

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.



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

Ref.	Model	Description	Price EURO
AB300	368 / 604	VAL.368/604 3/4" M REFILL.14 INJ E DLFC 0.9 GPM 12/230V 50HZ EURO PLUG	276,50
AB301	368 / 604	VAL.368/604 3/4" M REFILL.14 INJ F DLFC 1.20 GPM 12/230V 50HZ EURO PLUG	276,50
AB302	368 / 604	VAL.368/604 3/4" M REFILL.14 INJ G DLFC 1.60 GPM 12/230V 50HZ EURO PLUG	276,50
AB303	368 / 604	VAL.368/604 3/4" M REFILL.14 INJ H DLFC 2.00 GPM 12/230V 50HZ EURO PLUG	276,50
AB400 (*)	368 / 606	VAL.368/606 3/4" M REFILL.14 INJ E DLFC 0.9 GPM 12/230V 50HZ EURO PLUG	370,02
AB401 (*)	368 / 606	VAL.368/606 3/4" M REFILL.14 INJ F DLFC 1.20 GPM 12/230V 50HZ EURO PLUG	370,02
AB402 (*)	368 / 606	VAL.368/606 3/4" M REFILL.14 INJ G DLFC 1.60 GPM 12/230V 50HZ EURO PLUG	370,02
AB403 (*)	368 / 606	VAL.368/606 3/4" M REFILL.14 INJ H DLFC 2.00 GPM 12/230V 50HZ EURO PLUG	370,02
AB500	368 / 606 B	VAL.368/606 3/4" M REF.14 INJ E DLFC 0.9 GPM 12/230V 50HZ EUR P+ BYPASS	445,70
AB501	368 / 606 B	VAL.368/606 3/4" M REF.14 INJ F DLFC 1.20 GPM 12/230V 50HZ EUR P+ BYPASS	445,70
AB502	368 / 606 B	VAL.368/606 3/4" M REF.14 INJ G DLFC 1.60 GPM 12/230V 50HZ EUR P+ BYPASS	445,70
AB503	368 / 606 B	VAL.368/606 3/4" M REF.14 INJ H DLFC 2.00 GPM 12/230V 50HZ EUR P+ BYPASS	445,70

(*) NOTE: It's not possible to coupling the bypass with a valve shipped without bypass



Autotrol Residential Valves Series 255 with Series 400 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 $K_v = 3,4$;
- backwash flow rate = 22,7 lpm @ Δp 1,72 bar;
- resin volume range = 5 ÷ 75 litres;
- available with series 400 controller (see 01-03-01-EN data sheet):
 - 460tc electronic chronometric;
 - 460i electronic volumetric;
- with European transformer 12/230V – 50Hz, except models with 450i pulse controller which need separate alimentation 24V – 50Hz;
- adapters and manifold kit not included, to order separately: see 01-04-01-EN and 01-04-05-EN data sheets;
- accessories (e.g. upper screen, etc.) not included.



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

Ref.	Model	Description	Price EURO
AA310	255 / 460tc	VALV. 255/460tc 59' A-A 07 12/220V 50HZ SYM	320,17
AA311	255 / 460tc	VALV. 255/460tc 59' A-A 08 12/220V 50HZ SYM	320,17
AA313	255 / 460tc	VALV. 255/460tc 118' A-A 08 12/220V 50HZ SYM	320,17
AA315	255 / 460tc	VALV. 255/460tc 118' B-B 10 12/220V 50HZ SYM	320,17

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 $K_v = 3,4$;
- backwash flow rate = 22,7 lpm @ Δp 1,72 bar;
- resin volume range = 5 ÷ 75 litres;
- available with series LOGIX controller (see 01-03-02-EN data sheet):
 - 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:
see 01-04-01-EN and 01-04-05-EN data sheets;
- accessories (e.g. upper screen, etc.) not included.



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

Ref.	Model	Description	Price EURO
AA203E	255 / 740C	VALV. 255/740C BW 07 INJ F SYMBOL 12/230V 50HZ EURO PLUG	323,79
AA212E	255 / 740C	VALV. 255/740C BW 10 INJ J SYMBOL 12/230V 50HZ EURO PLUG	323,79
AA212EE	255 / 740C	VALV. 255/740C BW 10 INJ J SYMBOL 12/230V 50HZ ENG. PLUG	323,79
AA101E	255 / 742C	VALV. 255/742C .33 F 07 SYMBOL 12/230V 50HZ EURO PLUG	350,93
AA104E	255 / 742C	VALV. 255/742C .33 J 10 SYMBOL 12/230V 50HZ EURO PLUG	350,93
AC203E	255 / 760C	VALV. 255/760C BW 07 INJ F SYMBOL 12/230V 50HZ EURO PLUG	410,79
AC206E	255 / 760C	VALV. 255/760C BW 08 INJ G SYMBOL 12/230V 50HZ EURO PLUG	410,79
AC209E	255 / 760C	VALV. 255/760C BW 09 INJ H SYMBOL 12/230V 50HZ EURO PLUG	410,79
AC212E	255 / 760C	VALV. 255/760C BW 10 INJ J SYMBOL 12/230V 50HZ EURO PLUG	410,79
AC212EE	255 / 760C	VALV. 255/760C BW 10 INJ J SYMBOL 12/230V 50HZ ENG. PLUG	410,79
AC215E	255 / 760C	VALV. 255/760C BW 12 INJ K SYMBOL 12/230V 50HZ EURO PLUG	410,79
AC218E	255 / 760C	VALV. 255/760C BW 13 INJ L SYMBOL 12/230V 50HZ EURO PLUG	410,79
AC221E	255 / 760C	VALV. 255/760C BW 14 INJ L SYMBOL 12/230V 50HZ EURO PLUG	410,79
AC101E	255 / 762C	VALV. 255/762C .33 F 07 SYMBOL 12/230V 50HZ EURO PLUG	447,46
AC102E	255 / 762C	VALV. 255/762C .33 G 08 SYMBOL 12/230V 50HZ EURO PLUG	447,46
AC104E	255 / 762C	VALV. 255/762C .33 J 10 SYMBOL 12/230V 50HZ EURO PLUG	447,46
AC105E	255 / 762C	VALV. 255/762C .33 K 12 SYMBOL 12/230V 50HZ EURO PLUG	447,46
AC106E	255 / 762C	VALV. 255/762C .33 L 13 SYMBOL 12/230V 50HZ EURO PLUG	447,46

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 (see 01-03-02-EN data sheet);
- 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, see 01-04-01-EN data sheet) and accessories (e.g. upper screen, etc.) not included, to order separately: see 01-04-05-EN data sheet



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

Ref.	Model	Description	Price EURO
AF054E	255 / 764 TWIN	VALV. 255/764 TWIN BW 10 INJ J SYMBOL 12/230V 50HZ EURO PLUG	732,17
AF056E	255 / 764 TWIN	VALV. 255/764 TWIN BW 13 INJ L SYMBOL 12/230V 50HZ EURO PLUG	732,17

Autotrol Residential Valves Series 263 with 460tc Controller



- for automatic and residential water filtration systems;
- with 460tc electronic chronometric controller (see 01-03-01-EN data sheet);
- valve body in NSF listed Noryl plastic material;
- valve rubber compounded for cold water, NSF listed material;
- operating flow rate $K_v = 5,6$;
- 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:
see 01-04-02-EN and 01-04-05-EN data sheets;
- accessories (ex. upper screen, etc.) not included.



Characteristics	
Pressure vessel connection	Threaded 2 1/2" - 8 UN male
Drain line connection	Threaded 3/4" 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
Pressure vessel connection	Threaded 2 1/2" - 8 UN male
Operating pressure	1,38 ÷ 8,27 bar
Water temperature	2°C ÷ 38°C

Ref.	Model	Description	Price EURO
AL060	263 / 460tc	VALV. 263/460tc 118' BW 12 - 12V.50 HZ SYM	362,57

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 $K_v = 5,6$;
- backwash flow rate = 75,7 lpm @ Δp 1,72 bar;
- resin volume range = 30 ÷ 125 litres;
- available with series LOGIX controller (see 01-03-02-EN data sheet):
 - 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:
see 01-04-02-EN and 01-04-05-EN data sheets;
- accessories (e.g. upper screen, etc.) not included;
- for 268FA/742 and 268FA/762 models see 01-01-10-EN data sheet



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

Ref.	Model	Description	Price EURO
AM218E	268 / 740C	VALV. 268/740C BW 13 INJ L SYMBOL 12/230V 50HZ EURO PLUG	356,75
AM061E	268 / 742C	VALV. 268/742C .33 J 10 SYMBOL 12/230V 50HZ EURO PLUG	384,97
AM062E	268 / 742C	VALV. 268/742C .33 K 12 SYMBOL 12/230V 50HZ EURO PLUG	384,97
AP221E	268 / 760C	VALV. 268/760C BW 14 INJ L SYMBOL 12/230V 50HZ EURO PLUG	480,20
AP042E	268 / 762C	VALV. 268/762C .33 K 12 SYMBOL 12/230V 50HZ EURO PLUG	517,88
AP044E	268 / 762C	VALV. 268/762C .33 L 14 SYMBOL 12/230V 50HZ EURO PLUG	517,88
AP046E	268 / 762C	VALV. 268/762C .33 M 14 SYMBOL 12/230V 50HZ EURO PLUG	517,88

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 $K_v = 5,6$;
- backwash flow rate = 75,7 lpm @ Δp 1,72 bar;
- available with series LOGIX controller (see 01-03-02-EN data sheet):
 - 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:
see 01-04-02-EN and 01-04-05-EN data sheets;
- accessories (e.g. upper screen, etc.) not included.



Characteristics	
Pressure vessel connection	Threaded 2 ½" - 8 UN male
Drain 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
Pressure vessel connection	Threaded 2 ½" - 8 UN male
Operating pressure	1,38 ÷ 8,27 bar
Water temperature	2°C ÷ 38°C

Ref.	Model	Description	Price EURO
AL209E	263 / 740F	VALV. 263/740F BW 13 INJ H SYMBOL 12/230V 50HZ EURO PLUG	356,75
AL215E-00	263 / 740F	VALV. 263/740F NO BW INJ K SYMBOL 12/230V 50HZ EURO PLUG	335,92
AL073E	263 / 742F	VALV. 263/742F BW 14 INJ L SYMBOL 12/230V 50HZ EURO PLUG	384,97
AL075E-00	263 / 742F	VALV. 263/742F NO BW INJ L SYMBOL 12/230V 50HZ EURO PLUG	364,14

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 (see 01-03-02-EN data sheet):
 - 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:
see 01-04-02-EN and 01-04-05-EN data sheets;
- accessories (e.g. upper screen, etc.) not included.



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

Ref.	Model	Description	Price EURO
AQ066E	268FA / 742	VALV. 268FA/742 BW 10 GPM (13") INJ L SYMBOL 12/230V 50HZ EURO PLUG	384,97

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 (see 01-03-02-EN data sheet):
 - 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:
see 01-04-02-EN and 01-04-05-EN data sheets;
- accessories (e.g. upper screen, etc.) not included



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

Ref.	Model	Description	Price EURO
AR104E	278 / 742C	VALV. 278/742C 1.3 M 14 SYMBOL 12/230V 50HZ EURO PLUG	450,76
AR105E	278 / 742C	VALV. 278/742C 1.3 N 16 (7 GPM) SYMBOL 12/230V 50HZ EURO PLUG	450,76
AR106E	278 / 742C	VALV. 278/742C 1.3 Q 18 (9 GPM) SYMBOL 12/230V 50HZ EURO PLUG	450,76
AR114E	278 / 762C	VALV. 278/762C 1.3 M 14 SYMBOL 12/230V 50HZ EURO PLUG	583,89
AR115E	278 / 762C	VALV. 278/762C 1.3 N 16 (7 GPM) SYMBOL 12/230V 50HZ EURO PLUG	583,89
AR116E	278 / 762C	VALV. 278/762C 1.3 Q 18 (9 GPM) SYMBOL 12/230V 50HZ EURO PLUG	583,89
AR117E	278 / 762C	VALV. 278/762C 1.3 R 21 (12 GPM) SYMBOL 12/230V 50HZ EURO PLUG	583,89

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 (see 01-03-02-EN data sheet);
- 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 (see 01-04-03-EN data sheet) and accessories (e.g. upper screen, etc.) not included, to order separately: see 01-04-02-EN and 01-04-05-EN data sheets.



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

Ref.	Model	Description	Price EURO
AN083E	278 / 764 TWIN	VALV. 278/764 TWIN 1.3 M 14 SYMBOL 12/230V 50HZ EURO PLUG	995,79
AN084E	278 / 764 TWIN	VALV. 278/764 TWIN 1.3 N 16 (7 GPM) SYMBOL 12/230V 50HZ EURO PLUG	995,79
AN085E	278 / 764 TWIN	VALV. 278/764 TWIN 1.3 Q 18 (9 GPM) SYMBOL 12/230V 50HZ EURO PLUG	995,79
AN086E	278 / 764 TWIN	VALV. 278/764 TWIN 1.3 R 21 (12 GPM) SYMBOL 12/230V 50HZ EURO PLUG	995,79

Autotrol Residential Valves Series 278 with 764 Controller for Multitank Systems



- for automatic and residential / commercial water softening systems;
- with electronic volumetric 764 controller (see 01-03-02-EN data sheet);
- 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 lpm @ Δp 1,72 bar;
- resin volume range for each tank = 45 ÷ 225 litres;
- with European transformer 12/230V – 50Hz for each valve;
- adapters and manifold kit not included, to order separately:
see 01-04-02-EN and 01-04-05-EN data sheets;
- accessories (e.g. upper screen, etc.) not included.



Characteristics	
Pressure vessel connection	Threaded 2 1/2" - 8 UN male
Connezzione linea di scarico	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

Ref.	Model	Description	Price EURO
AN103E	278 / 764 SIN	VALV. 278/764L 1.3 M 14 SYMBOL 12/230V 50HZ EURO PLUG	605,64

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 KMnO_4 or decarbonisation using HCl , 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;
- resin volume range = 100 ÷ 700 litres;
- available with series LOGIX controller (see 01-03-02-EN data sheet):
 - 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: see 01-04-04-EN and 01-04-05-EN data sheets;
- 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, see 01-04-04-EN data sheet).



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
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

Ref.	Model	Description	Price EURO
CA201E	298 CV/742	MAGNUM 1.5" 298/742 16" (6 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG	986,46
CA205E	298 CV/742	MAGNUM 1.5" 298/742 30" (20 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG	986,46
CA215E	298 CV/742	MAGNUM 1.5" 298/742 30" (20 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	1.047,53
CA216E	298 CV/742	MAGNUM 1.5" 298/742 36" (30 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	1.047,53
CA221E	298 CV/762	MAGNUM 1.5" 298/762 16" (6 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG	1.339,59
CA222E	298 CV/762	MAGNUM 1.5" 298/762 18" (8 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG	1.339,59
CA236E	298 CV/762	MAGNUM 1.5" 298/762 36" (30 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	1.419,45

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



- for automatic and industrial water filtration systems;
- valve body in NSF listed Noryl plastic material with 304 Stainless Steel tank adapter (for heavy applications, like sea water, the Noryl tank adapter is available on request);
- o-rings in EPDM material;
- operating flow rate Kv = 17;
- backwash flow rate = 337 lpm @ Δp 1,72 bar;
- available with series LOGIX controller (see 01-03-02-EN data sheet):
 - 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: see 01-04-04-EN and 01-04-05-EN data sheets;
- PVC 2" side mounting adapter available on demand (REF. CC084, see 01-04-04-EN data sheet).



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
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

Ref.	Model	Description	Price EURO
CA240E	293 CV/742F	MAGNUM 1.5" 293/742F (5 GPM) UWB SYMBOL 12/230V 50HZ EURO PLUG	986,46
CA241E	293 CV/742F	MAGNUM 1.5" 293/742F (5 GPM) NUB SYMBOL 12/230V 50HZ EURO PLUG	1.047,53

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 KMnO_4 or decarbonisation using HCl , the Noryl tank adapter is available on request);
- o-rings in EPDM material;
- operating flow rate $\text{Kv} = 17$;
- backwash flow rate = 337 lpm @ Δp 1,72 bar;
- resin volume range = 100 ÷ 700 litres;
- available with series LOGIX controller (see 01-03-02-EN data sheet):
 - 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: see 01-04-04-EN and 01-04-05-EN data sheets;
- 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, see 01-04-04-EN data sheet).



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
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

Ref.	Model	Description	Price EURO
CB202E	298/742	MAGNUM IT 2" 298/742 18" (8 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG	1.077,08
CB221E	298/762	MAGNUM IT 2" 298/762 16" (6 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG	1.450,19
CB222E	298/762	MAGNUM IT 2" 298/762 18" (8 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG	1.450,19
CB223E	298/762	MAGNUM IT 2" 298/762 21" (10 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG	1.450,19
CB224E	298/762	MAGNUM IT 2" 298/762 24" (14 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG	1.450,19
CB226E	298/762	MAGNUM IT 2" 298/762 36" (30 GPM) HWB SYMBOL 12/230V 50HZ EURO PLUG	1.450,19
CB234E	298/762	MAGNUM IT 2" 298/762 24" (14 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	1.530,16
CB236E	298/762	MAGNUM IT 2" 298/762 36" (30 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	1.530,16

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 $K_v = 17$;
- backwash flow rate = 337 lpm @ Δp 1,72 bar;
- available with series LOGIX controller (see 01-03-02-EN data sheet):
 - 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: see 01-04-04-EN and 01-04-05-EN data sheets;
- PVC 2" side mounting adapter available on demand (REF. CC084, see 01-04-04-EN data sheet).



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
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

Ref.	Model	Description	Price EURO
CB240E	293/742F	MAGNUM IT 2" 293/742F (5 GPM) UWB SYMBOL 12/230V 50HZ EURO PLUG	1.077,08
CB241E	293/742F	MAGNUM IT 2" 293/742F (5 GPM) NUB SYMBOL 12/230V 50HZ EURO PLUG	1.158,24
CB245E	293/762F	MAGNUM IT 2" 293/762F (5 GPM) NUB SYMBOL 12/230V 50HZ EURO PLUG	1.530,16

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 (see 01-03-02-EN data sheet);
- valve body in NSF listed Noryl plastic material with 304 Stainless Steel tank adapter (for heavy applications, like iron removal using KMnO_4 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: see 01-04-04-EN and 1-04-05-EN data sheets;
- 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, see 01-04-04-EN data sheet);
- interconnection not included.



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
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

Ref.	Model	Description	Price EURO
CB250E	298 764 TWIN	MAGNUM 298 2" MIT-TWS-764-14" (5 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	3.036,85
CB251E	298 764 TWIN	MAGNUM 298 2" MIT-TWS-764-16" (6 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	3.036,85
CB252E	298 764 TWIN	MAGNUM 298 2" MIT-TWS-764-18" (8 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	3.036,85
CB253E	298 764 TWIN	MAGNUM 298 2" MIT-TWS-764-21" (10 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	3.036,85
CB254E	298 764 TWIN	MAGNUM 298 2" MIT-TWS-764-24" (14 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	3.036,85
CB255E	298 764 TWIN	MAGNUM 298 2" MIT-TWS-764-30" (20 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	3.036,85
CB256E	298 764 TWIN	MAGNUM 298 2" MIT-TWS-764-36" (30 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	3.036,85

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 (see 01-03-02-EN data sheet);
- for parallel systems;
- valve body in NSF listed Noryl plastic material with 304 Stainless Steel tank adapter (for heavy applications, like iron removal using KMnO_4 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 for each valve;
- available with or without by-pass;
- adapters, manifold kit and accessories (e.g. upper screen, etc.) not included, to order separately: see 01-04-04-EN and 01-04-05-EN data sheets;
- 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, see 01-04-04-EN data sheet);
- interconnection not included.



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
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

Ref.	Model	Description	Price EURO
CB266E	298 764 L	MAGNUM 298 2" MIT-SN-764-36" (30 GPM) NHB SYMBOL 12/230V 50HZ EURO PLUG	1.551,36