	•	
14	AW349	1035737	INJECTOR M BROWN WITH O-RING P/N 1035737	010	064	•	
14	AW350	1035738	INJECTOR N GREEN WITH O-RING P/N 1035738	010	064	•	
14	AW351	1035739	INJECTOR Q PURPLE WITH O-RING P/N 1035739	010	064	•	
14	AW352	1035884	INJECTOR R GREY WITH O-RING P/N 1035884	010	064	•	
15	AW107	1000269	INJECTOR CAP/BACKWASH OPEN 00	010	064	•	
16	AW118	1243511	BRINE REFILL CONTROL .33 GPM	010	064	•	
16	AW327	1000519	BRINE REFILL CONTROL ACQUA 1.3 GPM P/N 1000519	010	064	•	
17	AW319	1035622	TANK RING 2"1/2 263-268 P/N 1035623	010	064	•	
18	AW172	3029969	O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2"	010	064	•	
19	AW169	3030918	O-RING 1.05"	010	064	•	
21	AW365	3016715	Y CABLE 4 PIN TURBINE SENSOR P/N 3016715	010	064	•	
22	AW366	3016775	INTERCONNECTION CABLE LOGIX TWIN LG 3 M P/N 3016775	010	064	•	
23	AW367	3020228	START/LOCKOUT CABLE 3 PIN MULTI TANK P/N 3020228	010	064	•	
24	AW504	1254886	SLAVE CONTROLLER P/N 1254886	010	064	•	
Non visual.	AW124	3029962	MOTOR LOCKING PIN P/N 3029962	010	064	•	
Non visual.	AW128	1235446	TURBINE CABLE 255-268-278/700	010	064	•	
25	AW328	1033444	TURBINE ASSEMBLY	010	064	•	



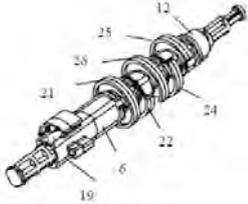
MAGNUM VALVE 700 SERIES EXPLODED VIEW



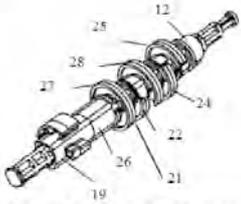
Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
1	CD140	1000343	CAMSHAFT COVER	020	083		
2	CD100	1000589	PILLOW BLOCK CAP	020	083	•	
3	CD109	3030505	MAGNUM VALVE LONG SCREW	020	083	•	
4	CD144	3025780	INTERNAL CHECK VALVE	020	083	•	
5	CD171	3024790	AISI 304 MAGNUM ADAOPTER P/N 3024790	020	083	•	
6	CD173	3024785	CLAMP AISI 304 P/N 3024785	020	083	•	
7	CD174	3026486	O RING CLAMP P/N 3026486	020	083	•	



MAGNUM VALVE 700 SERIES SPARE PARTS



A) ALBERO A CAMME 5 CICLI
ADDOLCITORE/FILTRO LOGIX



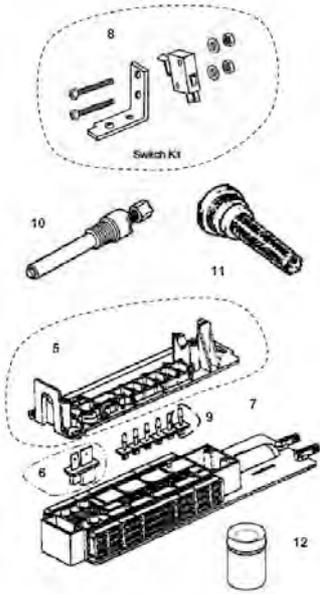
B) ALBERO A CAMME TWIN
LOGIX

Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp.Stock	
A)	CD125	1267726	3-5 CYCLES MAGNUM LOGIX SIMPLEX CAMSHAFT	020	083	•	
costituito da							
19		1000499	Camme aspirazione salamoia - AVANA				
6		1000462	Camme standard - NERO				
21		1001620	Camme pilota # 1 - AVANA				
22		1001621	Camme pilota # 2 - BLU				
26		1267724	Camme pilota # 3 - GRIGIO				
24		1001623	Camme pilota # 4 - GIALLO				
25		1001624	Camme pilota # 5 - ARANCIONE				
12		1000469	Camme pilota # 6 - ROSSO				

Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp.Stock	
B)	CD126	1001751	3-5 CYCLES MAGNUM LOGIX TWIN CAMSHAFT P/N 1001751	020	083	•	
costituito da							
19		1000499	Camme aspirazione salamoia - AVANA				
26		1034356	Camme distanziale - NERO				
27		1233554	Camme standard - AVANA				
21		1001620	Camme pilota # 1 - AVANA				
22		1001621	Camme pilota # 2 - BLU				
28		1001622	Camme pilota # 3 - VERDE				
24		1001623	Camme pilota # 4 - GIALLO				
25		1001624	Camme pilota # 5 - ARANCIONE				
12		1000469	Camme pilota # 6 - ROSSO				



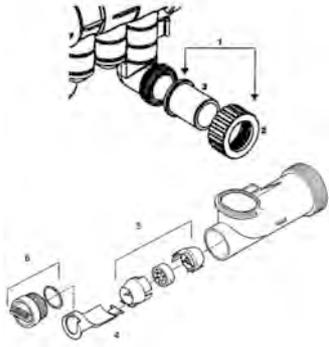
MAGNUM VALVE 700 SERIES SPARE PARTS



Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
5	CD141	1000339	MAGNUM PLATE P/N 1000339	020	083	•	
N.Visual.	AW174	3030450	TOP PLATE SCREW NO 8x9/16"	010	064	•	
N.Visual.	CD109	3030505	MAGNUM VALVE LONG SCREW	020	083	•	
6	CD143	1000391	BRINE FLAPFOR VALVE P/N 1000391	020	083	•	
9	CD142	1000328	PILOT FLAPPER VALVE P/N 1000328	020	083	•	
N.Visual.	AW181	1001580	VALVE DISC SPRING	010	064	•	
6+7	CD020	1040692	VALVE DISCS KIT FOR MAGNUM	020	083	•	
N.Visual.	CD161	1010162	4" TANK ADAPTER O-RING	020	083	•	
N.Visual.	CC115	1000553	CAM PILOT AUXILIARY LONG CYCLE	020	082	•	
N.Visual.	CC116	1000554	CAM PILOT AUXILIARY SHORT CYCLE	020	082	•	
8	CC119	3019468	KIT N.1 MICRO SWITCH 0.1 AMPERE P/N 3109468	020	082	•	
8	CC120	3019469	KIT N. 1 MICRO SWITCH 5.0 AMPERE P/N 3019469	020	082	•	
N.Visual.	CC124	3019467	KIT N. 3 MICRO SWITCH 5,0 AMPERE P/N 3019467	020	082	•	
10	CC130	1040668	EXTERNAL PILOT FEED ADAPTER	020	082	•	
11	AW125	1000226	SCREEN/CAP ASSEMBLY W/O-RING	010	064	•	
12	CD144	3025780	INTERNAL CHECK VALVE	020	083	•	



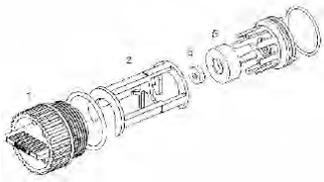
MAGNUM VALVE INSTALLATION ADAPTER PARTS



Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
1	CC080	3023673	MAGNUM 1,5" STAINLESS STEEL ADAPTER KIT BSPT	020	082	•	
1	CC081	1001656	MAGNUM 2" PVC D.50 MM ADAPTER KIT	020	082	•	
1	CC082	3023674	MAGNUM 2" STAINLESS STEEL ADAPTER KIT BSPT	020	082	•	
1	CC083	1040785	MAGNUM 2" PVC D.63 MM ADAPTER KIT	020	082	•	
2	CD151	1000356	1.5" NORYL ADAPTER NUT	020	083	•	
2	CD152	1030664	2" SS ADAPTER NUT	020	083	•	
3	CD153	3014556	1.5" SS BSPT ADAPTER	020	083	•	
3	CD163		1.5" BSPT FEMALE ADAPTER AVP GALVANIZED	020	083		
3	CD154	3014559	2" SS BSPT ADAPTER	020	083	•	
3	CD155	1030577	32 MM METRIC CPVC ADAPTER	020	083		
3	CD156	1000359	50 MM METRIC CPVC ADAPTER	020	083	•	
3	CD157	1030667	63 MM METRIC CPVC ADAPTER	020	083	•	
4	CD067	1000074	INSERT CORNER 2"	020	083	•	
5	CD068	1232965	ASSEMBLY TURBINE IT 2" P/N 1232965	020	083	•	
6	CD099	1040688	PLUG FOR INJECTOR, REFILL AND PRESSURE REGULATOR PORTS	020	083	•	
N.Visual.	CD158	3029966	1.5" ADAPTER & 48.3 MM TUBE O-RING	020	083	•	
N.Visual.	CD159	3029964	2" ADAPTER O-RING	020	083	•	
N.Visual.	CD161	1010162	4" TANK ADAPTER O-RING	020	083	•	
N.Visual.	CD162	1030891	GASKET FOR 2" TURBINE	020	083	•	
N.Visual.	CC084	1040921	SIDE MOUNT ADAPTER PVC 2" BSPT FEMALE	020	082	•	
N.Visual.	CD069	1033358	2" FLOW METER BODY	020	083	•	
N.Visual.	CD073	1034081	2" FLOW METER W/ 63 MM METRIC CPVC ADAPTER	020	083	•	



MAGNUM REFILL CONTROL ASSEMBLY PARTS



Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
1	CD099	1040688	PLUG FOR INJECTOR, REFILL AND PRESSURE REGULATOR PORTS	020	083	•	
3	CD089	1040687	REFILL CONTROL ASSEMBLY W/O REFILL CONTROL	020	083	•	
4	CD081	1000421	BRINE REFIL CONTROLLER 0.7 GPM FOR PRESSURE VESSEL 14"	020	083	•	
4	CD082	1000422	BRINE REFIL CONTROLLER 0.8 GPM FOR PRESSURE VESSEL 16"	020	083	•	
4	CD083	1000423	BRINE REFIL CONTROLLER 1.0 GPM FOR PRESSURE VESSEL 18"	020	083	•	
4	CD084	1000424	BRINE REFIL CONTROLLER 1.4 GPM FOR PRESSURE VESSEL 21"	020	083	•	
4	CD085	1000425	BRINE REFIL CONTROLLER 2.0 GPM FOR PRESSURE VESSEL 24"	020	083	•	
4	CD086	1000426	BRINE REFIL CONTROLLER 3.0 GPM FOR PRESSURE VESSEL 30"	020	083	•	
4	CD087	1000427	BRINE REFIL CONTROLLER 5.0 GPM FOR PRESSURE VESSEL 36"	020	083	•	
5	CD080	1000479	REFILL CONTROL CAGE	020	083	•	

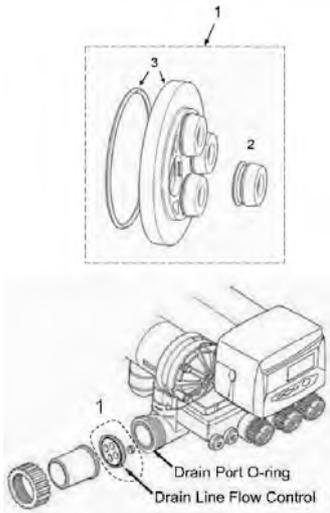
MAGNUM INJECTOR ASSEMBLY PARTS



Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
1	CD091	1040670	INJECTOR 0.5 GPM FOR PRESSURE VESSEL 14"	020	083	•	
1	CD092	1040671	INJECTOR 0.5 GPM FOR PRESSURE VESSEL 16"	020	083	•	
1	CD093	1040672	INJECTOR 0.6 GPM FOR PRESSURE VESSEL 18"	020	083	•	
1	CD094	1040673	INJECTOR 0.9 GPM FOR PRESSURE VESSEL 21"	020	083	•	
1	CD095	1040674	INJECTOR 1.4 GPM FOR PRESSURE VESSEL 24"	020	083	•	
1	CD096	1040675	INJECTOR 2.0 GPM FOR PRESSURE VESSEL 30"	020	083	•	
1	CD097	1040676	INJECTOR 3.3 GPM FOR PRESSURE VESSEL 36"	020	083	•	
1	CD097A	1000491	INJECTOR 4.2 GPM FOR PRESSURE VESSEL 42"	020	083	•	
1	CD098	1040669	BLANK INJECTOR	020	083	•	
2	CD088	1040677	INJECTOR ASSEMBLY W/O INJECTOR	020	083	•	
3	CD090	1000322	INJECTOR SCREEN P/N 1000322	020	083	•	
4	CD099	1040688	PLUG FOR INJECTOR, REFILL AND PRESSURE REGULATOR PORTS	020	083	•	



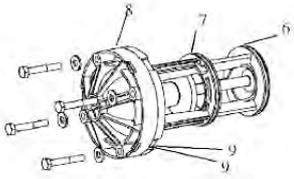
MAGNUM DRAIN LINE FLOW CONTROL PART LIST



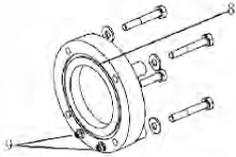
Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
1	CC101	1040720	FLOW CONTROL DISK 05 GPM	020	082	•	
1	CC102	1040721	FLOW CONTROL DISK 06 GPM	020	082	•	
1	CC103	1040723	FLOW CONTROL DISK 08 GPM	020	082	•	
1	CC104	1040725	FLOW CONTROL DISK 10 GPM	020	082	•	
1	CC105	1040728	FLOW CONTROL DISK 13 GPM	020	082	•	
1	CC114	1040729	FLOW CONTROL DISK 14 GPM	020	082	•	
1	CC106	1040740	FLOW CONTROL DISK 15 GPM	020	082	•	
1	CC107	1040745	FLOW CONTROL DISK 20 GPM	020	082	•	
1	CC108	1040747	FLOW CONTROL DISK 22 GPM	020	082	•	
1	CC109	1040730	FLOW CONTROL DISK 25 GPM	020	082	•	
1	CC110	1040735	FLOW CONTROL DISK 30 GPM	020	082	•	
1	CC111	1040750	FLOW CONTROL DISK 35 GPM	020	082	•	
1	CC112	1040755	FLOW CONTROL DISK 40 GPM	020	082	•	
1	CD101	1040756	FLOW CONTROL INSERT 05 GPM BLUE	020	083	•	
2	CD102	1040757	FLOW CONTROL INSERT 06 GPM RED	020	083	•	
2	CD103	1040758	FLOW CONTROL INSERT 07 GPM LIGHT BROWN	020	083	•	
2	CD104	1040759	FLOW CONTROL INSERT 08 GPM GREEN	020	083	•	
2	CD105	1040760	FLOW CONTROL INSERT 09 GPM LIGHT BROWN WHITE MARKED	020	083	•	
2	CD106	1040761	GOMMINO FLOW CONTROL 10 GPM BRICK RED	020	083	•	
2	CD107	1040763	BLANK FLOW CONTROL INSERT BLACK	020	083	•	
2	CD180		DLFC INSERTS KIT	020	083	•	
3	CD108	1040762	FLOW CONTROL DISC WITH O-RING	020	083	•	



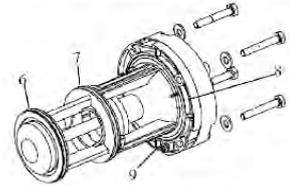
MAGNUM CARTRIDGES PARTS LIST



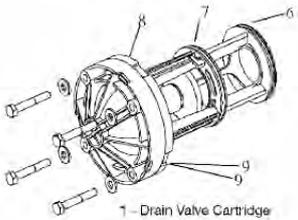
2 - Rinse Valve Cartridge



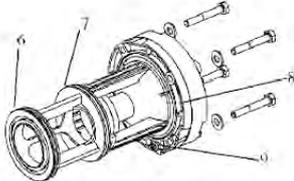
4 - Hard Water Bypass Cap



5 - Inlet Valve Cartridge



1 - Drain Valve Cartridge

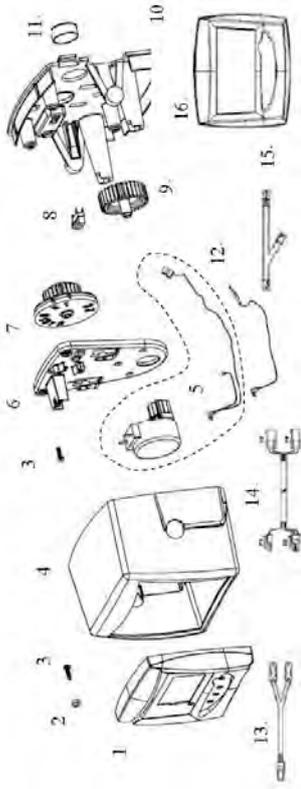


3 - No Hard Water Bypass Valve Cartridge

Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
1-3	CD111	1000366	DRAIN VALVE/NO HARD WATER BYPASS VALVE CARTRIDGE	020	083	•	
2	CD112	1000365	RINSE VALVE CARTRIDGE	020	083	•	
4	CD114	1000336	HARD WATER BYPASS CAP	020	083	•	
5	CD113	1000317	INLET VALVE CARTRIDGE	020	083	•	
6	CD118	1010157	O RING # 6 P/N 1010157	020	083	•	
7	CD119	1010158	O RING # 7 P/N 1010158	020	083	•	
8	CD120	3030497	O RING # 8 P/N 3030497	020	083	•	
9	CD124	1010116	O RING # 9 P/N 3030531	020	083	•	
N.Visual.	CD116	1040690	O-RING KIT FOR HARD WATER BYPASS CAP P/N 1040690	020	083	•	
N.Visual.	CD115	1040689	O-RING KIT P/N 1040689	020	083	•	



SERIES MAGUM 700 TIMER LIST



Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
1	AW512E		TIMER 742C W/CHECK SALT 12V 50/60HZ SYMBOL	010	064	•	
1	AW515E		TIMER 762C W/CHECK SALT 12V 50/60HZ SYMBOL	010	064	•	
1	AW518E		TIMER 742F W/CHECK SALT 12V 50/60HZ SYMBOL	010	064	•	
1	AW525E		TIMER 762F W/CHECK SALT 12V 50/60HZ SYMBOL	010	064	•	
1	AW505E		TIMER 764C W/CHECK SALT 12V 50/60HZ SYMBOL	010	064	•	
2	CD138	3030921	LOGIX MAGNUM CONTROL MECH. ASSEMBLY 293-298 P/N 1233809	020	083		
3	CD136	3030001	NUT P/N 3030001	020	083	•	
4	CD137	1262674	TIMER COVER 293-298 P/N 1262674	020	083		
5	AW126	1238861	MOTOR W/SPACER AND PINION AND CABLE SERIES 700 P/N 1238861	010	064	•	
7	CD139	1262581	DRIVE GEAR LOGIX MAGNUM CONTROL	020	083		
8	AW129	1235373	OPTIC SENSOR P/N 1235373	010	064	•	
9	CD128	1262672	IDLE GEAR LOGIX MAGNUM CONTROL	020	083	•	
12	CD131	1266722	TURBINE CABLE LOGIX LG=0.8 M	020	083	•	
12	CD132	1266723	TURBINE CABLE LOGIX LG=3 M	020	083	•	
12	CD133	1266724	TURBINE CABLE LOGIX LG=7,5 M	020	083		
13	AW365	3016715	Y CABLE 4 PIN TURBINE SENSOR P/N 3016715	010	064	•	
14	AW366	3016775	INTERCONNECTION CABLE LOGIX TWIN LG 3 M P/N 3016775	010	064	•	
15	AW367	3020228	START/LOCKOUT CABLE 3 PIN MULTI TANK P/N 3020228	010	064	•	
16	AW504	1254886	SLAVE CONTROLLER P/N 1254886	010	064	•	
Non visual.	CD138	1233809	LOGIX MAGNUM CONTROL MECH. ASSEMBLY 293-298 P/N 1233809	020	083		
Non visual.	AW500	1000814	EUROPEAN TRANSFORMER 230/12V	010	064	•	
Non visual.	AW501	1000813	BRITISH TRANSFORMER	010	064	•	
Non visual.	AV036	1263718	KIT REMOTE LOGIX CONTROL W/CABLE LG.32 P/N 1263718	010	062		
Non visual.	AV036A	1256257	KIT REMOTE LOGIX CONTROL W/TERMINAL BLOCKS P/N 1256257	010	062		
Non visual.	AV023A	1239979	4 PIN CONNECTOR CABLE START 700 SERIES	010	062	•	

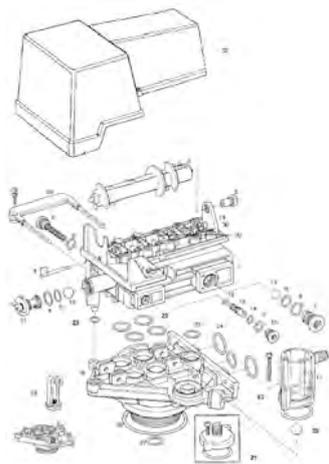


PARTS LIST VALVE 255 D.I.

Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
N.Visual.	AW030	1030933	BACWASH BALL 155 DEMI	010	064	•	
N.Visual.	AW040	1033441	CAP 255 DI P/N 1033442	010	064	•	
N.Visual.	AW041	1034117	INJECTOR A 255 DI P/N 1034117	010	064	•	
N.Visual.	AW042	1034118	INJECTOR B 255 DI P/N 1034118	010	064	•	
N.Visual.	AW043	1034119	INJECTOR C 255 DI P/N 1034119	010	064	•	
N.Visual.	AW044	1033437	BACKWASH 08 255DI P/N 1033437	010	064	•	
N.Visual.	AW045	1033438	BACKWASH 09 255 DI P/N 1033438	010	064	•	
N.Visual.	AW046	1033439	BACKWASH 10 255DI P/N 1033439	010	064	•	
N.Visual.	AW047	1033440	BACKWASH 12 255DI P/N 1033440	010	064	•	
N.Visual.	AW048	1034110	CHECK VALVE 255 DI	010	064	•	
N.Visual.	AW049EP	1034185	EPDM O-RING SET FOR 255 DI VALVE TOP/BOTTOM COUPLING*	010	064	•	
N.Visual.	AW050EP	1033268	KIT OR EPDM 255 DI*	010	064	•	



PARTS LIST VALVE 155



Numero	Ref	P.N.	Description	Fam.	Subfam.	Disp. Stock	
2	AW150	1031950	STANDARD CAMSHAFT ONE PIECE	010	064		
2	AW152	1033025	CANSHAFT XS-LR EXTRA SALT	010	064		
2	AW153	1033026	CAMSHAFT LONG RINSE	010	064		
3	AW146A	1030501	CAMSHAFT BEARING FOR COVER Lid NEW STYLE	010	064		
4	AW185	1031391	TIMER LOCKING PIN	010	064	•	
7	AW014	1000208	REG.CONTROLAVAGGIO 06 CON O-RING	010	064	•	
7	AW100	1000209	BACKWASH CONTROL 07 WITH O-RING	010	064	•	
7	AW101	1000210	BACKWASH CONTROL 08 WITH O-RING	010	064	•	
7	AW102	1000211	BACKWASH CONTROL 09 WITH O-RING	010	064	•	
7	AW103	1000212	BACKWASH CONTROL 10 WITH O-RING	010	064	•	
7	AW104	1000213	BACKWASH CONTROL 12 WITH O-RING	010	064	•	
7	AW105	1000214	BACKWASH CONTROL 13 WITH O-RING	010	064	•	
10	AW139	1030502	FLOW CONTROL BALL	010	064	•	
11	AW110	1034261	BRINE REFILL CONTROL 10 Lbs	010	064	•	
11	AW111	1034263	BRINE REFILL CONTROL 19 Lbs	010	064	•	
12	AW130	1032970	INJECTOR A WHITE WITH O-RING	010	064	•	
12	AW131	1032971	INJECTOR B BLUE WITH O-RING	010	064	•	
12	AW132	1032972	INJECTOR C RED WITH O-RING	010	064	•	
16	AW170	1033784	ADAPTER PRESSURE VESSEL 2.1/2" FOR TUBE 1.05"	010	064	•	
17	AW190	1032417	KIT AIR-CHECK 1/4" MALE	010	064	•	
20	AW025	1033013	VALVE DISCS KIT FOR 155-163-168	010	064	•	
21	AW191	1033066	NEW TO OLD AIR CHECK ADAPTER	010	064	•	
22	AW140	1030528	AIR-CHECK BALL	010	064	•	
23	AW195	1001404	O-RING SET FOR 255 VALVE TOP/BOTTOM COUPLING	010	064	•	
24	AW196	1040459	O-RING SET*	010	064	•	
25	AW175		INOX SCREW 8-32 UNC LG. 75mm	010	064	•	
N.Visual.	AW197		O-RING SET W/SCREWS AND NUTS*	010	064	•	
26	AW172	3029969	O-RING ADAPTER FOR PRESSURE VESSEL 2.1/2"	010	064	•	
27	AW169	3030918	O-RING 1.05"	010	064	•	
28	AW173	1031405	LOCKING BAR	010	064	•	
29	AW174	3030450	TOP PLATE SCREW NO 8x9/16"	010	064	•	
30	AW181	1001580	VALVE DISC SPRING	010	064	•	



Autotrol Valves Series 255 Accessories



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

Ref	Description	Fam.	Subfam.	Disp. Stock	
AV028	BY-PASS 256 KIT BRASS 3/4" GAS*	010	062	•	
AV029	BY-PASS 256 KIT BRASS 1" GAS*	010	062	•	

Ref	Description	Connections in/out	Drain line
AV028	BY-PASS 256 KIT BRASS 3/4" GAS*	3/4"	1/2"
AV029	BY-PASS 256 KIT BRASS 1" GAS*	1"	1/2"

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.	Subfam.	Disp. Stock	
AV013	MANIFOLD KIT NORYL FEMALE 3/4" BSPT*	010	062	•	
AV010	MANIFOLD KIT BRASS FEMALE 3/4" GAS*	010	062	•	
AV011	MANIFOLD KIT BRASS FEMALE 1" GAS*	010	062	•	

Ref	Description	Connections In/Out	Drain line	Material
AV013	MANIFOLD KIT NORYL FEMALE 3/4" BSPT*	3/4"	1/2"	Noryl
AV010	MANIFOLD KIT BRASS FEMALE 3/4" GAS*	3/4"	3/8"	Brass
AV011	MANIFOLD KIT BRASS FEMALE 1" GAS*	1"	1/2"	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.	Subfam.	Disp. Stock	
AV007	MANIFOLD KIT 3/4" GAS BRASS MIXER*	010	062	•	
AV012	MANIFOLD KIT BRASS FEMALE 1" GAS MIXER*	010	062	•	

Ref	Description	Connections in/out	Drain line	Material
AV007	MANIFOLD KIT 3/4" GAS BRASS MIXER*	3/4"	3/8"	Brass
AV012	MANIFOLD KIT BRASS FEMALE 1" GAS MIXER*	1"	1/2"	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.	Subfam.	Disp. Stock	
AV001	MANIFOLD 3/4" MALE WITH TURBINE P/N 1234260	010	062	•	
AV001A	MANIFOLD 255 3/4" BSP MALE NORYL + KIT P/N 1234256	010	062	•	
AV022	MANIFOLD 1" MALE WITH TURBINE + KIT P/N 1234259	010	062	•	
AV022A	MANIFOLD 255 1" BSP MALE NORYL + KIT P/N 1234255	010	062	•	

Ref	Description	Connections in/out	Drain line	Option
AV001	MANIFOLD 3/4" MALE WITH TURBINE P/N 1234260	3/4"	3/4"	With turbine
AV001A	MANIFOLD 255 3/4" BSP MALE NORYL + KIT P/N 1234256	3/4"	3/4"	Without turbine
AV022	MANIFOLD 1" MALE WITH TURBINE + KIT P/N 1234259	1"	1/2"	With turbine
AV022A	MANIFOLD 255 1" BSP MALE NORYL + KIT P/N 1234255	1"	1/2"	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.

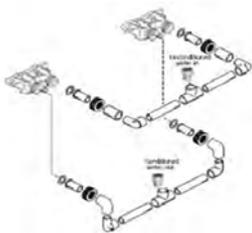


Ref	Description	Fam.	Subfam.	Disp. Stock	
AW145	255 LOGIX SLIM COVER	010	010	•	

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.	Subfam.	Disp. Stock	
AV119	INTERCONNECTION KIT 255/764 TWIN D.32 X 1" FEMALE *	010	062	•	

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.	Subfam.	Disp. Stock	
AV039	BY-PASS 1265 KIT BRASS 1" GAS*	010	062	•	
AV040	BY-PASS KIT 1265 BRASS 1,1/4" GAS*	010	062	•	

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 ¼ "

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.	Subfam.	Disp. Stock	
AV030B	MANIFOLD KIT BRASS MALE 3/4" GAS*	010	062	•	
AV031B	MANIFOLD KIT BRASS MALE " GAS*	010	062	•	
AV032	MANIFOLD KIT PVC D,32	010	062	•	
AV038	MANIFOLD KIT BRASS MALE 1,1/4" GAS*	010	062	•	

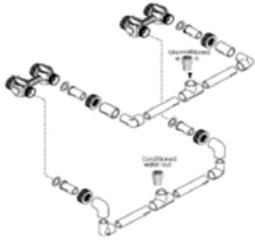
Ref	Description	Raccordi in/out
AV030B	MANIFOLD KIT BRASS MALE 3/4" GAS*	¾
AV031B	MANIFOLD KIT BRASS MALE " GAS*	1"
AV032	MANIFOLD KIT PVC D,32	D.32
AV038	MANIFOLD KIT BRASS MALE 1,1/4" GAS*	1¼"

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





Autotrol Valves Series 278 Accessories



Kit di intercollegamento 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.	Subfam.	Disp. Stock	
AV128	INTERCONNECTION KIT 278/764 TWIN D.32 X 1" FEMALE *	010	062	•	

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.	Subfam.	Disp. Stock	
AV129	INTERCONNECTION KIT 278/764 TWIN D.40 X 1" 1/4 FEMALE *	010	062	•	

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.	Subfam.	Disp. Stock	
CC084	SIDE MOUNT ADAPTER PVC 2" BSPT FEMALE	020	082	•	
CC084A	MAGNUM SIDE MOUNT ADAPTER PVC D.63 MALE TO GLUE	020	082	•	

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.	Subfam.	Disp. Stock	
CC080	MAGNUM 1,5" STAINLESS STEEL ADAPTER KIT BSPT	020	082	•	
CC081	MAGNUM 2" PVC D.50 MM ADAPTER KIT	020	082	•	
CC082	MAGNUM 2" STAINLESS STEEL ADAPTER KIT BSPT	020	082	•	
CC083	MAGNUM 2" PVC D.63 MM ADAPTER KIT	020	082	•	

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.	Subfam.	Disp. Stock	
CC085	UNION D.25 NPT 3/4" PVC-U	020	082	•	

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.	Subfam.	Disp. Stock	
CC086	HOSE CONNECTION D.25 PVC-U TO GLUE	020	082	•	

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

Valves Accessories

Blending kit for Autotrol valves

- 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 witch 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.

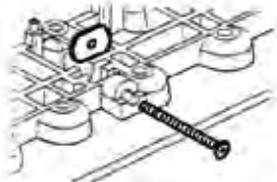


Fig. 1

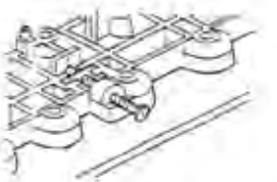


Fig. 2

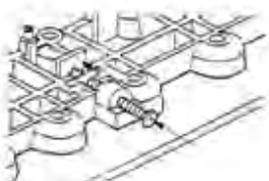


Fig. 3

Ref	Description	Fam.	Subfam.	Disp. Stock	
AV037	BLENDED KIT SCREW FOR 700 SERIES AND 255/400 NEW STYLE	010	062	•	
AV185	MIXING VALVE FOR 366-368 VALVE	010	062	•	

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



Valves Accessories

Twist lock upper screens



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

Ref	Description	Fam.	Subfam.	Disp. Stock	
AV070	UPPER SCREEN 13/16" BAJONET FOR 255	010	062	•	
AV071	UPPER SCREEN 1.05" BAJONET FOR 255,263,268,278	010	062	•	

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.	Subfam.	Disp. Stock	
AV073	UPPER SCREEN 1.05" FOR 163-168	010	062	•	

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.	Subfam.	Disp. Stock	
CF010	UPPER SCREEN D.41.8 MM	020	087	•	
CF013	UPPER SCREEN VALVE 180 DIA 48.3 MM	020	087	•	
CC050	UPPER SCREEN 48.3 MM	020	082	•	
PV407	UPPER SCREEN FOR 4" ADAPTER 1.1/4" TUBE	050	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 3/8" tubing;
- material PP.

Ref	Description	Fam.	Subfam.	Disp. Stock	
AV150	ELBOW FITTING AIR-CHECK 1/4" FEMALE	010	062	•	
AV154	ELBOW FITTING 1/4" FEMALE	010	062	•	

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

Certificates	Manufacturer	Sectors
		Domestic



Fittings for valves

- Jaco Style straight fittings for 3/8" tubing;
- material PP.

Ref	Description	Fam.	Subfam.	Disp. Stock	
AV161	STRIGHT FITTING 1/8" MALE JC 10-6-2 PPG	010	062	•	
AV152	STRAIGHT FITTING 1/4" MALE	010	062	•	
AV153	STRAIGHT FITTING 3/8" MALE	010	062	•	

Certificates	Manufacturer	Sectors
		Domestic



Fittings for valves

- Jaco Style elbow fittings for 3/8" tubing;
- material PP.

Ref	Description	Fam.	Subfam.	Disp. Stock	
AV151	ELBOW FITTING AIR-CHECK 1/4" MALE	010	062	•	
AV159	ELBOW FITTING 3/8" MALE	010	062	•	

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

Certificates	Manufacturer	Sectors
		Domestic



Valves Accessories

Fittings for valves

- Jaco Style bulkhead union for 3/8" tubing;
- material PP.



Ref	Description	Fam.	Subfa m.	Disp. Stock	
AV156	BULKHEAD UNION 3/8"	010	062	•	

Certificates	Manufacturer	Sectors
		Domestic

Fittings for valves

- Jaco Style union elbow for 3/8" tubing;
- material PP.



Ref	Description	Fam.	Subfa m.	Disp. Stock	
AV155	ELBOW FITTING UNION 3/8"	010	062	•	

Certificates	Manufacturer	Sectors
		Domestic

Fittings for valves

- Jaco Style union TEE for 3/8" tubing;
- material PP.



Ref	Description	Fam.	Subfa m.	Disp. Stock	
AV158	UNION TEE 3/8" UNION	010	062	•	

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	010	062	•	
AV171	STRAIGHT DRAIN FITTING 1/2" M	010	062	•	
AV169	STRAIGHT DRAIN FITTING 1/2" FX16	010	062	•	

Certificates	Manufacturer	Sectors
		Domestic



Elbowed drain fittings

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

Ref	Description	Fam.	Subfam.	Disp. Stock	
AV172	ELBOW DRAIN FITTING 3/8" M	010	062	•	
AV173	ELBOW DRAIN FITTING 1/2" M	010	062	•	
AV174	ELBOW DRAIN FITTING 1/2" F	010	062	•	
AV175	ELBOW DRAIN FITTING 3/4" F	010	062	•	

Certificates	Manufacturer	Sectors
		Domestic



Overflow elbows with nut

- material nylon.

Ref	Description	Fam.	Subfam.	Disp. Stock	
AV180	OVERFLOW ELBOW 3/8"	010	062	•	
AV181	OVERFLOW ELBOW 1/2"	010	062	•	

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 diffusers and lower lateral systems;
- to glue;
- in PVC.

Ref	Description	Fam.	Subfam.	Disp. Stock	
AV083	PVC TUBE 13/16" OD L=35"	010	062	•	
AV084	PVC TUBE 13/16" OD L=55"	010	062	•	
AV087	PVC TUBE 1.05" OD L=72"	010	062	•	
AV632	PVC TUBE DIA. 32 MM LG. 2000 MM	022	940	•	
CF012	PVC TUBE D.41.8 L=2000 MM.	020	087	•	
CC052	PVC TUBE DIA 48.3 MM LG. 2000 MM	020	082	•	
CF050	PVC TUBE DIA. 50 MM LG. 2000 MM	022	970	•	
CF063	PVC TUBE DIA. 63 MM LG. 2000 MM	022	970	•	

Ref	Description	Ø (inch)	Ø (mm)	Length. (mm)
AV083	PVC TUBE 13/16" OD L=35"	13/16"	20,6	890
AV084	PVC TUBE 13/16" OD L=55"	13/16"	20,6	1400
AV087	PVC TUBE 1.05" OD L=72"	1,05"	26,7	1830
AV632	PVC TUBE DIA. 32 MM LG. 2000 MM	D32	32,0	2000
CF012	PVC TUBE D.41.8 L=2000 MM.	1¼"	41,8	2000
CC052	PVC TUBE DIA 48.3 MM LG. 2000 MM	1,90"	48,3	2000
CF050	PVC TUBE DIA. 50 MM LG. 2000 MM	D50	50,0	2000
CF063	PVC TUBE DIA. 63 MM LG. 2000 MM	D63	63,0	2000

Certificates	Manufacturer	Sectors
DM174-2004		Domestic, Commercial, Industrial

Diffusors with tube

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

Ref	Description	Fam.	Subfam.	Disp. Stock	
AV116M	RISER TUBE WITH DIFFUSER 1.05" L=17"	010	062	•	
AV117M	RISER TUBE WITH DIFFUSER 1.05" L=35"	010	062	•	
AV103M	RISER TUBE WITH DIFFUSER 1.05" L=55"	010	062	•	
AV104M	RISER TUBE WITH DIFFUSER 1.05" HIGH FLOW L=72"	010	062	•	

Ref	Description	Tube length (inch)
AV116M	RISER TUBE WITH DIFFUSER 1.05" L=17"	17"
AV117M	RISER TUBE WITH DIFFUSER 1.05" L=35"	35"
AV103M	RISER TUBE WITH DIFFUSER 1.05" L=55"	55"
AV104M	RISER TUBE WITH DIFFUSER 1.05" HIGH FLOW L=72"	72"

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.	Subfam.	Disp. Stock	
AV098	LOWER DIFFUSER CONIC 13/16	010	062	•	
AV098A	LOWER DIFFUSER CONIC 1.05"	010	062	•	
AV097	LOWER DIFFUSER 1.05"	010	062	•	

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 diffuser in ABS, diameter 88 mm;
- slots 0,3 mm;
- connection to glue.



Ref	Description	Fam.	Subfam.	Disp. Stock	
PV315	CYLINDRICAL LOWER DIFFUSER D. 1,05*	010	062	•	
CF011	CYLINDRICAL LOWER DIFFUSER DIA. 41,8	020	087	•	
CF014	CYLINDRICAL LOWER DIFFUSER DIA. 48,3 MM TO GLUE	020	087	•	
CC051	CYLINDRICAL LOWER DIFFUSER DIA. 48,3 MM	020	082	•	

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 type-PV402
1	CF014	98	48,3	180 new type
2	CC051	150	48,3	Magnum

Certificates	Manufacturer	Sectors
DM174-2004		Commercial, Industrial

Segmented lower diffusors

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



Ref	Description	Fam.	Subfam.	Disp. Stock	
AV099A	SEGMENTED LOWER DIFFUSER 1.05"	010	062	•	
AV099C	SEGMENTED LOWER DIFFUSER D.32 mm	010	062	•	

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.	Subfam.	Disp. Stock	
PV316	LOWER THREADED LATERAL DIFFUSER FOR 263-268-278 14"-16"	010	062	•	
PV317	LOWER THREADED LATERAL DIFFUSER FOR 263-268-278 18"-21"-24"	010	062	•	
PV318	LOWER THREADED LATERAL DIFFUSER FOR PV402 ADAPTER 14"-16"	020	087	•	
PV319	LOWER THREADED LATERAL DIFFUSER FOR PV402 ADAPTER 18"-21"-24"	020	087	•	
PV320	LOWER THREADED LATERAL DIFFUSER FOR MAGNUM 14"-16"	020	082	•	
PV321	LOWER THREADED LATERAL DIFFUSER FOR MAGNUM 18"-21"-24"	020	082	•	
PV322	LOWER THREADED LATERAL DIFFUSER FOR MAGNUM 30"	020	082	•	
PV323	LOWER THREADED LATERAL DIFFUSER FOR MAGNUM 36"	020	082	•	

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.	Subfam.	Disp. Stock	
PV316B	TWIST LOCK LOWER LATERAL DIFFUSER FOR 263-268-278 14-16"	010	062	•	
PV317B	TWIST LOCK LOWER LATERAL DIFFUSER FOR 263-268-278 18-21-24"	010	062	•	
PV318B	TWIST LOCK LOWER LATERAL DIFFUSER FOR PV102 14-16"	010	062	•	
PV319B	TWIST LOCK LOWER LATERAL DIFFUSER FOR PV102 18-21-24"	010	062	•	
PV320B	TWIST LOCK LOWER LATERAL DIFFUSER FOR MAGNUM 14-16"	010	062	•	
PV321B	TWIST LOCK LOWER LATERAL DIFFUSER FOR MAGNUM 18-21-24"	010	062	•	
PV322B	TWIST LOCK LOWER LATERAL DIFFUSER FOR MAGNUM 30"	010	062	•	
PV323B	TWIST LOCK LOWER LATERAL DIFFUSER FOR MAGNUM 36"	010	062	•	
PV320B50	TWIST LOCK LOWER LATERAL DIFFUSER FOR D.50 TUBE 14-16"	010	062	•	
PV321B50	TWIST LOCK LOWER LATERAL DIFFUSER FOR D.50 TUBE 18-21-24"	010	062	•	
PV322B50	TWIST LOCK LOWER LATERAL DIFFUSER FOR D.50 TUBE 30"	010	082	•	
PV323B50	TWIST LOCK LOWER LATERAL DIFFUSER FOR D.50 TUBE 36"	010	082	•	

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 3/8".



Ref	Description	Fam.	Subfam.	Disp. Stock	
AV118	DIFFUSER FORE BRINE TUBE 3/8" OD	010	062	•	
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 3/8" PVC tube length 42".



Ref	Description	Fam.	Subfam.	Disp. Stock	
AV090M	MESH TYPE SCREEN W/TUBE 3/8" L=42*	010	062	•	
Box: WxLxH	Box: Q.ty	Box: Weight	Pallet: WxLxH	Pallet: Q.ty	Pallet: Weight
Certificates		Manufacturer	Sectors		
			Domestic		

Mesh type screen for brine

- For 3/8" tube to glue.



Ref	Description	Fam.	Subfam.	Disp. Stock	
AV075	MESH TYPE SCREEN FOR BRINE 3/8" OD	010	062	•	
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 3/8" (= 9,52 mm) diameter;
- transparent;
- hanks of 30 m.

Ref	Description	Fam.	Subfam.	Disp. Stock
AV140	POLYETILENE 3/8" ROLL 30 MT	010	062	•

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

Certificates	Manufacturer	Sectors
DM174-2004		Domestic



J-tube air-check with tube

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

Ref	Description	Fam.	Subfam.	Disp. Stock
AV093M	J-TUBE W/AIR CHECK 3/8" L=42"	010	062	•
CC064M	J-TUBE W/AIR CHECK 3/4" W/TUBE L=1200 MM	010	062	•

Ref	Description	Tube diameter (inch)	Lenght (mm)
AV093M	J-TUBE W/AIR CHECK 3/8" L=42"	3/8"	1060
CC064M	J-TUBE W/AIR CHECK 3/4" W/TUBE L=1200 MM	3/4"	1200

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

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 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.	Subfam.	Disp. Stock	
AV096	BRINE VALVE KIT 464 STANDARD W/TUBE 3/8" OD X L=42"*	010	062	•	
AV125	464 HIGH FLOW BRINE VALVE WITH TUBE 3/8" OD X Lg 42"*	010	062	•	

Ref	Description	Refill flow rate (l/min) @ 3,5 bar
AV096	BRINE VALVE KIT 464 STANDARD W/TUBE 3/8" OD X L=42"*	1,3
AV125	464 HIGH FLOW BRINE VALVE WITH TUBE 3/8" OD X Lg 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 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.	Subfam.	Disp. Stock	
CC059	484 BRINE VALVE 3/4"*	020	082	•	

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.	Subfam.	Disp. Stock	
FVA060067-03	SBV 2310 - BRINE VALVE WITHOUT AIR CHECK	023	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 25°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.	Subfam.	Disp. Stock	
PV400	ADAPTER 2.1/2" IN/OUT 3/4" GAS F W/PLUG	050	240	•	
PV401	ADAPTER 2.1/2" IN/OUT 3/4" GAS F	050	240	•	
PV402	ADAPTER 4" IN/OUT 1.1/4"GAS F W/PLUG	050	240	•	

Ref	Option plug	Rise tube diameter	Max flow rate suggested	Fit threaded tanks
PV400	½"on outlet	1,05"	2,5 m3/h	2 ½"8NPSM
PV401	no plug	1,05"	2,5 m3/h	2 ½"8NPSM
PV402	½"on outlet	1 ¼"	6,0 m3/h	4"-8UN



- PP molded heads for tank with connection threaded 2 ½" - 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.	Subfam.	Disp. Stock	
PV409	ADAPTER 2 1/2" MOULDED IN/OUT 3/4" NPT	050	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 ¾" connection, probe constant K=5;
- with reduction in PVC M/F ½" x ¾";
- 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.	Subfam.	Disp. Stock	
PV425	RESILIGHT 1.5 - 200 MICROSIEMENS/CM W/CONDUCTIVITY PROBE	050	242	•	

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

Certificates	Manufacturer	Sectors
CE	MWG	Industrial



Valves Accessories

Chlorgen Chlorin Generator



- Positive, reliable and economical method of chlorine generation;
- n.1 Titanium Probe for chlorine generation, n.1 TEE 3/8" connection and n.2 Jaco straight fitting for 3/8" x 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.	Subfam.	Disp. Stock	
AX210	CHLORGEN KIT W/PROBE AND FITTINGS	010	070	•	

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.	Subfam.	Disp. Stock	
AX040	KIT CHLORINE GENERATOR 255/268 LOGIX	010	070	•	

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.	Subfam.	Disp. Stock	
AV200	HARDNESS KIT TESTING INDICATOR + TITRANT	010	066	•	
AV203	6 BLISTERS PACK INDICATOR 15 ML	010	066	•	
AV204	6 BLISTERS PACK TITRANT 15 ML	010	066	•	

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.	Subfam.	Disp. Stock	
AV202	HARDNESS KIT TESTING SINGLE REAGENT 2 BLISTER	010	066	•	
AV207	HARDNESS KIT TESTING SINGLE REAGENT 2 BLISTER GERMAN	010	066	•	

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.	Subfam.	Disp. Stock	
AV201	HARDNESS KIT TESTING SINGLE REAGENT 1 BLISTER	010	066	•	
AV206	HARDNESS KIT TESTING SINGLE REAGENT 1 BLISTER GERMAN	010	066	•	

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.	Subfam.	Disp. Stock	
AV205	CHLORINE TESTING KIT O-TOL 0,1-1,5 PPM P/N 1011	010	066	•	

Ref	Range (ppm Cl ₂)	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.	Subfam.	Disp. Stock	
AV208	DPD CHLORINE KIT	010	066	•	
AV220	DPD CHLORINE COLORTTEST KIT	010	066	•	

Ref	Sample	Range (ppm Cl ₂)	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

Ammoniac 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.	Subfam.	Disp. Stock	
AV209	AMMONIA KIT	010	066	•	
AV221	INDOPHENOL AMMONIA COLORTTEST KIT	010	066	•	

Ref	Range (ppm NH ₃)	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.	Subfam.	Disp. Stock	
AV210	IRON KIT	010	066	•	
AV222	HIGH IRON COLORTEST KIT	010	066	•	

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.	Subfam.	Disp. Stock	
AV211	MANGANESE KIT	010	066	•	
AV223	MANGANESE COLORTEST KIT	010	066	•	

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



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.	Subfam.	Disp. Stock	
AV212	NITRATES KIT	010	066	•	
AV224	NITRATES COLORTEST KIT	010	066	•	

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.	Subfam.	Disp. Stock	
AV213	PH 1-11 KIT	010	066	•	

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.	Subfam.	Disp. Stock	
AV214	SULPHATE KIT	010	066	•	

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 $K_v = 1,08$;
- Backwash flow rate $K_v = 0,50$;
- Resin volume range = $5 \div 40$ 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.

Ref	Description	Fam.	Subfam.	Disp. Stock	
RF65B1	VALV. AUT. SOFT. F65B1 (63502) CHRON. 3/4" DF	022	930	•	
RF65D1	VALV. AUT. SOFT. F65D1 (62502) CHRON. 3/4" DF	022	930	•	
RF65D1/F70B	VALV. AUT. SOFT. F65D1 (62502) CHRON. 3/4" DF WITH BYPASS F70B	022	930	•	
RF65D3/F70BL	VALV. AUT. SOFT. F65D3 (62602) VOL. 3/4" DF WITH BYPASS F70BL	022	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)
Water Temperature	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.	Subfam.	Disp. Stock	
RF70B	BYPASS FOR F65 AND F69 VALVES - 41102	022	940	•	
RF70BL	BYPASS WITH TURBINE FOR F65 AND F69 VALVES - 41102L	022	940	•	
RF09959	FLOATING VALVE 35"	022	940	•	

Spare parts

Ref	Description	Fam.	Subfam.	Disp. Stock	
RF09967	EUROPEAN POWER ADAPTER FOR RUNXIN RES. VALVE	022	940	•	
RFP9999	UPPER SCREEN 3/4" BAJONET FOR VALVE RUNXIN	022	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 $K_v = 1,14$; Backwash flow rate $K_v = 0,5$;
- Resin volume range = $5 \div 40$ 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.	Subfam.	Disp. Stock	
RF79B-LCD	VALV. AUT.SOFT. F79B-LCD (83602B) VOL. 3/4" DF/UF	022	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)
Water Temperature	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.	Subfam.	Disp. Stock	
RF70D	BYPASS FOR F79 VALVE - 41202	022	940	•	

Spare parts

Ref	Description	Fam.	Subfam.	Disp. Stock	
RF09962	O-R CONNECTOR 3/4" FOR FLOW METER FOR RF79B-LCD VALVE	022	940	•	
RF09963	CONNECTOR 3/4" FLOW METER FOR RF79B-LCD VALVE W/O O-RING - 8458026	022	940	•	
RF09964	ELECTRONIC CONTROL BOARD FOR RF79B-LCD VALVE	022	940	•	
RF09965	ELECTRONIC POSITIONING BOARD FOR RF79B-LCD VALVE	022	940	•	
RF09966	ELECTRONIC BOARD FOR DISPLAY RF79B-LCD VALVE	022	940	•	
RF09967	EUROPEAN POWER ADAPTER FOR RUNXIN RES. VALVE	022	940	•	
RF09968	TURBINE FLOW METER FOR RF79B-LCD	022	940	•	
RF09969	SEMI-TRANSPARENT COVER FOR RF79B-LCD VALVE	022	940	•	
RF09970	PIPE CONNECTION 3/4" FOR RF79B-LCD VALVE	022	940	•	
RFP9999	UPPER SCREEN 3/4" BAJONET FOR VALVE RUNXIN	022	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.	Subfam.	Disp. Stock	
RF69C	VALV. SEMIAUT. SOFT. F69C (70002) CHRON. 3/4" UF	022	935	•	
RF69P1Y	VALV. AUT. SOFT. F69P1Y (73502PY) CHRON. 3/4" UF	022	930	•	
RF69P3Y	VALV. AUT. SOFT. F69P3Y (73602PY) VOL. 3/4" UF	022	935	•	
RF69P3Y/F70BL	VALV. AUT. SOFT. F69P3Y (73602PY) VOL. 3/4" UF WITH BYPASS F70BL	022	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)
Water Temperature	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.	Subfam.	Disp. Stock	
RF70B	BYPASS FOR F65 AND F69 VALVES - 41102	022	940	•	
RF70BL	BYPASS WITH TURBINE FOR F65 AND F69 VALVES - 41102L	022	940	•	
RF09960	USB PROGRAMMER FOR RF69C VALVES	022	940	•	

Spare parts

Ref	Description	Fam.	Subfam.	Disp. Stock	
RF09967	EUROPEAN POWER ADAPTER FOR RUNXIN RES. VALVE	022	940	•	
RFP9999	UPPER SCREEN 3/4" BAJONET FOR VALVE RUNXIN	022	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 $K_v = 2,33$;
- Backwash flow rate $K_v = 0,88$;
- Resin volume range = $45 \div 100$ 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.	Subfam.	Disp. Stock	
RF73A	VALV. AUT. SOFT. F73A (17603) VOL. 1" DF/UF - ONE ON DUPLEX TANKS	022	935	•	

Characteristics:	
Tank size	10" ÷ 14"
Connections In/Out	Threaded 1" male
Pressure vessel connection	Threaded 2 1/2" - 8 UN male
Drain line connection	Threaded 3/4" male
Brine line connection	Threaded 3/8" BSPT male
Distributor tube O. D. diameter	1,05" (= 27 mm)
Water Temperature	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.	Subfam.	Disp. Stock	
RF09967	EUROPEAN POWER ADAPTER FOR RUNXIN RES. VALVE	022	940	•	
RFP9999	UPPER SCREEN 3/4" BAJONET FOR VALVE RUNXIN	022	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.	Subfam.	Disp. Stock	
RF63B1	VALV. AUT. SOFT. F63B1 (63504S) CHRON. 1" DF	022	930	•	
RF63D1	VALV. AUT. SOFT. F63D1 (62504) CHRON. 1" DF	022	930	•	
RF63P1Y	VALV. AUT. SOFT. F63P1Y (63504PY) CHRON. 1" DF	022	930	•	
RF63B3	VALV. AUT. SOFT. F63B3 (63604S) VOL. 1" DF	022	935	•	
RF63C3	VALV.AUT.SOFT.F63C3 (63604) VOL. 1" DF	022	935	•	
RF63C3/F70AL	VALV.AUT.SOFT.F63C3 (63604) VOL. 1!" DF WITH BYPASS F70AL	022	935	•	
RF63D3	VALV. AUT. SOFT. F63D3 (62604H) VOL. 1" DF	022	935	•	
RF63D3/F70AL	VALV. AUT. SOFT. F63D3 (62604H) VOL. 1" DF WITH BYPASS F70AL	022	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)
Water Temperature	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.	Subfam.	Disp. Stock	
RF70A	BYPASS FOR F63 AND F68 VALVES - 2974001	022	940	•	
RF70AL	BYPASS WITH TURBINE FOR F63 AND F68 VALVES - 2974013	022	940	•	

Spare parts

Ref	Description	Fam.	Subfam.	Disp. Stock	
RF09967	EUROPEAN POWER ADAPTER FOR RUNXIN RES. VALVE	022	940	•	
RFP9999	UPPER SCREEN 3/4" BAJONET FOR VALVE RUNXIN	022	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.	Subfam.	Disp. Stock	
RF82B-LCD	VALV. AUT. SOFT. F82B-LCD (82604B) VOL. 1" DF/UF	022	935	•	
RF82B-LCD/F70CL	VALV. AUT. SOFT. F82B-LCD (82604B) VOL. 1" DF/UF WITH BYPASS F70CL	022	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)
Water Temperature	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.	Subfam.	Disp. Stock	
RF70CL	BYPASS WITH TURBINE FOR F63 F68 F82 VALVES - 2974015	022	940	•	

Spare parts

Ref	Description	Fam.	Subfam.	Disp. Stock	
RF09967	EUROPEAN POWER ADAPTER FOR RUNXIN RES. VALVE	022	940	•	
RFP9999	UPPER SCREEN 3/4" BAJONET FOR VALVE RUNXIN	022	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 $K_v = 3,13$;
- Backwash flow rate $K_v = 1,25$;
- 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.	Subfam.	Disp. Stock	
RF68C3/F70AL	VALV. AUT. SOFT. F68C3 (73604) VOL. 1" UF WITH BYPASS F70AL	022	935	•	
RF68P3Y/F70AL	VALV. AUT. SOFT. F68P3Y VOL. 1" UF WITH BYPASS F70AL	022	935	•	
RF68P3Y/F70CL	VALV.AUT.SOFT.F68P3Y VOL. 1" UF WITH BYPASS 70CL	022	935	•	

Characteristics	
Tank size	10" ÷ 18"
Connections In/Out	Threaded 1" 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)
Water Temperature	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.	Subfam.	Disp. Stock	
RF70AL	BYPASS WITH TURBINE FOR F63 AND F68 VALVES - 2974013	022	940	•	
RF70CL	BYPASS WITH TURBINE FOR F63 F68 F82 VALVES - 2974015	022	940	•	

Spare parts

Ref	Description	Fam.	Subfam.	Disp. Stock	
RF09967	EUROPEAN POWER ADAPTER FOR RUNXIN RES. VALVE	022	940	•	
RFP9999	UPPER SCREEN 3/4" BAJONET FOR VALVE RUNXIN	022	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 $K_v = 4,77$;
- Backwash flow rate $K_v = 1,35$;
- Resin volume range = $120 \div 300$ 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.	Subfam.	Disp. Stock	
RF92A-LED	VALV. AUT. SOFT. F92A-LED (73605) VOL. 1" UF	022	935	•	

Characteristics	
Tank size	16" ÷ 24"
Connections In/Out	Threaded 1" 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	32 mm
Water Temperature	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.	Subfam.	Disp. Stock	
RF09967	EUROPEAN POWER ADAPTER FOR RUNXIN RES. VALVE	022	940	•	
RF09949	UPPER SCREEN 32 MM FOR RUNXIN VALVES - 6939003	022	940	•	



Runxin Residential Valves Accessories

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

Specific accessories

Ref	Description	Fam.	Subfam.	Disp. Stock	
RF06801	INJECTOR BROWN + DLFC FOR RUNXIN VALVES - 6801	022	940	•	
RF06802	INJECTOR PINK + DLFC FOR RUNXIN VALVES - 6802	022	940	•	
RF06803	INJECTOR YELLOW + DLFC FOR RUNXIN VALVES - 6803	022	940	•	
RF06804	INJECTOR BLUE + DLFC FOR RUNXIN VALVES - 6804	022	940	•	
RF06805	INJECTOR WHITE + DLFC FOR RUNXIN VALVES - 6805	022	940	•	
RF06806	INJECTOR BLACK + DLFC FOR RUNXIN VALVES - 6806	022	940	•	
RF06807	INJECTOR PURPLE + DLFC FOR RUNXIN VALVES - 6807	022	940	•	
RF06808	INJECTOR RED + DLFC FOR RUNXIN VALVES - 6808	022	940	•	
RF06809	INJECTOR GREEN FOR RUNXIN VALVES - 6809	022	940	•	
RF06810	INJECTOR ORANGE FOR RUNXIN VALVES - 6810	022	940	•	
RF06301	INJECTOR BROWN + DLFC #1 FOR RUNXIN VALVES - 6301	022	940		
RF06302	INJECTOR PINK + DLFC #1 FOR RUNXIN VALVES - 6302	022	940		
RF06303	INJECTOR YELLOW+DLFC #2 FOR RUNXIN VALVES - 6303	022	940		
RF06304	INJECTOR BLUE + DLFC #2 FOR RUNXIN VALVES - 6304	022	940		
RF06305	INJECTOR WHITE + DLFC #3 FOR RUNXIN VALVES - 6305	022	940		
RF06306	INJECTOR BLACK +DLFC #3 FOR RUNXIN VALVES - 6306	022	940		
RF06307	INJECTOR PURPLE +DLFC #4 FOR RUNXIN VALVES - 6307	022	940		
RF06308	INJECTOR RED + DLFC #4FOR RUNXIN VALVES - 6308	022	940		
RF06309	INJECTOR GREEN + DLFC #5 FOR RUNXIN VALVES - 6309	022	940		
RF06310	INJECTOR ORANGE + DLFC #5 FOR RUNXIN VALVES - 6310	022	940		
RF09995	SERVICE WRENCH FOR RUNXIN VALVES - 8484003	022	940	•	
RF47010	RUNXIN CHLORINATOR FOR VALVE F79, F82 AND FOR VALVES D SERIES	022	940	•	
RF09998	SPACER 2.5" M/F W/ O-RING AND WRENCH	022	940	•	
RF09997	SPANNER FOR SPACER RF09998	022	940	•	
RF09971	ENGLISH POWER ADAPTER FOR RF79B-LCD VALVE	022	940	•	
RF43010	BRINE WELL DIAM. 60 MM H 396 MM W/FLOATING VALVE	045	230	•	
RF43011	BRINE WELL DIAM. 60 MM H 308 MM W/FLOATING VALVE	045	230	•	
RF09922	INTERLOCK WIRE FOR RUNXIN VALVES F63(68)C - F63(65-68)P	022	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.	Subfam.	Disp. Stock	
RF74A3	VALV. AUT. SOFT. F74A3 (63610) VOL. 2" DF	027	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
Water Temperature	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.	Subfam.	Disp. Stock	
RF09974	EUROPEAN POWER ADAPTER FOR RUNXIN IND.VALVES	027	970	•	
RF09950	UPPER SCREEN 50 MM FOR RUNXIN VALVES	027	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.	Subfam.	Disp. Stock	
RF99A1	VALV. AUT. SOFT. F99A1 (63515) CHRON. 2" UF	027	960	•	
RF99A3	VALV. AUT. SOFT. F99A3 (63615) VOL. 2" UF	027	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 3/4" BSPT male
Distributor tube O. D. diameter	50 mm
Water Temperature	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.	Subfam.	Disp. Stock	
RF09974	EUROPEAN POWER ADAPTER FOR RUNXIN IND.VALVES	027	970	•	
RF09950	UPPER SCREEN 50 MM FOR RUNXIN VALVES	027	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.	Subfam.	Disp. Stock	
RF111A1	VALV. AUT. SOFT. F111A1 (63520) CHRON. 2" DF	027	960	•	
RF111A3	VALV. AUT. SOFT. F111A3 (63620) VOL. 2" DF	027	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
Water Temperature	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.	Subfam.	Disp. Stock	
RF09974	EUROPEAN POWER ADAPTER FOR RUNXIN IND.VALVES	027	970	•	
RF09951	UPPER SCREEN 63 MM FOR RUNXIN VALVES	027	970	•	

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

Ref	Description	Fam.	Subfam.	Disp. Stock	
RF07401	INJECTOR BROWN + DLFC FOR RUNXIN VALVES - 7401	027	970	•	
RF07402	INJECTOR PINK + DLFC FOR RUNXIN VALVES - 7402	027	970	•	
RF07403	INJECTOR YELLOW + DLFC FOR RUNXIN VALVES - 7403	027	970	•	
RF07404	INJECTOR BLUE + DLFC FOR RUNXIN VALVES - 7404	027	970	•	
RF07701	INJECTOR BROWN FOR RUNXIN VALVES - 7701	027	970	•	
RF07702	INJECTOR PINK FOR RUNXIN VALVES - 7702	027	970	•	
RF07703	INJECTOR YELLOW FOR RUNXIN VALVES - 7703	027	970	•	
RF07704	INJECTOR BLUE FOR RUNXIN VALVES - 7704	027	970	•	
RF07705	INJECTOR WHITE FOR RUNXIN VALVES - 7705	027	970	•	
RF09995	SERVICE WRENCH FOR RUNXIN VALVES - 8484003	022	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.	Subfam.	Disp. Stock	
RF75A	VALV.AUT.FILTER F75A 2"	027	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
Water Temperature	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.	Subfam.	Disp. Stock	
RF09974	EUROPEAN POWER ADAPTER FOR RUNXIN IND.VALVES	027	970	•	
RF09950	UPPER SCREEN 50 MM FOR RUNXIN VALVES	027	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) @ Δp = 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.	Subfam.	Disp. Stock	
RF64B	VALV. MANUAL SOFT. F64B (61202) 3/4" DF	022	950	•	
RF64BC	VALV. MANUAL SOFT. F64BC (61202C) 3/4" DF - SIDE CONTROL	022	950	•	
RF64C	VALV. MANUAL ADDOLC. F64C (71202) 3/4" UF	022	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 ADDOLC. 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) @ Δp = 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.	Subfam.	Disp. Stock	
RF64A1	VALV. MANUAL SOFT. F64A (61104) 1"DF - METAL HANDLE	022	950	•	
RF64A2	VALV. MANUAL SOFT. F64A (61204) 1"DF - PLASTIC HANDLE	022	950	•	
RF64AC	VALV. MANUAL SOFT. F64AC (61204C) 1"DF - SIDE CONTROL	022	950	•	

Ref	Description	Mounting
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.	Subfam.	Disp. Stock	
PV410	MULTI-WAY MANUAL VALVE 2.5" IN/OUT AND DRAIN W/UPPER SCREEN 1.05"	050	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) @ Δp = 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.	Subfam.	Disp. Stock	
RF56D1	VALV. MANUAL FILTER F56D1 (51110) 2"F - METAL HANDLE	022	980	•	
RF56D2	VALV. MANUAL FILTER F56D2 (51210) 2"F - PLASTIC HANDLE	022	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.	Subfam.	Disp. Stock	
FV460MC-600	FLECK VALV. 4600/1600 12 DAYS 0-1,2-0,25	023	505		
FV460MC-601	FLECK VALV. 4600/1600 12 DAYS 1-1,5-0,25 HW	023	505		
FV460MC-602	FLECK VALV. 4600/1600 12 DAYS 0-1,2-0,25 LWU HW	023	505		
FV460MC-603	FLECK VALV. 4600/1600 12 DAYS 0-1,2-0,25 LWU	023	505		
FV460MR-600	FLECK VALV. 4600/1600 3/4" ECOBYPASS 8 M3 0-1,2-0,25 HW	023	505		
FV460MR-601	FLECK VALV. 4600/1600 3/4" ECOBYPASS 8 M3 1-1,5-0,25 HW	023	505		
FV460MR-602	FLECK VALV. 4600/1600 3/4" ECOBYPASS 8 M3 0-1,2-0,25 LWU HW	023	505		
FV460MR-603	FLECK VALV. 4600/1600 3/4" ECOBYPASS 8 M3 1-1,5-0,25 LWU HW	023	505		
FV460MR-604	FLECK VALV. 4600/1600 3/4" METER 8 M3 0-1,2-0,25 LWU	023	505		
FV460MR-605	FLECK VALV. 4600/1600 3/4" METER 8 M3 1-1,5-0,25 LWU	023	505		
FV460SC-600	FLECK VALV. 4600/1600 SXT 0-1,2-0,25 HW	023	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.	Subfam.	Disp. Stock	
FVA13398-10	1" BSP F BRASS YOKE FOR 5800, 9000 AND 9100 VALVES	023	590		
FVA18706-10	1" BSP M PLASTIC YOKE FOR 5800, 9000 AND 9100 VALVES	023	590		
FVA24689	3/4" BSP M BRASS YOKE FOR 5800, 9000 AND 9100 VALVES	023	590		
FVA18706-12	3/4" BSP M PLASTIC YOKE FOR 5800, 9000 AND 9100 VALVES	023	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.	Subfam.	Disp. Stock	
FV560MC-600	FLECK VALV. 5600/1600 12 DAYS 0-1,2-0,25 LWU	023	500		
FV560MC-601	FLECK VALV. 5600/1600 12 DAYS 1-1,5-0,25	023	500		
FV560MC-602	FLECK VALV. 5600/1600 12 DAYS 2-3,5-0,5	023	500		
FV560MC-603	FLECK VALV. 5600 FILTER 12 DAYS 7 GPM MW	023	500		
FV560MR-601	FLECK VALV. 5600/1600 3/4" METER 8 M3 1-1,5-0,25	023	500		
FV560MR-602	FLECK VALV. 5600/1600 3/4" METER 40 M3 2-3,5-0,5	023	500		
FV560MR-603	FLECK VALV. 5600/1600 3/4" METER 8 M3 0-1,2-0,25 LWU	023	500		
FV560SC-600	FLECK VALV. 5600/1600 SXT 0-1,2-0,25	023	500		
FV560SC-601	FLECK VALV. 5600/1600 SXT 1-1,5-0,25	023	500		
FV560SR-600	FLECK VALV. 5600/1600 SXT 3/4" TURBINE 0-1,2-0,25	023	500		
FV560SR-601	FLECK VALV. 5600/1600 SXT 3/4" TURBINE 1-1,5-0,25	023	500		
FV560SR-602	FLECK VALV. 5600/1600 SXT 3/4" TURBINE 2-3,5-0,5	023	500		
FV560SR-603	FLECK VALV. 5600/1600 SXT 3/4" TURBINE 1-2,4-0,25	023	500		

Characteristics	
Tank size (recommended):	Softening System = 6" ÷ 12"
In/Out Connections	Threaded 3/4" or 1" BSP
Pressure vessel connection	Threaded 2,5" - 8 UN male
Drain line connection	Threaded 1/2" NPT or BSP
Brine line connection (1600)	Threaded 3/8"
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)	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.	Subfam.	Disp. Stock	
FVA13398-10	1" BSP F BRASS YOKE FOR 5800, 9000 AND 9100 VALVES	023	590		
FVA18706-10	1" BSP M PLASTIC YOKE FOR 5800, 9000 AND 9100 VALVES	023	590		
FVA24689	3/4" BSP M BRASS YOKE FOR 5800, 9000 AND 9100 VALVES	023	590		
FVA18706-12	3/4" BSP M PLASTIC YOKE FOR 5800, 9000 AND 9100 VALVES	023	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 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.	Subfam.	Disp. Stock	
FV580LC-001	FLECK VALV. 5800/1600 LXT DF 000-1,5-0,125	023	510		
FV580LR-001	FLECK VALV. 5800/1600 LXT DF 3/4" TURBINE 000-1,5-0,125	023	510		
FV580LR-002	FLECK VALV. 5800/1600 LXT UF 3/4" TURBINE 000-1,5-0,125	023	510		
FV580LC-002	FLECK VALV. 5800/1600 LXT UF 000-1,5-0,125	023	510		
FV580LC-003	FLECK VALV. 5800 FILTER LXT 7 GPM	023	510		
FV580SC-001	FLECK VALV. 5800/1600 SXT DF 1-1,5-0,25	023	510		
FV580SR-001	FLECK VALV. 5800/1600 SXT DF 3/4" TURBINE 1-1,5-0,25	023	510		
FV580SR-002	FLECK VALV. 5800/1600 SXT DF 3/4" TURBINE 0-1,2-0,25	023	510		
FV580SR-003	FLECK VALV. 5800/1600 SXT UF 3/4" TURBINE 00-1,2-0,125	023	510		
FV580SC-003	FLECK VALV. 5800/1600 SXT UF 00-1,2-0,125	023	510		
FV580SC-004	FLECK VALV. 5800 FILTER SXT 7 GPM	023	510		
FV580XC-001	FLECK VALV. 5800/1600 XTR DF 1-1,5-0,25	023	510		
FV580XR-001	FLECK VALV. 5800-1600 XTR DF 3/4" TURBINE 1-1,5-0,25	023	510		
FV580XR-002	FLECK VALV. 5800/1600 XTR UF 3/4" TURBINE 00-1,2-0,25	023	510		
FV580XC-003	FLECK VALV. 5800 FILTER XTR 7 GPM	023	510		

Characteristics	
Tank size (recommended):	Softening System = 6" ÷ 16" Filter = 8" ÷ 16"
In/OutConnections	Threaded ¾ or 1,5" BSP to order separately
Pressure vessel connection	Threaded 2,5" - 8 UN male
Drain line connection	Threaded ½" or 1" NPT
Brine line connection (1600)	Threaded ¾"
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.	Subfam.	Disp. Stock	
FVA13398-10	1" BSP F BRASS YOKE FOR 5800, 9000 AND 9100 VALVES	023	590		
FVA18706-10	1" BSP M PLASTIC YOKE FOR 5800, 9000 AND 9100 VALVES	023	590		
FVA24689	3/4" BSP M BRASS YOKE FOR 5800, 9000 AND 9100 VALVES	023	590		
FVA18706-12	3/4" BSP M PLASTIC YOKE FOR 5800, 9000 AND 9100 VALVES	023	590		
FVAP80	P80 EMULSION TEMPORARY RUBBER ASSEMBLY LUBRICANT 10 ML TUBE	023	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.	Subfam.	Disp. Stock	
FV5810SC-001	FLECK VALV. 5810 SXT FILTER 158 GPM - 32 MM DISTRIB. ADAPTER	023	512		
FV5810SC-002	FLECK VALV. 5810/1610 sxt #1 inj blfc 0.50 gpm - 1,05" DISTRIB. ADAPTER	023	512		
FV5810SR-001	FLECK VALV. 5810/1610 sxt #1 inj blfc 0.50 gpm - 1,05" DISTRIB. ADAPTER	023	512		
FV5810SR-002	FLECK VALV. 5810/1610 SXT 1.25" INTEGRAL TURB. #4 INJ BLFC 0.50 GPM 32	023	512		
FV5810XC-001	FLECK VALV. 5810/1610 XTR #1 INJ BLFC 0.50 GPM 1.05" DISTRIB. ADAPTER	023	512		
FV5810XC-002	FLECK VALV. 5810/1610 XTR #4 INJ BLFC 0.50 GPM 32 MM DISTRIB. ADAPTER	023	512		
FV5810XR-001	FLECK VALV. 5810/1610 XTR 1.25" INTEGRAL TURB. #1 INJ BLFC 0.50 GPM	023	512		
FV5810XR-002	FLECK VALV. 5810/1610 XTR 1.25" INTEGRAL TURB. #4 INJ BLFC 0.50 GPM	023	512		
FV5810XR-003	FLECK VALV. 5810/1610 XTR 1.25" INTEGRAL TURB. UF #0 INJ BLFC 0.50 GPM	023	512		

Characteristics	
Tank size (recommended):	Softening System = 8" ÷ 21" Filter = 8" ÷ 21"
Connections di Ingresso / Uscita	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 ⅜"
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.	Subfam.	Disp. Stock	
FVA28764	TOP DISTRIBUTOR 32 MM FOR 5810 VALVE	023	590		
FVA28511-01	TOP DISTRIBUTOR 1,05" FOR 5810 FILTER VALVE	023	590		
FVA28511	TOP DISTRIBUTOR 1,05" FOR 5810 SOFTENING VALVE	023	590		
FVA61991-02	CONNECTOR ASSY 1" BSP FOR 5810 VALVE	023	590		
FVA61991-04	CONNECTOR ASSY 1 1/4" BSP FOR 5810 VALVE	023	590		
FVA61991-09	CONNECTOR ASSY 1 1/2" BSP FOR 5810 VALVE	023	590		
FVA28386-ALL	DLFC KIT 1" BSP 10 TO 25 GPM FOR VALVE 5810	023	590		
FVA28385-1.2	DLFC 3/4" BSP ELBOW 1.2 GPM FOR VALVE 5810	023	590		
FVA28385-1.5	DLFC 3/4" BSP ELBOW 1.5 GPM FOR VALVE 5810	023	590		
FVA28385-2	DLFC 3/4" BSP ELBOW 2 GPM FOR VALVE 5810	023	590		
FVA28385-2.4	DLFC 3/4" BSP ELBOW 2.4 GPM FOR VALVE 5810	023	590		
FVA28385-3	DLFC 3/4" BSP ELBOW 3 GPM FOR VALVE 5810	023	590		
FVA28385-3.5	DLFC 3/4" BSP ELBOW 3.5 GPM FOR VALVE 5810	023	590		
FVA28385-4	DLFC 3/4" BSP ELBOW 4 GPM FOR VALVE 5810	023	590		
FVA28385-5	DLFC 3/4" BSP ELBOW 5 GPM FOR VALVE 5810	023	590		
FVA28385-7	DLFC 3/4" BSP ELBOW 7 GPM FOR VALVE 5810	023	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.	Subfam.	Disp. Stock	
FV900SI-600	FLECK VALV. 9000/1600 SXT 3/4" METER 0-1,2-0,25	023	515		
FV900SI-601	FLECK VALV. 9000/1600 SXT 3/4" METER 1-1,5-0,25	023	515		
FV900SI-602	FLECK VALV. 9000/1600 SXT 3/4" METER 1-2,4-0,5	023	515		
FV900SI-603	FLECK VALV. 9000/1600 SXT 3/4" METER 1-2,4-0,5 WITH MS ENG PLUG	023	515		
FV900SI-604	FLECK VALV. 9000/1600 SXT 1" METER 2-2,4-0,5	023	515		
FV900SI-605	FLECK VALV. 9000/1600 SXT 3/4" METER 2-3,5-1	023	515		
FV900SI-606	FLECK VALV. 9000/1600 SXT 3/4" METER 2-4-1	023	515		
FV900SI-607	FLECK VALV. 9000/1600 SXT 3/4" METER 3-5-1	023	515		
FV900SI-608	FLECK VALV. 9000/1600 SXT 3/4" METER 3-7-1	023	515		
FV900MI-600	FLECK VALV. 9000/1600 3/4" METER 8 M3 1-1,5-0,25	023	515		
FV900MI-601	FLECK VALV. 9000/1600 3/4" METER 8 M3 1-2,4-0,5	023	515		
FV900MI-602	FLECK VALV. 9000/1600 3/4" METER 40 M3 1-2,4-0,5	023	515		
FV900MI-603	FLECK VALV. 9000/1600 3/4" METER 40 M3 2-3,5-1	023	515		
FV900MI-604	FLECK VALV. 9000/1600 3/4" METER 40 M3 2-4-1	023	515		
FV900MI-605	FLECK VALV. 9000/1600 3/4" METER 40 M3 3-5-1	023	515		
FV900MI-606	FLECK VALV. 9000/1600 1" METER 100 M3 3-5-1	023	515		
FV900MI-607	FLECK VALV. 9000/1600 3/4" METER 40 M3 3-7-1	023	515		
FV900MI-608	FLECK VALV. 9000/1600 1" METER 100 M3 3-7-1	023	515		
FV900MI-609	FLECK VALV. 9000/1600 1" METER 100 M3 3-7-1	023	515		



Fleck Commercial Valves Series Twin 9000

Accessories

Ref	Description	Fam.	Subfam.	Disp. Stock	
FVA18122	9000 KIT FLEXIBLE 2ND TANK ADAPTER - 200 MM	023	590		
FVA18123	9000 KIT FLEXIBLE 2ND TANK ADAPTER - 400 MM	023	590		
FVA18124	9000 KIT FLEXIBLE 2ND TANK ADAPTER - 500 MM	023	590		
FVA13398-10	1" BSP F BRASS YOKE FOR 5800, 9000 AND 9100 VALVES	023	590		
FVA18706-10	1" BSP M PLASTIC YOKE FOR 5800, 9000 AND 9100 VALVES	023	590		
FVA24689	3/4" BSP M BRASS YOKE FOR 5800, 9000 AND 9100 VALVES	023	590		
FVA18706-12	3/4" BSP M PLASTIC YOKE FOR 5800, 9000 AND 9100 VALVES	023	590		

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
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.	Subfam.	Disp. Stock	
FV910SI-600	FLECK VAL. 9100/1600 SXT MIXING 3/4" METER 0-1,2-0,25	023	520		
FV910SI-601	FLECK VALV. 9100/1600 SXT 3/4" METER 1-2,4-0,5	023	520		
FV910SI-602	FLECK VALV. 9100/1600 SXT 3/4" METER MSWIRED 1-2,4-0,5	023	520		
FV910SI-603	FLECK VALV. 9100/1600 SXT 3/4" METER MS 1-2,4-0,5	023	520		
FV910SI-604	FLECK VALV. 9100/1600 SXT 3/4" MS 1-2,4-0,5 ENG. PLUG	023	520		
FV910SI-605	FLECK VALV. 9100/1600 SXT MIXING 3/4" METER 1-2,4-0,5	023	520		
FV910SI-606	FLECK VALV. 9100/1600 SXT 3/4" METER 2-3,5-1	023	520		
FV910SI-607	FLECK VALV. 9100/1600 SXT 1" METER 3-5-1	023	520		
FV910SI-608	FLECK VALV. 9100/1600 SXT 3/4" METER 3-5-1	023	520		
FV910MI-600	FLECK VALV. 9100/1600 3/4" METER 8 M3 1-1,2-0,25	023	520		
FV910MI-601	FLECK VALV. 9100/1600 3/4" METER 8 M3 1-1,5-0,5	023	520		
FV910MI-602	FLECK VALV. 9100/1600 3/4" METER 40 M3 1-2,4-0,5	023	520		
FV910MI-603	FLECK VALV. 9100/1600 3/4" METER 40 M3 2-3,5-1	023	520		
FV910MI-604	FLECK VALV. 9100/1600 1" METER 100 M3 3-5-1	023	520		
FV910MI-605	FLECK VALV. 9100/1600 3/4" METER 40 M3 3-7-1	023	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 o 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.	Subfam.	Disp. Stock	
FVA28243-07	9100 PVC CONNECTING TUBES 2ND TANK ADAPTER - 7"	023	590		
FVA28243-09	9100 PVC CONNECTING TUBES 2ND TANK ADAPTER - 9"	023	590		
FVA28243-12	9100 PVC CONNECTING TUBES 2ND TANK ADAPTER - 12"	023	590		
FVA28243-16	9100 PVC CONNECTING TUBES 2ND TANK ADAPTER - 16"	023	590		
FVA13398-10	1" BSP F BRASS YOKE FOR 5800, 9000 AND 9100 VALVES	023	590		
FVA18706-10	1" BSP M PLASTIC YOKE FOR 5800, 9000 AND 9100 VALVES	023	590		
FVA24689	3/4" BSP M BRASS YOKE FOR 5800, 9000 AND 9100 VALVES	023	590		
FVA18706-12	3/4" BSP M PLASTIC YOKE FOR 5800, 9000 AND 9100 VALVES	023	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.	Subfam.	Disp. Stock	
FV950SI-600	FLECK VALV. 9500/1650 SXT 1.5" METER 3-5-1	023	525		
FV950SI-601	FLECK VALV. 9500/1650 SXT 1.5" INLINE METER 3-5-1	023	525		
FV950SI-602	FLECK VALV. 9500/1650 SXT 1.5" METER MS 3-5-1 ENG. PLUG	023	525		
FV950SI-603	FLECK VALV. 9500/1710 SXT 1.5" METER 3C-7-1,2	023	525		
FV950SI-604	FLECK VALV. 9500/1710 SXT 1.5" METER 4C-10-2	023	525		
FV950SI-605	FLECK VALV. 9500/1710 SXT 1.5" METER 4C-15-2	023	525		
FV950SI-606	FLECK VALV. 9500/1710 SXT 1.5" INLINE METER 4C-15-2	023	525		
FV950SI-607	FLECK VALV. 9500/1710 SXT 1.5" METER MS 4C-15-2 ENG. PLUG	023	525		
FV950EI-600	FLECK VALV. 9500/1650 ET 1.5" METER 3-5-1	023	525		
FV950EI-601	FLECK VALV. 9500/1710 ET 1.5" METER 4C-15-2	023	525		
FV950MI-600	FLECK VALV. 9500/1650 1.5" METER 40 M3 3-5-1	023	525		
FV950MI-602	FLECK VALV. 9500/1710 1.5" METER 200 M3 4C-10-2	023	525		
FV950MI-603	FLECK VALV. 9500/1710 1.5" METER 200 M3 MSWIRED 4C-10-2	023	525		
FV950MI-604	FLECK VALV. 9500/1710 1.5" METER 40 M3 4C-10-2	023	525		
FV950MI-606	FLECK VALV. 9500/1710 1.5" METER 40 M3 4C-15-2	023	525		

Accessories

Ref	Description	Fam.	Sotto Fam.	Disp. Stock	
FVA28137-16	9500 KIT COPPER TUBES 2ND TANK ADAPTER - 16"	023	590		
FVA28137-20	9500 KIT COPPER TUBES 2ND TANK ADAPTER - 20"	023	590		
FVA28137-24	9500 KIT COPPER TUBES 2ND TANK ADAPTER - 24"	023	590		



Fleck Commercial Valves Series Twin 9500

Characteristics	
Tank size (recommended):	Softening System = 10" ÷ 24"
CIn/Out onnections	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"	023	590		
FVA28137-20	9500 KIT COPPER TUBES 2ND TANK ADAPTER - 20"	023	590		
FVA28137-24	9500 KIT COPPER TUBES 2ND TANK ADAPTER - 24"	023	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.	Subfam.	Disp. Stock	
FV275XC-600	FLECK VALV. 2750/1710 NO TIMER MSWIRED 4C-10-2	023	530		
FV275XC-601	FLECK VALV. 2750/1650 NO TIMER MSWIRED 3-5-1	023	530		
FV275XC-602	FLECK VALV. 2750/1600 NO TIMER HW MSWIRED 3-5-1	023	530		
FV275SC-600	FLECK VALV. 2750 FILTER SXT	023	530		
FV275SC-601	FLECK VALV. 2750 FILTER SXT NBP	023	530		
FV275SC-602	FLECK VALV. 2750 FILTER SXT NBP HW	023	530		
FV275SC-603	FLECK VALV. 2750/1650 SXT 3-5-1	023	530		
FV275NC-600	FLECK VALV. 2750 FILTER NXT NBP	023	530		
FV275NC-601	FLECK VALV. 2750 FILTER NXT	023	530		
FV275NC-602	FLECK VALV. 2750/1650 NXT 3-5-1	023	530		
FV275NC-603	FLECK VALV. 2750/1650 NXT NBP 3-5-1	023	530		
FV275NC-604	FLECK VALV. 2750/1710 NXT NBP 4C-10-2	023	530		
FV275NC-605	FLECK VALV. 2750/1600 NXT HW MSWIRED 3-5-1	023	530		
FV275NC-606	FLECK VALV. 2750/1600 NXT HW MSWIRED NBP 3-5-1	023	530		

Characteristics	
Tank size (recommended):	Softening System = 10" ÷ 24" Filter = 10" ÷ 21"
In/Out Connections	Threaded 1,5" BSP F
Pressure vessel connection	Threaded 2,5" - 8 UN male
Drain line connection	Threaded ¾" NPT or BSP
Brine line connection (1600)	Threaded ⅜"
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.	Subfam.	Disp. Stock	
FV275XM-600	FLECK VALV. 2750 FILTER MANUAL	023	530		
FV275XM-601	FLECK VALV. 2750 FILTER MANUAL NBP	023	530		
FV275MC-600	FLECK VALV. 2750 FILTER 12 DAYS	023	530		
FV275MC-601	FLECK VALV. 2750 FILTER 12 DAYS NBP	023	530		
FV275MC-602	FLECK VALV. 2750/1650 12 DAYS 3-5-1	023	530		
FV275XM-600	FLECK VALV. 2750 FILTER MANUAL	023	530		
FV275XM-601	FLECK VALV. 2750 FILTER MANUAL NBP	023	530		
FV275MC-600	FLECK VALV. 2750 FILTER 12 DAYS	023	530		
FV275MC-601	FLECK VALV. 2750 FILTER 12 DAYS NBP	023	530		
FV275MC-602	FLECK VALV. 2750/1650 12 DAYS 3-5-1	023	530		
FV275MC-603	FLECK VALV. 2750/1710 12 DAYS 4C-10-2	023	530		
FV275MR-600	FLECK VALV. 2750/1650 1" METER (100 M3) 3-5-1	023	530		
FV275MP-600	FLECK VALV. 2750/1650 PULSE 3-5-1	023	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.	Subfam.	Disp. Stock	
FVA24202-10	DLFC 3/4" NPT - 3/4" BSP 2750 - 10 GPM	023	590		
FVA24202-12	DLFC 3/4" NPT - 3/4" BSP 2750 - 12 GPM	023	590		
FVA24202-15	DLFC 3/4" NPT - 3/4" BSP 2750 - 15 GPM	023	590		
FVA24202-20	DLFC 3/4" NPT - 3/4" BSP 2750 - 20 GPM	023	590		
FVA24202-25	DLFC 3/4" NPT - 3/4" BSP 2750 - 25 GPM	023	590		
FVA24202-9	DLFC 3/4" NPT - 3/4" BSP 2750 - 9 GPM	023	590		
FVA24212-1.2	DLFC 3/4" NPT - 1/2" NPT 2750 - 1,2 GPM	023	590		
FVA24212-1.5	DLFC 3/4" NPT - 1/2" NPT 2750 - 1,5 GPM	023	590		
FVA24212-2	DLFC 3/4" NPT - 1/2" NPT 2750 - 2 GPM	023	590		
FVA24212-2.4	DLFC 3/4" NPT - 1/2" NPT 2750 - 2,4 GPM	023	590		
FVA24212-3	DLFC 3/4" NPT - 1/2" NPT 2750 - 3 GPM	023	590		
FVA24212-3.5	DLFC 3/4" NPT - 1/2" NPT 2750 - 3,5 GPM	023	590		
FVA24212-4	DLFC 3/4" NPT - 1/2" NPT 2750 - 4 GPM	023	590		
FVA24212-5	DLFC 3/4" NPT - 1/2" NPT 2750 - 5 GPM	023	590		
FVA24212-7	DLFC 3/4" NPT - 1/2" NPT 2750 - 7 GPM	023	590		
FVA29096	KIT METER SS ASSY 1" NT/NXT	023	590		
FVABU41692	CABLE KIT NXT	023	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.	Subfam.	Disp. Stock	
FV285MC-600	FLECK VALV. 2850 FILTER 12 DAYS	023	535		
FV285MC-601	FLECK VALV. 2850 FILTER 12 DAYS NBP	023	535		
FV900MI-609	FLECK VALV. 9000/1600 1" METER 100 M3 3-7-1	023	515		
FV285MC-603	FLECK VALV. 2850/1710 12 DAYS 3C-7-1,2	023	535		
FV285MC-604	FLECK VALV. 2850/1710 12 DAYS 4C-10-2	023	535		
FV285MC-605	FLECK VALV. 2850/1710 12 DAYS 4C-10-2 NBP	023	535		
FV285MC-606	FLECK VALV. 2850/1710 12 DAYS 4C-15-2	023	535		
FV285MR-600	FLECK VALV. 2850/1650 1.5" METER 40 M3 3-5-1	023	535		
FV285MR-601	FLECK VALV. 2850/1710 1.5" METER 200 M3 4C-10-2	023	535		
FV285MR-602	FLECK VALV. 2850/1710 1.5" METER 200 M3 4C-10-2 NBP	023	535		
FV285XM-600	FLECK VALV. 2850 FILTER MANUAL NBP	023	535		
FV285XC-600	FLECK VALV. 2850/1710 NOTIMER MSWIRED 4C-10-2	023	535		
FV285XC-601	FLECK VALV. 2850/1710 NOTIMER MSWIRED 4C-10-2 NBP	023	535		
FV285SC-600	FLECK VALV. 2850 FILTER SXT	023	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 3/8"
Brine line connection (1710)	Threaded 1/2"
Distributor tube O. D. diameter	3/4 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

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



Fleck Industrial Valves Series 2850

Ref	Description	Fam.	Subfam.	Disp. Stock	
FV285SC-601	FLECK VALV. 2850 FILTER SXT NBP	023	535		
FV285SC-602	FLECK VALV. 2850/1650 SXT 3-5-1	023	535		
FV285SC-603	FLECK VALV. 2850/1650 SXT 3-5-1 NBP	023	535		
FV285SC-604	FLECK VALV. 2850/1710 SXT 3C-7-1,2	023	535		
FV285SC-605	FLECK VALV. 2850/1710 SXT 4C-10-2	023	535		
FV285SC-606	FLECK VALV. 2850/1710 SXT 4C-10-2 NBP	023	535		
FV285SC-607	FLECK VALV. 2850/1710 SXT 4C-15-2	023	535		
FV285SC-608	FLECK VALV. 2850/1710 SXT 5C-25-4 NBP	023	535		
FV285NC-600	FLECK VALV. 2850 FILTER NXT	023	535		
FV285NC-601	FLECK VALV. 2850 FILTER NXT NBP	023	535		
FV285NC-602	FLECK VALV. 2850/1650 NXT NBP 3-5-1	023	535		
FV285NC-603	FLECK VALV. 2850/1710 NXT NBP 4C-10-2	023	535		
FV285NC-604	FLECK VALV. 2850/1710 NXT NBP 4C-15-2	023	535		
FV285NC-605	FLECK VALV. 2850/1710 NXT NBP 5C-25-4	023	535		
FV285NC-606	FLECK VALV. 2850/1650 NXT 3-5-1	023	535		
FV285NC-607	FLECK VALV. 2850/1710 NXT 4C-10-2	023	535		
FV285NC-608	FLECK VALV. 2850/1710 NXT 4C-15-2	023	535		
FV285NC-609	FLECK VALV. 2850/1710 NXT 5C-25-4	023	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.	Subfam.	Disp. Stock	
FVA13640	DOLE 30 GPM 2850/2910	023	590		
FVA25171-1.2	DLFC 1" NPT - 3/4" BSP ASSY 1.2 GPM 2850/2910/9500	023	590		
FVA25171-1.5	DLFC 1" NPT - 3/4" BSP ASSY 1.5 GPM 2850/2910/9500	023	590		
FVA25171-2	DLFC 1" NPT - 3/4" BSP ASSY 2 GPM 2850/2910/9500	023	590		
FVA25171-2.4	DLFC 1" NPT - 3/4" BSP ASSY 2.4 GPM 2850/2910/9500	023	590		
FVA25171-3	DLFC 1" NPT - 3/4" BSP ASSY 3 GPM 2850/2910/9500	023	590		
FVA25171-4	DLFC 1" NPT - 3/4" BSP ASSY 4 GPM 2850/2910/9500	023	590		
FVA25171-5	DLFC 1" NPT - 3/4" BSP ASSY 5 GPM 2850/2910/9500	023	590		
FVA25171-7	DLFC 1" NPT - 3/4" BSP ASSY 7 GPM 2850/2910/9500	023	590		
FVA25581-8	DLFC 1" NPT - 3/4" BSP ASSY 2850/2910/9500	023	590		
FVA25581-9	DLFC 1" NPT - 3/4" BSP ASSY 2850/2910/9500	023	590		
FVA25581-ALL	KIT DLFC 1" 2850/2910/9500 10 TO 25 GPM	023	590		
FVA29097	KIT METER SS ASSY 1,5" NT/NXT	023	590		
FVA29098	KIT METER SS ASSY 2" NT/NXT	023	590		
FVA29111-3045	KIT DLFC 2" BSP W/REDUCER 2" TO 1" 30 TO 45 GPM 2850 FILTER	023	590		
FVABU41692	CABLE KIT NXT	023	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.	Subfam.	Disp. Stock	Price Euro
FV291MD-605	FLECK VAL. 2910/1710 DUPLEX B #7 NBP 4C-15-2	023	540		2191,92
FV291MD-606	FLECK VAL. 2910/1710 DUPLEX A #7 NBP 5C-25-4	023	540		2191,92
FV291MD-607	FLECK VAL. 2910/1710 DUPLEX B #7 NBP 5C-25-4	023	540		2191,92
FV291MD-608	FLECK VAL. 2910/1710 DUPLEX A #7 NBP 6C-30-4	023	540		2191,92
FV291MD-609	FLECK VAL. 2910/1710 DUPLEX B #7 NBP 6C-30-4	023	540		2191,92
FV291MC-601	FLECK VALV. 2910/1650 12 DAYS DF 3-5-1	023	540		1908,81
FV291MC-602	FLECK VALV. 2910/1710 12 DAYS DF 3C-7-1,2	023	540		1978,38
FV291MC-603	FLECK VALV. 2910/1710 12 DAYS DF 3C-10-2	023	540		1978,38
FV291MC-604	FLECK VALV. 2910/1710 12 DAYS DF 4C-15-2	023	540		1978,38
FV291MC-605	FLECK VALV. 2910/1710 12 DAYS DF 6C-25-4	023	540		1978,38
FV291MC-606	FLECK VALV. 2910/1710 12 DAYS DF 4C-15-2 NBP	023	540		1978,38
FV291MR-600	FLECK VALV. 2910/1650 2" METER 75 M3 3-5-1	023	540		2945,40
FV291MR-601	FLECK VALV. 2910/1710 2" METER 375 M3 3C-7-1,2	023	540		1902,90
FV291MR-602	FLECK VALV. 2910/1710 2" METER 75 M3 3C-7-1,2	023	540		3014,97
FV291SC-600	FLECK VALV. 2910/1650 SXT 3-5-1	023	540		1901,01
FV291SC-601	FLECK VALV. 2910/1710 SXT 3C-7-1,2	023	540		1970,58
FV291SC-602	FLECK VALV. 2910/1710 SXT 4C-10-2	023	540		1970,58
FV291SC-603	FLECK VALV. 2910/1710 SXT 4C-15-2	023	540		1629,21
FV291SC-604	FLECK VALV. 2910/1710 SXT 5C-25-4	023	540		1970,58
FV291NC-600	FLECK VALV. 2910/1650 NXT 3-7-1 NBP	023	540		2262,51

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 3/8"
Brine line connection (1710)	Threaded 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.	Subfam.	Disp. Stock	
FV291NC-601	FLECK VALV. 2910/1710 NXT 3C-10-2 NBP	023	540		
FV291NC-602	FLECK VALV. 2910/1710 NXT 4C-10-2 NBP	023	540		
FV291NC-603	FLECK VALV. 2910/1710 NXT 4C-15-2 NBP	023	540		
FV291NC-604	FLECK VALV. 2910/1710 NXT 6C-25-4	023	540		
FV291NC-605	FLECK VALV. 2910/1710 NXT 6C-25-4 NBP	023	540		
FV291NC-606	FLECK VALV. 2910/1710 NXT 7C-30-7 NBP	023	540		
FV291NC-607	FLECK VALV. 2910/1710 NXT 4C-15-2 HW	023	540		
FV291NC-608	FLECK VALV. 2910/1710 NXT 4C-15-2 HW NBP	023	540		
FV291NC-609	FLECK VALV. 2910/1710 NXT UF 4C-15-2	023	540		
FV291NC-610	FLECK VALV. 2910/1710 NXT UF 4C-15-2 NBP	023	540		
FV291XC-600	FLECK VALV. 2910/1650 NOTIMER 3-5-1 NBP	023	540		
FV291XC-601	FLECK VALV. 2910/1650 NOTIMER 3-7-1 NBP	023	540		
FV291XC-602	FLECK VALV. 2910/1710 NOTIMER 4C-10-2 NBP	023	540		
FV291XC-603	FLECK VALV. 2910/1710 NOTIMER 5C-15-2 NBP	023	540		
FV291XC-604	FLECK VALV. 2910/1710 NOTIMER 5C-25-4 NBP	023	540		
FV291XC-605	FLECK VALV. 2910/1710 NOTIMER 7C-30-7 NBP	023	540		
FV291XC-606	FLECK VALV. 2910/1710 NOTIMER NOPLUG 4C-15-2 NBP	023	540		
FV291XC-607	FLECK VALV. 2910/1710 NOTIMER NOPLUG 5C-25-2 NBP	023	540		
FV291XP-600	FLECK VALV. 2910/1700 NOTIMER NOPLUG 6C-25-4-HW	023	540		

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.	Subfam.	Disp. Stock	
FVA13640	DOLE 30 GPM 2850/2910	023	590		
FVA25171-1.2	DLFC 1" NPT - 3/4" BSP ASSY 1.2 GPM 2850/2910/9500	023	590		
FVA25171-1.5	DLFC 1" NPT - 3/4" BSP ASSY 1.5 GPM 2850/2910/9500	023	590		
FVA25171-2	DLFC 1" NPT - 3/4" BSP ASSY 2 GPM 2850/2910/9500	023	590		
FVA25171-2.4	DLFC 1" NPT - 3/4" BSP ASSY 2.4 GPM 2850/2910/9500	023	590		
FVA25171-3	DLFC 1" NPT - 3/4" BSP ASSY 3 GPM 2850/2910/9500	023	590		
FVA25171-4	DLFC 1" NPT - 3/4" BSP ASSY 4 GPM 2850/2910/9500	023	590		
FVA25171-5	DLFC 1" NPT - 3/4" BSP ASSY 5 GPM 2850/2910/9500	023	590		
FVA25171-7	DLFC 1" NPT - 3/4" BSP ASSY 7 GPM 2850/2910/9500	023	590		
FVA25581-10	DLFC 1" NPT - 3/4" BSP ASSY 2850/2910/9500	023	590		
FVA25581-12	DLFC 1" NPT - 3/4" BSP ASSY 2850/2910/9500	023	590		
FVA25581-15	DLFC 1" NPT - 3/4" BSP ASSY 2850/2910/9500	023	590		
FVA25581-20	DLFC 1" NPT - 3/4" BSP ASSY 2850/2910/9500	023	590		
FVA25581-25	DLFC 1" NPT - 3/4" BSP ASSY 2850/2910/9500	023	590		
FVA25581-8	DLFC 1" NPT - 3/4" BSP ASSY 2850/2910/9500	023	590		
FVA25581-9	DLFC 1" NPT - 3/4" BSP ASSY 2850/2910/9500	023	590		
FVA25581-ALL	KIT DLFC 1" 2850/2910/9500 10 TO 25 GPM	023	590		
FVA29097	KIT METER SS ASSY 1,5" NT/NXT	023	590		
FVA29098	KIT METER SS ASSY 2" NT/NXT	023	590		
FVA28295	KIT METER ELECTRONIC 2" PLASTIC 2910/3150	023	590		
FVABU41692	CABLE KIT NXT	023	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.	Subfam.	Disp. Stock	
FV315MC-600	FLECK VALV. 3150 FILTER 12 DAYS	023	545		
FV315MC-601	FLECK VALV. 3150 FILTER 12 DAYS NBP	023	545		
FV315NC-600	FLECK VALV. 3150 FILTER NXT	023	545		
FV315NC-601	FLECK VALV. 3150 FILTER NXT NBP	023	545		
FV315NC-602	FLECK VALV. 3150 FILTER NXT NBP HW	023	545		
FV315NC-603	FLECK VALV. 3150/1800 NXT 4-20-5	023	545		
FV315NC-604	FLECK VALV. 3150/1800 NXT 4-20-5 NBP	023	545		
FV315NC-605	FLECK VALV. 3150/1800 NXT 5-25-5	023	545		
FV315NC-606	FLECK VALV. 3150/1800 NXT 5-25-5 NBP	023	545		
FV315NC-607	FLECK VALV. 3150/1800 NXT 6-35-5	023	545		

Characteristics	
Tank size (recommended):	Softening System = 24" ÷ 42" (Side mount filter 63") Filtrtr = 24" ÷ 42"
In/OutConnections	Threaded 2" BSP
Pressure vessel connection	Threaded 4" - 8 UN male
Drain line connection	Threaded 2" NPT o 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.	Subfam.	Disp. Stock	
FV315NC-608	FLECK VALV. 3150/1800 NXT 6-35-5 NBP	023	545		
FV315NC-609	FLECK VALV. 3150/1800 NXT 7-50-10	023	545		
FV315NC-610	FLECK VALV. 3150/1800 NXT 7-50-10 NBP	023	545		
FV315NC-611	FLECK VALV. 3150/1800 NXT 8-70-10	023	545		
FV315NC-612	FLECK VALV. 3150/1800 NXT 8-70-10 NBP	023	545		
FV315NC-613	FLECK VALV. 3150/1800 NXT 9-80-10	023	545		
FV315NC-614	FLECK VALV. 3150/1800 NXT 9-80-10 NBP	023	545		
FV315NC-615	FLECK VALV. 3150/1800 NXT 10-100-10	023	545		
FV315NC-616	FLECK VALV. 3150/1800 NXT 10-100-10 NBP	023	545		
FV315XC-600	FLECK VALV. 3150/1800 NOTIMER MSWIRED 4-20-5	023	545		
FV315XC-601	FLECK VALV. 3150/1800 NOTIMER NOPLUG7-50-10 HW	023	545		
FV315XC-602	FLECK VALV. 3150/1800 NOTIMER MSWIRED 4-20-5 NBP	023	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.	Subfam.	Disp. Stock	
FVA18023	TANK DAPT ASSY 3150 SM	023	590		
FVA18024	TANK ADAPT ASSY 3150 TM	023	590		
FVA25580-100	DLFC 2" BSP- 2" BSP ASSY 100 GPM 3150/3900	023	590		
FVA25580-20	DLFC 2" BSP- 2" BSP ASSY 20 GPM 3150/3900	023	590		
FVA25580-25	DLFC 2" BSP- 2" BSP ASSY 25 GPM 3150/3900	023	590		
FVA25580-35	DLFC 2" BSP- 2" BSP ASSY 35 GPM 3150/3900	023	590		
FVA25580-40	DLFC 2" BSP- 2" BSP ASSY 40 GPM 3150/3900	023	590		
FVA25580-45	DLFC 2" BSP- 2" BSP ASSY 45 GPM 3150/3900	023	590		
FVA25580-50	DLFC 2" BSP- 2" BSP ASSY 50 GPM 3150/3900	023	590		
FVA25580-55	DLFC 2" BSP- 2" BSP ASSY 55 GPM 3150/3900	023	590		
FVA25580-60	DLFC 2" BSP- 2" BSP ASSY 60 GPM 3150/3900	023	590		
FVA25580-65	DLFC 2" BSP- 2" BSP ASSY 65 GPM 3150/3900	023	590		
FVA25580-70	DLFC 2" BSP- 2" BSP ASSY 70 GPM 3150/3900	023	590		
FVA25580-75	DLFC 2" BSP- 2" BSP ASSY 75 GPM 3150/3900	023	590		
FVA25580-80	DLFC 2" BSP- 2" BSP ASSY 80 GPM 3150/3900	023	590		
FVA25580-85	DLFC 2" BSP- 2" BSP ASSY 85 GPM 3150/3900	023	590		
FVA25580-90	DLFC 2" BSP- 2" BSP ASSY 90 GPM 3150/3900	023	590		
FVA25580-95	DLFC 2" BSP- 2" BSP ASSY 95 GPM 3150/3900	023	590		
FVA25580-ALL	DLFC KIT 2" 3150/3900 30 TO 100 GPM 3150/3900	023	590		
FVA29098	KIT METER SS ASSY 2" NT/NXT	023	590		
FVA28295	KIT METER ELECTRONIC 2" PLASTIC 2910/3150	023	590		
FVABU41692	CABLE KIT NXT	023	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.	Subfam.	Disp. Stock	
FV390NC-600	FLECK VALV. 3900 FILTER NXT	023	550		
FV390NC-601	FLECK VALV. 3900 FILTER NXT NBP	023	550		
FV390MC-600	FLECK VALV. 3900/1800 12 DAYS NBP 6-35-5	023	550		
FV390MC-601	FLECK VALV. 3900/1800 12 DAYS NBP 7-50-10	023	550		
FV390MC-602	FLECK VALV. 3900/1800 12 DAYS 10-100-10	023	550		
FV390MC-603	FLECK VALV. 3900/1800 12 DAYS UF NBP 7-50-10	023	550		
FV390NC-602	FLECK VALV. 3900/1800 NXT 6-35-5	023	550		
FV390NC-603	FLECK VALV. 3900/1800 NXT 7-50-10	023	550		
FV390NC-604	FLECK VALV. 3900/1800 NXT 8-70-10	023	550		
FV390NC-605	FLECK VALV. 3900/1800 NXT NBP 5-25-5	023	550		
FV390NC-606	FLECK VALV. 3900/1800 NXT NBP 6-35-5	023	550		
FV390NC-607	FLECK VALV. 3900/1800 NXT NBP 7-50-10	023	550		

Characteristics	
Tank size (recommended):	Softening System = 30" ÷ 63" Side Mount Filter = 24" ÷ 42"
In/Out Connections	Threaded 3" BSP
Pressure vessel connection	Threaded 6" o Side mount
Drain line connection	Threaded 2" NPT o 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.	Subfam.	Disp. Stock	
FV390NC-608	FLECK VALV. 3900/1800 NXT NBP 8-70-10	023	550		
FV390NC-609	FLECK VALV. 3900/1800 NXT NBP 9-80-10	023	550		
FV390NC-610	FLECK VALV. 3900/1800 NXT NBP 10-100-10	023	550		
FV390XC-600	FLECK VALV. 3900/1800 NOTIMER NBP 5-25-5	023	550		
FV390XC-601	FLECK VALV. 3900/1800 NOTIMER NOPLUG NBP 6-35-5	023	550		
FV390XC-602	FLECK VALV. 3900/1800 NOTIMER NBP 7-50-10	023	550		
FV390XC-603	FLECK VALV. 3900/1800 NOTIMER NOPLUG NBP 7-50-10	023	550		
FV390XC-604	FLECK VALV. 3900/1800 NOTIMER NOPLUG NBP 7-60-10	023	550		
FV390XC-605	FLECK VALV. 3900/1800 NOTIMER NOPLUG NBP 8-70-10	023	550		
FV390XC-606	FLECK VALV. 3900/1800 NOTIMER NBP 10-100-10	023	550		

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.	Subfam.	Disp. Stock	
FVA16258	FLOW DISPERSER 3" 3900	023	590		
FVA18925	TANK ADAPT ASSY 3900 TM FLANGED 6"	023	590		
FVA18926	TANK ADAPT ASSY 3900 SM	023	590		
FVA25580-100	DLFC 2" BSP- 2" BSP ASSY 100 GPM 3150/3900	023	590		
FVA25580-20	DLFC 2" BSP- 2" BSP ASSY 20 GPM 3150/3900	023	590		
FVA25580-25	DLFC 2" BSP- 2" BSP ASSY 25 GPM 3150/3900	023	590		
FVA25580-30	DLFC 2" BSP- 2" BSP ASSY 30 GPM 3150/3900	023	590		
FVA25580-35	DLFC 2" BSP- 2" BSP ASSY 35 GPM 3150/3900	023	590		
FVA25580-40	DLFC 2" BSP- 2" BSP ASSY 40 GPM 3150/3900	023	590		
FVA25580-45	DLFC 2" BSP- 2" BSP ASSY 45 GPM 3150/3900	023	590		
FVA25580-50	DLFC 2" BSP- 2" BSP ASSY 50 GPM 3150/3900	023	590		
FVA25580-55	DLFC 2" BSP- 2" BSP ASSY 55 GPM 3150/3900	023	590		
FVA25580-60	DLFC 2" BSP- 2" BSP ASSY 60 GPM 3150/3900	023	590		
FVA25580-65	DLFC 2" BSP- 2" BSP ASSY 65 GPM 3150/3900	023	590		
FVA25580-70	DLFC 2" BSP- 2" BSP ASSY 70 GPM 3150/3900	023	590		
FVA25580-75	DLFC 2" BSP- 2" BSP ASSY 75 GPM 3150/3900	023	590		
FVA25580-80	DLFC 2" BSP- 2" BSP ASSY 80 GPM 3150/3900	023	590		
FVA25580-85	DLFC 2" BSP- 2" BSP ASSY 85 GPM 3150/3900	023	590		
FVA25580-90	DLFC 2" BSP- 2" BSP ASSY 90 GPM 3150/3900	023	590		
FVA25580-95	DLFC 2" BSP- 2" BSP ASSY 95 GPM 3150/3900	023	590		
FVA25580-ALL	DLFC KIT 2" 3150/3900 30 TO 100 GPM 3150/3900	023	590		
FVA29082	KIT METER ASSY 3" SS NXT 3900	023	590		
FVABU41692	CABLE KIT NXT	023	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.	Subfam.	Disp. Stock	
V1TCDDT-03	WS1TC VALVE DN T I-D	015	720		
V1TCDDT-M03	WS1TC VALVE DN T I-D W/MIXING VALVE	015	720		
V1TCDE-03	WS1TC VALVE DN T I-E	015	720		
V1TCDE-M03	WS1TC VALVE DN T I-E W/MIXING VALVE	015	720		
V1TCDF-03	WS1TC VALVE DN T I-F	015	720		
V1TCDF-M03	WS1TC VALVE DN T I-F	015	720		
V1TCBTZ-03	WS1TC VALVE BW T I-Z	015	720		

Ref	Softening System/Filter	Ø Injector Tank size	Downflow/Up flow	Meter	Mixing Valve
V1TCDDT-03	Softening System	9"	Downflow	Not included	Not included
V1TCDDT-M03	Softening System	9"	Downflow	Not included	included
V1TCDE-03	Softening System	10"	Downflow	Not included	Not included
V1TCDE-M03	Softening System	10"	Downflow	Not included	included
V1TCDF-03	Softening System	12"	Downflow	Not included	Not included
V1TCDF-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 117,84 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 182,11 euro.

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

Certificates	Manufacturer	Sectors
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 m ³ /h
Cycles	Up to 6	Backwash Δp 1,7 bar/25 psi drop (includes bypass)	6,12 m ³ /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

DIMENSIONS	
Distributor Pilot	1,05"
Drain Line	¾" or 1" NPT
Brine Line	¾" 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 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
- Reliable and proven DC drive
- Certified to NSF/ANSI 44, 61 and 372.

Ref	Description	Fam.	Subfam.	Disp. Stock	
V1EIDMC-03	WS1EI VALVE DN M I-C	015	710		
V1EIDMC-M03	WS1EI VALVE DN M I-C W/MIXING VALVE	015	710		
V1EIDMD-03	WS1EI VALVE DN M I-D	015	710		
V1EIDMD-M03	WS1EI VALVE DN M I-D W/MIXING VALVE	015	710		
V1EIDME-03	WS1EI VALVE DN M I-E	015	710		
V1EIDME-M03	WS1EI VALVE DN M I-E W/MIXING VALVE	015	710		
V1EIDMF-03	WS1EI VALVE DN M I-F	015	710		
V1EIDMF-M03	WS1EI VALVE DN M I-F W/MIXING VALVE	015	710		
V1EIUMA-03	WS1EI VALVE UP M I-A	015	710		
V1EIUMA-M03	WS1EI VALVE UP M I-A W/MIXING VALVE	015	710		
V1EIUMB-03	WS1EI VALVE UP M I-B	015	710		
V1EIUMB-M03	WS1EI VALVE UP M I-B W/MIXING VALVE	015	710		
V1EIUMC-03	WS1EI VALVE UP M I-C	015	710		
V1EIUMC-M03	WS1EI VALVE UP M I-C W/MIXING VALVE	015	710		
V1EIDTE-03	WS1EI VALVE DN T I-E	015	710		
V1EIDTE-M03	WS1EI VALVE DN T I-E W/MIXING VALVE	015	710		
V1EIBMZ-03	WS1EI VALVE BW M I-Z	015	710		
V1EIBTZ-03	WS1EI VALVE BW T I-Z	015	710		



CLACK VALVE WS1EI

Ref	Softening System/Filter	Ø Injector Tank size	Downflow/Up flow	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"	Upflow	included	Not included
V1EIUMA-M03	Softening System	8"	Upflow	included	included
V1EIUMB-03	Softening System	9"	Upflow	included	Not included
V1EIUMB-M03	Softening System	9"	Upflow	included	included
V1EIUMC-03	Softening System	10"	Upflow	included	Not included
V1EIUMC-M03	Softening System	10"	Upflow	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

- 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. 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 117,84 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 182,11 euro.

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

Certificates	Manufacturer	Sectors
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 m ³ /h
Cycles	Up to 6	Backwash Δp 1,7 bar/25 psidrop (includes bypass)	6,12 m ³ /h
Valve Material	Noryl or equivalent	CV Service	7,0
Regeneration	Downflow or Upflow	CV Service	5,4

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

METER		DIMENSIONS	
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 m ³	Brine Line	3/8" or ½" OD Poly Tube
Totalizer	0,001 - 9.99.999 m ³	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 TT1E1

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 regenerant 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.	Subfam.	Disp. Stock	
VTT1E1DME-03	TT1E1 VALVE DN M I-E	015	710		

Ref	Softening System/Filter	Ø Injector Tank size	Downflow/Up flow	Meter	Mixing Valve
VTT1E1DME-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 117,84 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 182,11 euro.

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

Certificates	Manufacturer	Sectors
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 refill
- 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.	Subfam.	Disp. Stock	
V1CIDMC-03	WS1CI VALVE DN M I-C	015	700		
V1CIDMC-M03	WS1CI VALVE DN M I-C W/MIXING VALVE	015	700		
V1CIDMD-03	WS1CI VALVE DN M I-D	015	700		
V1CIDMD-M03	WS1CI VALVE DN M I-D W/MIXING VALVE	015	700		
V1CIDME-03	WS1CI VALVE DN M I- E	015	700		
V1CIDME-M03	WS1CI VALVE DN M I- E W/MIXING VALVE	015	700		
V1CIDMF-03	WS1CI VALVE DN M I-F	015	700		
V1CIDMF-M03	WS1CI VALVE DN M I-F W/MIXING VALVE	015	700		
V1CIUMA-03	WS1CI VALVE UP M I-A	015	700		
V1CIUMA-M03	WS1CI VALVE UP M I-A W/MIXING VALVE	015	700		
V1CIUMB-03	WS1CI VALVE UP M I-B	015	700		
V1CIUMB-M03	WS1CI VALVE UP M I-B W/MIXING VALVE	015	700		
V1CIUMC-03	WS1CI VALVE UP M I-C	015	700		
V1CIUMC-M03	WS1CI VALVE UP M I-C W/MIXING VALVE	015	700		
V1CIDTE-03	WS1CI VALVE DN T I-E	015	700		
V1CIDTE - M03	WS1CI VALVE DN T I-E W/MIXING VALVE	015	700		
V1CIBMZ-03	WS1CI VALVE BW M I-Z	015	700		
V1CIBTZ-03	WS1CI VALVE BW T I-Z	015	700		



CLACK VALVE WS1CI

Ref	Softening System/Filter	Ø Injector Tank size	Downflow/Up flow	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"	Uplflow	included	Not included
V1CIUMA-M03	Softening System	8"	Uplflow	included	included
V1CIUMB-03	Softening System	9"	Uplflow	included	Not included
V1CIUMB-M03	Softening System	9"	Uplflow	included	included
V1CIUMC-03	Softening System	10"	Uplflow	included	Not included
V1CIUMC-M03	Softening System	10"	Uplflow	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

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. 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 117,84 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 182,11 euro.

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

Certificates	Manufacturer	Sectors
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)	6,12m ³ /h
Cycles	Up to 9	Backwash Δp 25 psi/1.7 bar drop (includes bypass)	6,12 m ³ /h
Valve Material	Noryl or equivalent	CV Service	7,0
Regeneration	Dow flow or Up flow	CV Service	5,4

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

METER		DIMENSIONS	
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 m ³	Brine Line	3/8" or ½" OD Poly Tube
Totalizer	1 - 99.999 m ³	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.	Subfam.	Disp. Stock	
VTT1CIDME-03	TT1CI VALVE DN M I-E	015	700		

Ref	Softening System/Filter	Ø Injector Tank size	Downflow/Up flow	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 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 an unstable power grid. Price Adder 117,84 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 182,11 euro.

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

Certificates	Manufacturer	Sectors
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 regenerant refill
- Reliable and proven DC drive
- Certified to NSF/ANSI 44, 61 and 372

Ref	Description	Fam.	Subfam.	Disp. Stock	
V125CDTE-08	WS125TCVALVE DN T I-E	015	750		
V125CDTE-M08	WS125TCVALVE DN T I-E W/MIXING VALVE	015	750		
V125CDTF-08	WS125TCVALVE DN T I-F	015	750		
V125CDTF-M08	WS125TCVALVE DN T I-F W/MIXING VALVE	015	750		
V125CDTG-08	WS125TCVALVE DN T I-G	015	750		
V125CDTG-M08	WS125TC VALVE DN T I-G W/MIXING VALVE	015	750		
V125CBTZ-08	WS125TC VALVE BW T I-Z	015	750		

Ref	Softening System/Filter	Ø Injector Tank size	Downflow/Upflow	Meter	Mixing Valve
V125CDTE-08	Softening System	10"	Downflow	Not included	Not included
V125CDTE-M08	Softening System	10"	Downflow	Not included	included
V125CDTF-08	Softening System	12"	Downflow	Not included	Not included
V125CDTF-M08	Softening System	12"	Downflow	Not included	included
V125CDTG-08	Softening System	13"	Downflow	Not included	Not included
V125CDTG-M08	Softening System	13"	Downflow	Not included	included
V125CBTZ-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 117,84 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 182,11 euro.

Box: WxLxH	Box: Q.ty	Box: Weight	Pallet: WxLxH	Pallet: Q.ty	Pallet: Weight
	2			96	

Certificates	Manufacturer	Sectors
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		OPERATING TEMPERATURES	
Minimum/Maximum	20 psi - 125 psi	Minimum/Maximum	4° ÷ 43° C

DIMENSIONS	
Distributor Pilot	32 mm OD Pipe
Drain Line	¾" or 1" NPT
Brine Line	3/8" or ½" 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 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/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.	Subfam.	Disp. Stock	
V125EIDME-08	WS125EI VALVE DN M I-E	015	740		
V125EIDME-M08	WS125EI VALVE DN M I-E W/MIXING VALVE	015	740		
V125EIDMF-08	WS125EI VALVE DN M I-F	015	740		
V125EIDMF-M08	WS125EI VALVE DN M I-F W/MIXING VALVE	015	740		
V125EIDMH-08	WS125EI VALVE DN M I-H	015	740		
V125EIDMH-M08	WS125EI VALVE DN M I-H W/MIXING VALVE	015	740		
V125EIDMI-08	WS125EI VALVE DN M I-I	015	740		
V125EIDMI-M08	WS125EI VALVE DN M I-I W/MIXING VALVE	015	740		
V125EIDMK-08	WS125EI VALVE DN M I-K	015	740		
V125EIDMK-M08	WS125EI VALVE DN M I-K W/MIXING VALVE	015	740		
V125EIUMD-08	WS125EI VALVE UP M I-D	015	740		
V125EIUMD-M08	WS125EI VALVE UP M I-D W/MIXING VALVE	015	740		
V125EIUMF-08	WS125EI VALVE UP M I-F	015	740		
V125EIUMF-M08	WS125EI VALVE UP M I-F W/MIXING VALVE	015	740		
V125EIDTF-08	WS125EI VALVE DN T I-F	015	740		
V125EIDTF-M08	WS125EI VALVE DN T I-F W/MIXING VALVE	015	740		
V125EIBMZ-08	WS125EI VALVE BW M I-Z	015	740		
V125EIBTZ-08	WS125EI VALVE BW T I-Z	015	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 117,84 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 182,11 euro.

Box: WxLxH	Box: Q.ty	Box: Weight	Pallet: WxLxH	Pallet: Q.ty	Pallet: Weight
	2			96	

Certificates	Manufacturer	Sectors
ACS CE	Clack	Domestic



CLACK VALVE WS125EI

SPECIFIC		FLOW RATES	
Inlet/Outlet Fittings (to order separately)	1" to 1,5" masle BSPT	Service Δp 15 psi/1 bar drop (includes meter)	7,7 m ³ /h
Cycles	up to 6	Backwash con 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		DIMENSIONS	
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.	Subfam.	Disp. Stock	
V125CIDME-08	WS125CI VALVE DN M I-E	015	730		
V125CIDME-M08	WS125CI VALVE DN M I-E W/MIXING VALVE	015	730		
V125CIDMF-08	WS125CI VALVE DN M I-F	015	730		
V125CIDMF-M08	WS125CI VALVE DN M I-F W/MIXING VALVE	015	730		
V125CIDMH-08	WS125CI VALVE DN M I-H	015	730		
V125CIDMH-M08	WS125CI VALVE DN M I-H W/MIXING VALVE	015	730		
V125CIDMI-08	WS125CI VALVE DN M I-I	015	730		
V125CIDMI-M08	WS125CI VALVE DN M I-I W/MIXING VALVE	015	730		
V125CIDMK-08	WS125CI VALVE DN M I-K	015	730		
V125CIDMK-M08	WS125CI VALVE DN M I-K W/MIXING VALVE	015	730		
V125CIUMD-08	WS125CI VALVE UP M I-D	015	730		
V125CIUMD-M08	WS125CI VALVE UP M I-D W/MIXING VALVE	015	730		
V125CIUMF-08	WS125CI VALVE UP M I-F	015	730		
V125CIUMF-M08	WS125CI VALVE UP M I-F W/MIXING VALVE	015	730		
V125CIDTF-08	WS125CI VALVE DN T I-F	015	730		
V125CIDTF-M08	WS125CI VALVE DN T I-F W/MIXING VALVE	015	730		
V125CIBMZ-08	WS125CI VALVE BW M I-Z	015	730		
V125CIBTZ-08	WS125CI VALVE BW T I-Z	015	730		



CLACK VALVE WS125CI

Ref	Softening System/Filter	Ø Injector Tank size	Downflow/Up flow	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"	Up flow	included	Not included
V125CIUMD-M08	Softening System	12"	Up flow	included	included
V125CIUMF-08	Softening System	14"	Up flow	included	Not included
V125CIUMF-M08	Softening System	14"	Up flow	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 117,84 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 182,11 euro.

Box: WxLxH	Box: Q.ty	Box: Weight	Pallet: WxLxH	Pallet: Q.ty	Pallet: Weight
	2			96	

Certificates	Manufacturer	Sectors
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		DIMENSIONS	
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.	Subfam.	Disp. Stock	
V15EIDMB-05	WS15EI VALVE DN M I-B	025	810		
V15EIDMD-05	WS15EI VALVE DN M I-D	025	810		
V15EIDMF-05	WS15EI VALVE DN M I-F	025	810		
V15EIDMG-05	WS15EI VALVE DN M I-G	025	810		
V15EIUMB-05	WS15EI VALVE UP M I-B	025	810		
V15EIUMD-05	WS15EI VALVE UP M I-D	025	810		
V15EIDTD-05	WS15EI VALVE DN T I-D	025	810		
V15EIDTF-05	WS15EI VALVE DN T I-F	025	810		
V15EIDTG-05	WS15EI VALVE DN T I-G	025	810		
V15EIBMZ-05	WS15EI VALVE BW M I-Z	025	810		
V15EIBTZ-05	WS15EI VALVE BW T I-Z	025	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 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 117,84 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 182,11 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

SPECIFIC		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		DIMENSIONS	
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	3/4" Female NPT 1/2" 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.	Subfam.	Disp. Stock	
V15CIDMB-05	WS15CI VALVE DN M I-B	025	800		
V15CIDMD-05	WS15CI VALVE DN M I-D	025	800		
V15CIDMF-05	WS15CI VALVE DN M I-F	025	800		
V15CIDMG-05	WS15CI VALVE DN M I-G	025	800		
V15CIUMB-05	WS15CI VALVE UP M I-B	025	800		
V15CIUMD-05	WS15CI VALVE UP M I-D	025	800		
V15CIDTD-05	WS15CI VALVE DN T I-D	025	800		
V15CIDTF-05	WS15CI VALVE DN T I-F	025	800		
V15CIDTG-05	WS15CI VALVE DN T I-G	025	800		
V15CIBMZ-05	WS15CI VALVE BW M I-Z	025	800		
V15CIBTZ-05	WS15CI VALVE BW T I-Z	025	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 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 117,84 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 182,11 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 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		DIMENSIONS	
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	3/4" Female NPT 1/2" 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 servi
- 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.	Subfam.	Disp. Stock	
V2EIDMA-05	WS2EI VALVE DN M I-A	025	830		
V2EIDMB-05	WS2EI VALVE DN M I-B	025	830		
V2EIDMC-05	WS2EI VALVE DN M I-C	025	830		
V2EIDMD-05	WS2EI VALVE DN M I-D	025	830		
V2EIDME-05	WS2EI VALVE DN M I-E	025	830		
V2EIDMF-05	WS2EI VALVE DN M I-F	025	830		
V2EIDMG-05	WS2EI VALVE DN M I-G	025	830		
V2EIUMA-05	WS2EI VALVE UP M I-A	025	830		
V2EIUMB-05	WS2EI VALVE UP M I-B	025	830		
V2EIDTA-05	WS2EI VALVE DN T I-A	025	830		
V2EIDTB-05	WS2EI VALVE DN T I-B	025	830		
V2EIDTC-05	WS2EI VALVE DN T I-C	025	830		
V2EIDTD-05	WS2EI VALVE DN T I-D	025	830		
V2EIDTE-05	WS2EI VALVE DN T I-E	025	830		
V2EIDTF-05	WS2EI VALVE DN T I-F	025	830		
V2EIDTG-05	WS2EI VALVE DN T I-G	025	830		
V2EIBMZ-05	WS2EI VALVE BW M I-Z	025	830		
V2EIBTZ-05	WS2EI VALVE BW T I-Z	025	830		



CLACK VALVE WS2EI

Ref	Softening System/Filter	Ø Injector Tank size	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 117,84 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 182,11 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 WS2EI

SPECIFIC		CONTROL VALVE FLOW RATES	
Inlet/Outlet	2" female BSPT	Service Δp 1 bar/15 psi drop	26,1 m ³ /h
Cycles	Up to 6	Backwash Δp 1.7 bar/25 psi drop	18,2 m ³ /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		DIMENSIONS	
Accuracy	± 5%	Distributor Pilot	50 mm
Flow Rate Range	5,7 ÷ 568 lpm	Drain Line Connection	1,5" Femmina NPT
Volume Range	0,02 ÷ 5.700 m ³	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 m ³	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
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 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 servi
- 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.	Subfam.	Disp. Stock	
V2EIDMA-18	WS2EI VALVE DN M I-A QC	025	830		
V2EIDMB-18	WS2EI VALVE DN M I-B QC	025	830		
V2EIDMC-18	WS2EI VALVE DN M I-C QC	025	830		
V2EIDMD-18	WS2EI VALVE DN M I-D QC	025	830		
V2EIDME-18	WS2EI VALVE DN M I-E QC	025	830		
V2EIDMF-18	WS2EI VALVE DN M I-F QC	025	830		
V2EIDMG-18	WS2EI VALVE DN M I-G QC	025	830		
V2EIUMA-18	WS2EI VALVE UP M I-A QC	025	830		
V2EIUMB-18	WS2EI VALVE UP M I-B QC	025	830		
V2EIDTA-18	WS2EI VALVE DN T I-A QC	025	830		
V2EIDTB-18	WS2EI VALVE DN T I-B QC	025	830		
V2EIDTC-18	WS2EI VALVE DN T I-C QC	025	830		
V2EIDTD-18	WS2EI VALVE DN T I-D QC	025	830		
V2EIDTE-18	WS2EI VALVE DN T I-E QC	025	830		
V2EIDTF-18	WS2EI VALVE DN T I-F QC	025	830		
V2EIDTG-18	WS2EI VALVE DN T I-G QC	025	830		
V2EIBMZ-18	WS2EI VALVE BW M I-Z QC	025	830		
V2EIBTZ-18	WS2EI VALVE BW T I-Z QC	025	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.	Subfam.	Disp. Stock	
V3064	WS2H/2 QC 4	025	850		
V3055	WS2H/2 QC 6	025	850		
V3260BSPT-02	WS2H/2 QC 2" SIDE MOUNT BASE ASSEMBLY BSPT	025	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"	Up flow	included	Not included
V2EIUMB-18	Softening System	30"	Up flow	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 (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 an unstable power grid. Price Adder 117,84 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 182,11 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 WS2EIQC

SPECIFIC		CONTROL VALVE FLOW RATES	
Inlet/Outlet	2" female BSPT	Service Δp 1 bar/15 psi drop	473 lpm (28,4 m ³ /h) (125 gpm)
Cycles	Up to 6	Backwash Δp 1.7 bar/25 psi drop	322 lpm (19,3 m ³ /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		DIMENSIONS	
Accuracy	± 5%	Distributor Pilot	63 mm
Flow Rate Range	5,7 ÷ 568 lpm	Drain line connection	1,5" NPT
Volume Range	0,02 ÷ 5.700 m ³	Brine Line Adapters Included	1" Male NPT elbow, 3/4" x 1" solvent weld elbow and 1/2" OD Poly Tube Compression
Totalizer	0,001 - 4.294.000 m ³	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	
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.	Subfam.	Disp. Stock	
V2CIDMD-05	WS2CI VALVE DN M I-D	025	820		
V2CIDME-05	WS2CI VALVE DN M I-E	025	820		
V2CIDMF-05	WS2CI VALVE DN M I-F	025	820		
V2CIDMG-05	WS2CI VALVE DN M I-G	025	820		
V2CIUMA-05	WS2CI VALVE UP M I-A	025	820		
V2CIUMB-05	WS2CI VALVE UP M I-B	025	820		
V2CIDTA-05	WS2CI VALVE DN T I-A	025	820		
V2CIDTB-05	WS2CI VALVE DN T I-B	025	820		
V2CIDTC-05	WS2CI VALVE DN T I-C	025	820		
V2CIDTD-05	WS2CI VALVE DN T I-D	025	820		
V2CIDTE-05	WS2CI VALVE DN T I-E	025	820		
V2CIDTF-05	WS2CI VALVE DN T I-F	025	820		
V2CIDTG-05	WS2CI VALVE DN T I-G	025	820		
V2CIBMZ-05	WS2CI VALVE BW M I-Z	025	820		
V2CIBTZ-05	WS2CI VALVE BW T I-Z	025	820		



CLACK VALVE WS2CI

Ref	Softening System/Filter	Ø Injector Tank size	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 117,84 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 182,11 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 WS2CI

SPECIFIC		CONTROL VALVE FLOW RATES	
Inlet/Outlet	2 female BSPT	Service Δp 1 bar/15 psi drop	26,1 m ³ /h
Cycles	Up to 9	Backwash Δp 1.7 bar/25 psi drop	18,2 m ³ /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		DIMENSIONS	
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 m ³	Brine Line Adapters Included	1" Male NPT elbow, 3/4" x 1" solvent weld elbow and 1/2" OD Poly Tube Compression
Totalizer	1 - 99.999 m ³	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.	Subfam.	Disp. Stock	
V2CIDMA-18	WS2CI VALVE DN M I-A QC	025	820		
V2CIDMB-18	WS2CI VALVE DN M I-B QC	025	820		
V2CIDMC-18	WS2CI VALVE DN M I-C QC	025	820		
V2CIDMD-18	WS2CI VALVE DN M I-D QC	025	820		
V2CIDME-18	WS2CI VALVE DN M I-E QC	025	820		
V2CIDMF-18	WS2CI VALVE DN M I-F QC	025	820		
V2CIDMG-18	WS2CI VALVE DN M I-G QC	025	820		
V2CIUMA-18	WS2CI VALVE UP M I-A QC	025	820		
V2CIUMB-18	WS2CI VALVE UP M I-B QC	025	820		
V2CIDTA-18	WS2CI VALVE DN T I-A QC	025	820		
V2CIDTB-18	WS2CI VALVE DN T I-B QC	025	820		
V2CIDTC-18	WS2CI VALVE DN T I-C QC	025	820		
V2CIDTD-18	WS2CI VALVE DN T I-D QC	025	820		
V2CIDTE-18	WS2CI VALVE DN T I-E QC	025	820		
V2CIDTF-18	WS2CI VALVE DN T I-F QC	025	820		
V2CIDTG-18	WS2CI VALVE DN T I-G QC	025	820		
V2CIBMZ-18	WS2CI VALVE BW M I-Z QC	025	820		
V2CIBTZ-18	WS2CI VALVE BW T I-Z QC	025	820		

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.	Subfam.	Disp. Stock	
V3064	WS2H/2 QC 4	025	850		
V3055	WS2H/2 QC 6	025	850		
V3260BSPT-02	WS2H/2 QC 2" SIDE MOUNT BASE ASSEMBLY BSPT	025	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 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 117,84 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 182,11 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 WS2CIQC

SPECIFIC		CONTROL VALVE FLOW RATES	
Inlet/Outlet	2" female BSPT	Service Δp 1 bar/15 psi drop	28,4 m ³ /h
Cycles	Up to 9	Backwash Δp 1.7 bar/25 psi drop	19,3 m ³ /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		DIMENSIONS	
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 m ³	Brine Line Adapters Included	3/4" x 1" solvent weld elbow and 1/2" OD Poly Tube Compression
Totalizer	1 - 99.999 m ³	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 regenerant 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.	Subfam.	Disp. Stock	
V2HDMA-05	WS2H VALVE DN M I-A	025	840		
V2HDMB-05	WS2H VALVE DN M I-B	025	840		
V2HDMC-05	WS2H VALVE DN M I-C	025	840		
V2HDMD-05	WS2H VALVE DN M I-D	025	840		
V2HDME-05	WS2H VALVE DN M I-E	025	840		
V2HDMF-05	WS2H VALVE DN M I-F	025	840		
V2HDMG-05	WS2H VALVE DN M I-G	025	840		
V2HDMH-05	WS2H VALVE DN M I-H	025	840		
V2HBMZ-05	WS2H VALVE BW M I-Z	025	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.	Subfam.	Disp. Stock	
V3064	WS2H/2 QC 4	025	850		
V3055	WS2H/2 QC 6	025	850		
V3260BSPT-02	WS2H/2 QC 2" SIDE MOUNT BASE ASSEMBLY BSPT	025	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.

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

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 m ³ /h
Cycles	Up to 9	Backwash Δp 25 psi/1.7 bar drop	28,4 m ³ /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		DIMENSIONS	
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 m ³	Brine Line Adapters Included	1" Male NPT elbow and ¾" x 1" solvent weld elbow ½" or 5/8" OD Poly Tube Compression
Totalizer	3,8 - 3.785.000 m ³	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 regenerant 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.	Subfam.	Disp. Stock	
V3DTA-05	WS3 VALVE DN T I-A	025	845		
V3DTB-05	WS3 VALVE DN T I-B	025	845		
V3DTC-05	WS3 VALVE DN T I-C	025	845		
V3DTD-05	WS3 VALVE DN T I-D	025	845		
V3DTE-05	WS3 VALVE DN T I-E	025	845		
V3DTF-05	WS3 VALVE DN T I-F	025	845		
V3DTG-05	WS3 VALVE DN T I-G	025	845		
V3DTH-05	WS3 VALVE DN T I-H	025	845		
V3BTZ-05	WS3 VALVE BW T I-Z	025	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.	Subfam.	Disp. Stock	
V3090	WS3 6	025	850		
V3674BSPT-02	WS3 SIDE MOUNT BASE ASSEMBLY BSPT	025	850		



CLACK VALVE WS3

Ref	Softening System/Filter	Ø Tank	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
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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		DIMENSIONS	
Accuracy	± 5%	Distributor tube O. D. diameter	90 mm OD
Flow Rate Range	13,3 ÷ 1.325 lpm	Drain line connection	3" F 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.	Subfam.	Disp. Stock	
V3006	WS1 BYPASS ASSEMBLY	015	760		
V3007	WS1 FITTING 1	015	760		
V3007-01	WS1 FITTING 3/4	015	760		
V3007-02LF	WS1 FITTING 1" BRASS SWEAT ASSEMBLY LF	015	760		
V3007-03LF	WS1 FITTING 3/4" BRASS SWEAT ASSEMBLY LF	015	760		
V3007-06	WS1 FITTING 1	015	760		
V3007-07	WS1 FITTING 1.25	015	760		
V3007-08	WS1 FITTING 1.25	015	760		
V3007-09LF	WS1 FITTING 1-1/4" & 1-1/2" BRASS SWEAT ASSY LF	015	760		
V3007-14	WS1 FITTING 3/4	015	760		
V3007-15	WS1 FITTING 3/4" JOHN GUEST QC ELBOW ASSEMBLY	015	760		
V3007-16	WS1 FITTING 1" PVC MALE BSPT 90 ASSEMBLY	015	760		
V3007-17	WS1 FITTING 1" JOHN GUEST QC ASSEMBLY	015	760		
V3007-19	WS1 FITTING 3/4" STRAIGHT JOHN GUEST QC	015	760		
V3008-02	WS1 DRAIN FITTING 1	015	760		
V3008-04	WS1 DRAIN FITTING 1	015	760		
V3008-05	WS2 DRAIN FITTING 1	025	850		
V3009	WS1 AUXILIARY MICROSWITCH ASSEMBLY	015	760		
V3009	WS1 AUXILIARY MICROSWITCH ASSEMBLY	015	760		
V3009	WS1 AUXILIARY MICROSWITCH ASSEMBLY	015	760		
V3009	WS1 AUXILIARY MICROSWITCH ASSEMBLY	015	760		
V3014	WS1 SERIES MICROSWITCH ASSEMBLY	015	760		
V3017	WS2 SERVICE OR FILL SWITCH ASSEMBLY	025	850		
V3022	WS1 STACK PULLER ASSEMBLY	015	760		
V3030-01	SYSTEM CONTROLLER BOX	015	760		
V3040BSPT	WS1.5 METER ASSEMBLY BSPT	025	850		
V3040BSPT-15	WS1.5 METER ASSEMBLY BSPT 15 FOOT METER CABLE	025	850		
V3051BSPT	WS2H/3 DLFC ASSY 2 M-BSPT X 2 F-BSPT (NO DLFC BUTTONS)	025	850		
V3053	WS2 2-1/2	025	850		
V3055	WS2H/2 QC 6	025	850		
V3064	WS2H/2 QC 4	025	850		
V3069FF-01	WS1/125 MAV FEMALE X FEMALE 3-WIRE	015	760		
V3069MM-01	WS1/125 MAV MALE X MALE 3-WIRE	015	760		



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

Ref	Description	Fam.	Subfam.	Disp. Stock	
V3190-090	WS1 DLFC 090 (9.0 GPM) FOR 1	025	850		
V3190-100	WS1 DLFC 100 (10.0 GPM) FOR 1	025	850		
V3190-110	WS1 DLFC 110 (11.0 GPM) FOR 1	025	850		
V3190-130	WS1 DLFC 130 (13.0 GPM) FOR 1	025	850		
V3190-150	WS1 DLFC 150 (15.0 GPM) FOR 1	025	850		
V3190-170	WS1 DLFC 170 (17.0 GPM) FOR 1	025	850		
V3190-200	WS1 DLFC 170 (17.0 GPM) FOR 1	025	850		
V3190-250	WS1 DLFC 250 (25.0 GPM) FOR 1	025	850		
V3191-01	WS1 BYPASS VERTICAL ADAPTER ASSEMBLY	015	760		
V3192	WS1 NUT 3/4	015	760		
V3193-02	WS1 SERVICE SPANNER WRENCH	015	760		
V3260BSPT-02	WS2H/2 QC 2" SIDE MOUNT BASE ASSEMBLY BSPT	025	850		
V3467	WS1 BY PASS INLINE ADAPTER FITTINGS	015	760		
V3474	WS ALTERNATING CONNECTION CORD 8	025	860		
V3475-12	WS2H/3 SYSTEM CONNECTION CORD 12' RED	025	850		
V3475-24	WS2H/3 SYSTEM CONNECTION CORD 24' BLUE		850		
V3475-36	WS2H/3 SYSTEM CONNECTION CORD 36	025	850		
V3478	WS1 INLINE BYPASS ASSEMBLY 1	015	760		
V3478-01	WS1 INLINE BYPASS ASSEMBLY 3/4	015	760		
V3783WC-A	WS2 WEATHER COVER ALMOND	025	850		
V3783WC-W	WS2 WEATHER COVER WHITE	025	850		
V3974WC-A	WS15 WEATHER COVER ALMOND GENERATION 2	025	850		
V3962	WS1 DRAIN ELBOW & RETAINER ASSY W/O SILENCER	015	760		
V3974WC-W	WS15 WEATHER COVER WHITE GENERATION 2	025	850		
V4052-01	TT TWIN TANK INTERCONNECT KIT FOR 12"-21" TANKS	015	760		
V4057	WS1 DRAIN ELBOW & RETAINER ASSY W/SILENCER	015	760		
V4099	WS1 EXTERNAL IN-LINE MIXING VALVE	015	760		
V4276-15	15' POWER CORD	015	760		
V4276-36	36' POWER CORD	015	760		
V4325	SOFTWARE CONFIGURATOR PROGRAM	015	760		
V-D1199-04	TOP STACK DISTRIBUTOR 50 MM	025	850		
V-D1199-05	TOP STACK DISTRIBUTOR 63 MM	025	850		
V-D1200-04	TOP STACK DISTRIBUTOR 63 MM FOR FLANGE TANKS	025	850		
V-D1203-03	UPPER SCREEN 32 MM-TWIST LOCK	015	760		
V-D1300	TOP BAFFLE DISTRIBUTOR 50 MM	025	850		
V-PKP10TS8-BULK	POLYTUBE INSERT 5/8	015	760		



CLACK VALVE: WS2H, WS3

ACCESSORIES

Ref	Description	Fam.	Subfam.	Disp. Stock	
V3051BSPT	WS2H/3 DLFC ASSY 2 M-BSPT X 2 F-BSPT (NO DLFC BUTTONS)	025	850		
V3053	WS2 2-1/2	025	850		
V3055	WS2H/2 QC 6	025	850		
V3064	WS2H/2 QC 4	025	850		
V3076BSPT	WS2 MAV BSPT REVISION 2 (PISTON STYLE)	025	850		
V3116-06	LABEL FOR INJECTOR PLUG	015	770		
V3080BSPT	WS2 DLFC ASSY 1.5 M-NPT X 1.5 F-BSPT (NO DLFC BUTTONS)	025	850		
V3083BSPT	WS3 MOTORIZED ALTERNATING VALVE BSPT	025	850		
V3090	WS3 6	025	850		
V3095BSPT	WS3 3" METER ASSEMBLY BSPT MALE X FEMALE	025	850		
V3095BSPT-15	WS3 MOTORIZED ALTERNATING VALVE BSPT	025	850		
V3098BSPT	2" NO HARD WATER BYPASS MALE X FEMALE BSPT	025	850		
V3099BSPT	WS3 NO HARD WATER BYPASS MALE X FEMALE BSPT	025	850		
V3162-007	WS1 DLFC 007 (0.7 GPM) FOR 3/4	015	760		
V3162-010	WS1 DLFC 010 (1.0 GPM) FOR 3/4	015	760		
V3162-013	WS1 DLFC 013 (1.3 GPM) FOR 3/4	015	760		
V3162-017	WS1 DLFC 017 (1.7 GPM) FOR 3/4	015	760		
V3162-022	WS1 DLFC 022 (2.2 GPM) FOR 3/4	015	760		
V3162-027	WS1 DLFC 027 (2.7 GPM) FOR 3/4	015	760		
V3162-032	WS1 DLFC 032 (3.2 GPM) FOR 3/4	015	760		
V3162-042	WS1 DLFC 042 (4.2 GPM) FOR 3/4	015	760		
V3162-053	WS1 DLFC 053 (5.3 GPM) FOR 3/4	015	760		
V3162-065	WS1 DLFC 065 (6.5 GPM) FOR 3/4	015	760		
V3162-075	WS1 DLFC 075 (7.5 GPM) FOR 3/4	015	760		
V3162-090	WS1 DLFC 090 (9.0 GPM) FOR 3/4	015	760		



CLACK VALVE: WS2H, WS3

Ref	Description	Fam.	Subfam.	Disp. Stock	
V3162-100	WS1 DLFC 100 (10.0 GPM) FOR 3/4	015	760		
V3190-090	WS1 DLFC 090 (9.0 GPM) FOR 1	025	850		
V3190-100	WS1 DLFC 100 (10.0 GPM) FOR 1	025	850		
V3190-110	WS1 DLFC 110 (11.0 GPM) FOR 1	025	850		
V3190-130	WS1 DLFC 130 (13.0 GPM) FOR 1	025	850		
V3190-150	WS1 DLFC 150 (15.0 GPM) FOR 1	025	850		
V3190-170	WS1 DLFC 170 (17.0 GPM) FOR 1	025	850		
V3190-200	WS1 DLFC 170 (17.0 GPM) FOR 1	025	850		
V3190-250	WS1 DLFC 250 (25.0 GPM) FOR 1	025	850		
V3260BSPT-02	WS2H/2 QC 2" SIDE MOUNT BASE ASSEMBLY BSPT	025	850		
V3243-01BOARD	WS2H/3 PC BOARD SYSTEM WITH RELAY	025	860		
V3461-01	WS2H/3 AC 20V ADAPTER USA	025	850		
V3461EU-01	WS2H/3 AC 20V ADAPETR EU	025	850		
V3461UK-01	WS2H/3 AC 20V ADAPTER UK	025	850		
V3474	WS ALTERNATING CONNECTION CORD 8	025	860		
V3475-12	WS2H/3 SYSTEM CONNECTION CORD 12' RED	025	850		
V3475-24	WS2H/3 SYSTEM CONNECTION CORD 24' BLUE	025	850		
V3475-36	WS2H/3 SYSTEM CONNECTION CORD 36	025	850		
V3674BSPT-02	WS1 BYPASS ROTOR SEAL RETAINER	025	850		
V3764BSPT	WS3 DLFC ASSY 3 M-BSPT X 3 F-BSPT (NO DLFC BUTTONS)	025	850		
V4039	WS3 METER ASSEMBLY WITH 4' CORD	025	850		
V4051WC	WS2H/3 WEATHER COVER	025	850		
V-D1199-05	TOP STACK DISTRIBUTOR 63 MM	025	850		
V-D1200-04	TOP STACK DISTRIBUTOR 63 MM FOR FLANGE TANKS	025	850		



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

Ref	Description	Fam.	Subfam.	Disp. Stock	
V3010-1A	WS1 INJECTOR ASSEMBLY A BLACK	015	770		
V3010-1B	WS1 INJECTOR ASSEMBLY B BROWN	015	770		
V3010-1C	WS1 INJECTOR ASSEMBLY C VIOLET	015	770		
V3010-1D	WS1 INJECTOR ASSEMBLY D RED	015	770		
V3010-1E	WS1 INJECTOR ASSEMBLY E WHITE	015	770		
V3010-1F	WS1 INJECTOR ASSEMBLY F BLUE	015	770		
V3010-1G	WS1 INJECTOR ASSEMBLY G YELLOW	015	770		
V3010-1H	WS1 INJECTOR ASSEMBLY H GREEN	015	770		
V3010-1I	WS1 INJECTOR ASSEMBLY I ORANGE	015	770		
V3010-1J	WS1 INJECTOR ASSEMBLY J LIGHT BLUE	015	770		
V3010-1K	WS1 INJECTOR ASSEMBLY K LIGHT GREEN	015	770		
V3010-1Z	WS1 INJECTOR ASSEMBLY Z PLUG	015	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.	Subfam.	Disp. Stock	
V3010-15B	WS1.5 / WS2 INJECTOR ASSEMBLY B VIOLET	025	860		
V3010-15C	WS1.5 / WS2 INJECTOR ASSEMBLY C RED	025	860		
V3010-15D	WS1.5 / WS2 INJECTOR ASSEMBLY D WHITE	025	860		
V3010-15E	WS1.5 / WS2 INJECTOR ASSEMBLY E BLUE	025	860		
V3010-15F	WS1.5 / WS2 INJECTOR ASSEMBLY F YELLOW	025	860		
V3010-15G	WS1.5 / WS2 INJECTOR ASSEMBLY G GREEN	025	860		
V3010-15H	WS1.5 / WS2 INJECTOR ASSEMBLY H ORANGE	025	860		
V3010-15I	WS1.5 / WS2 INJECTOR ASSEMBLY I GRAY PVC	025	860		
V3010-15Z	WS1.5 / WS2 INJECTOR ASSEMBLY Z PLUG	025	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.	Subfam.	Disp. Stock	
V3010-2A	WS2/2H/3 INJECTOR ASSEMBLY A	025	860		
V3010-2B	WS2/2H/3 INJECTOR ASSEMBLY B	025	860		
V3010-2C	WS2/2H/3 INJECTOR ASSEMBLY C	025	860		
V3010-2D	WS2/2H/3 INJECTOR ASSEMBLY D	025	860		
V3010-2E	WS2/2H/3 INJECTOR ASSEMBLY E	025	860		
V3010-2F	WS2/2H/3 INJECTOR ASSEMBLY F	025	860		
V3010-2G	WS2/2H/3 INJECTOR ASSEMBLY G	025	860		
V3010-2H	WS2H/3 INJECTOR ASSEMBLY H	025	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.	Subfam.	Disp. Stock	
V3010-2R-15B	WS2/WS2H INJECTOR R MODIFIED ASSEMBLY W/3010-15B (12	025	860		
V3010-2S-15C	WS2/WS2H INJECTOR S MODIFIED ASSEMBLY W/3010-15C (13	025	860		
V3010-2T-15D	WS2/WS2H INJECTOR T MODIFIED ASSEMBLY W/3010-15D (14	025	860		
V3010-2U-15E	WS2/WS2H INJECTOR U MODIFIED ASSEMBLY W/3010-15E (16	025	860		
V3010-2A	WS2/2H/3 INJECTOR ASSEMBLY A	025	860		
V3010-2B	WS2/2H/3 INJECTOR ASSEMBLY B	025	860		
V3010-2C	WS2/2H/3 INJECTOR ASSEMBLY C	025	860		
V3010-2D	WS2/2H/3 INJECTOR ASSEMBLY D	025	860		
V3010-2E	WS2/2H/3 INJECTOR ASSEMBLY E	025	860		
V3010-2F	WS2/2H/3 INJECTOR ASSEMBLY F	025	860		
V3010-2G	WS2/2H/3 INJECTOR ASSEMBLY G	025	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