

A background image showing a person's hands being washed under a stream of water from a modern, chrome faucet in a sink. The image is split diagonally from the top-left to the bottom-right, with a dark blue triangle on the top-left and a white triangle on the bottom-right. The text is positioned on the white triangle.

# AUTOTROL

TECHNOLOGY YOU CAN  
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# AUTOTROL VALVES

The complete line of Autotrol composite multi-port valves, controllers and accessories provide the advanced features that end-users are looking for and the reliability and value that dealers are requiring.

Autotrol valves cover a wide range of application, either softening or filtration for residential, commercial or industrial markets, making it a brand of choice amongst water treatment professionals around the world

## Manufacturing

Founded in 1963, Autotrol valves and controllers are currently produced in our European center of expertise for valves in Pisa, Italy, where Fleck and SIATA valves are already assembled.



Autotrol production site in Pisa, Italy

## The complete range of Autotrol valves

### Residential/Commercial



	368	255 (400 series, 740, 742, 760 & 762)	255
Valve material	Glass Filled Noryl	Glass Filled Noryl	Glass Filled Noryl
Inlet/Outlet	3/4", 1"	1/2", 3/4", 1", 22 mm, 32 mm	1/2", 3/4", 1", 22 mm, 32 mm
Service flow rate (m <sup>3</sup> /h / gpm)	3.8/16.6	3.5/15.5	3.5/15.5
Backwash flow rate (m <sup>3</sup> /h / gpm)	0.6/2.73	1.4/6	1.4/6
Maximal softener tank size	10"	14"	14"
Filter tank size	6 - 24"	N/A	N/A
Regeneration type	Downflow	Downflow	Downflow
Adjustable cycles	• <sup>1</sup>	• <sup>2</sup>	•
Duplex			• <sup>3</sup>
Multiplex			• <sup>3</sup>
Drain connection	1/2"	1/2", 3/8"	1/2", 3/8"
Brine line	3/8"	3/8"	3/8"
Riser tube height (from the top of tank)	13 +/- 13 mm	29 +/- 3 mm	29 +/- 3 mm
Riser tube size	1.05"	1.05"	1.05"

•<sup>1</sup>: 4 different programs •<sup>2</sup>: All cycles are programmable (from 1' to 299') with Logix 742, 762, 764 controllers •<sup>3</sup>: with 764 controller

## Quality

All Autotrol Valves have been tested and verified for: 2014/35/UE low voltage, 2014/35/UE electromagnetic compatibility, ACS, DM174. On top of that, our Pisa plant is certified with ISO 45001:2018 (safe and healthy workplace for employees), ISO 14001:2015 (environmental management) and ISO 9001:2015 (effectiveness of quality processes).

## Operating principle

Autotrol valves are characterized by their principle of operation: flappers actuated by the cams of the camshaft. The advantage being frictionless seals, no parts subject to wear inside the valve, ease of maintenance, longer service intervals and longer life cycle of the valve.



## Easy-iQ controller for 255 and Performa valves

Residential/commercial electronic controller for single filter or softener applications, time-clock or volumetric with fully programmable cycle times. A colored back-lit, multilingual graphic display and quick start menu allow for fast and simple programming. Equipped with a USB-C port for easy software updates in the field, or in house customised programming upload.

Multiple intuitive programming modules are available for homeowners, installers and OEMs: today, with our new Easy iQ no need to develop specific proprietary software, it can quickly/easily be adjusted to all customers' needs.

- ▶ Customizable display with dealer name and phone number
- ▶ Password setting
- ▶ Holiday Mode
- ▶ Remote regeneration feature
- ▶ Salt alert settings & continuous flow alert for user
- ▶ Retrofitting capabilities with Logix model: quickstart-up menu and minimal programming allow a quick upgrading of existing versions.

## Logix Controllers for Magnum 293-298 and Multi-tank applications

**742** Commercial & industrial electronic time-clock controller for single filter or softener applications up to 42-inch diameter tanks, with fully programmable cycle times.

**762** Commercial & industrial electronic metered-demand (volumetric) controller for single filter or softener applications up to 42-inch diameter tanks, with fully programmable cycle times.

**764** Commercial & industrial electronic metered-demand (volumetric) controller for single filter or softener applications up to 42-inch diameter tanks, with fully programmable cycle times. It is also suited for multi-tank applications such as twin alternating, twin parallel, single tank remote regeneration start and multi single tank lockout capability for softeners and filter control.

### Residential/Commercial

### Industrial



#### Performa (263, 268, 269)

#### Performa CV (278)

#### Magnum (293, 298)

Glass Filled Noryl

3/4", 1", 22 mm, 32 mm

5.7/25

4.5/20

14"

6 - 24"

Downflow/Upflow (269)

•

•<sup>3</sup>

3/4"

3/8"

13 +/- 13 mm

1.05"

Glass Filled Noryl

3/4", 1", 22 mm, 32 mm

5.7/25

4.5/20

21"

6 - 24"

Downflow

•

•<sup>3</sup>

•<sup>3</sup>

3/4"

3/8"

13 +/- 13 mm

1.05"

Glass Filled Noryl

1 1/2" (Magnum Cv), 2" (Magnum IT)

17.3/76 (Magnum Cv), 18.2/80 (Magnum IT)

20.2/89

42"

14 - 36"

Downflow

•<sup>2</sup>

•<sup>3</sup>

•<sup>3</sup>

1 1/2"

1/2"

6 +/- 9 mm

1.5"

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