



# AUTOTROL

TECHNOLOGY  
YOU CAN RELY ON

FILTRATION SOLUTIONS



# 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 Brookfield (US) and 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

## QUALITY

All Autotrol valves have been certified by major EU certificates: CE, 206 / 95 / EC low voltage, 2004 / 108 / EC electromagnetic compatibility, ACS, WRAS and DM174. On top of that, our Pisa plant is ISO 9001: 2015 certified.

## 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.



## CUSTOMIZATION

Today, with our Logix 700 series controllers, we are able to develop proprietary software, perfectly adapted to all customers' needs.

## INNOVATION FOCUS

Our research and product development has continuously led to improve the earliest idea behind our foundation and the techniques for its application to your needs.

## LOGIX 700 SERIES CONTROLLERS

**740** Residential electronic time-clock controller for single-tank filter or softener applications up to 14-inch diameter tanks.

**760** Residential electronic metered-demand (volumetric) controller for single-tank filter or softener applications up to 14-inch diameter tanks.

**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.

## The complete range of Autotrol valves

	Residential/Commercial			Residential/Commercial		Industrial
	368	255	255 Logix	Performa	Performa CV	Magnum
Valve material	Glass Filled Noryl	Glass Filled Noryl	Glass Filled Noryl	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	3/4, 1", 22 mm, 32 mm	3/4, 1", 22 mm, 32 mm	1 1/2" (Magnum Cv), 2" (Magnum IT)
Service flow rate (m <sup>3</sup> /h / gpm)	3.8/16.6	3.5/15.5	3.5/15.5	5.7/25	5.7/25	17.3/76 (Magnum Cv), 18.2/80 (Magnum IT)
Backwash flow rate (m <sup>3</sup> /h / gpm)	0.6/2.73	1.4/6	1.4/6	4.5/20	4.5/20	20.2/89
Maximal softener tank size	10"	14"	14"	14"	21"	42"
Filter tank size	6 - 24"	N/A	N/A	6 - 24"	6 - 24"	14 - 36"
Regeneration type	Downflow	Downflow	Downflow	Downflow/Upflow (269)	Downflow	Downflow
Adjustable cycles	• <sup>1</sup>	• <sup>2</sup>	• <sup>3</sup>	• <sup>3</sup>	• <sup>3</sup>	• <sup>3</sup>
Duplex			•		•	•
Multiplex			•		•	•
Drain connection	1/2"	1/2, 3/8"	1/2, 3/8"	3/4"	3/4"	1 1/2"
Brine line	3/8"	3/8"	3/8"	3/8"	3/8"	1/2"
Riser tube height (from the top of tank)	13 +/- 13 mm	29 +/- 3 mm	29 +/- 3 mm	13 +/- 13 mm	13 +/- 13 mm	6 +/- 9 mm
Riser tube size	1.05"	1.05"	1.05"	1.05"	1.05"	1.5"

•<sup>1</sup>: 4 different programs •<sup>2</sup>: 3 fixed programs (59/90/118) •<sup>3</sup>: All cycles are programmable (from 1 to 299) with Logix 742, 762, 764 controllers

[www.pentairaqua.eu](http://www.pentairaqua.eu)