

# PERFORMA 269 EASY-IQ

AUTOTROL  
CONTROL VALVE



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## AUTOTROL CONTROL VALVE



### TECHNICAL CHARACTERISTICS

- ◆ Dedicated for softening applications, up to 14"
- ◆ Volumetric - 1" Autotrol internal turbine
- ◆ Soft water refill
- ◆ Upflow variable brining regeneration
- ◆ 100% Retrofitting capabilities with Logix valve with quick-start-up menu and minimal programming needed

### EASY-IQ CONTROLLER

Electronic controller time clock (chronometric) or metered (volumetric) in one	Manual regeneration, immediate or delayed
Quick start-up programming for user friendliness	Calendar override
Automatically calculated or fully programmable cycle times	Remote regeneration feature
Intuitive programming menus dedicated to homeowners, installers and OEMs	Reserve options: variable based on consumption or fixed % or volume
Colour display multi-lingual - 7 languages	Wifi ready (not connected)
Customizable software and messages	Salt setting in 10-grams increments
Password setting	Salt alert settings & continuous flow alert for user
USB-C port for easy software updates on the field or in house programming upload	Diagnostics menu with regeneration information, history water usage, and actual status datae
Holiday mode for the user	Supercapacitor back-up for minimum 24h in case of power failure

## VALVE SPECIFICATIONS

Valve Body	Glass-filled PPO – NSF Listed material
Rubber Components	Compounded for cold water – NSF Listed material
Valve Materials Certification	WQA Gold Seal Certified to ORD 0902, NSF/ANSI 44, CE, ACS
Weight (Valve with Control)	2.42 kg (5.34 lbs)
Recommended Operating Pressure	1.38-8.27 bar (20-120 psi)
Hydrostatic Test Pressure	20.69 bar (300 psi)
Water Temperature	2-38°C (35-100°F)
Ambient Temperature*	2-48.9°C (35-120°F)

\*Recommend use of outdoor cover for direct sunlight applications

## REGENERATION CYCLES

Refill	Variable, calculated by Easy-iQ upon remaining capacity at regeneration start
Brine preparation	Valves goes back to service for 120 minutes
Brine draw	Upflow
Slow rinse	Upflow
Backwash	
Fast rinse	

## TRANSFORMER

All Controllers require the use of a Pentair supplied transformer.

Electrical consumption	3W average
Transformer Input	230 VAC 50/60 Hz
Transformer Plug	European (default) UK (optional, to be ordered separately)

Additional transformers may be available – call for more information.

## FLOW RATES (VALVE ONLY)

Service @ 1.03 bar (15 psi) drop	5.7 m <sup>3</sup> /h (25.0 gpm)
Backwash @ 1.72 bar (25 psi) drop	4.5 m <sup>3</sup> /h (20.0 gpm)
Service	Kv = 5.6 (Cv = 6.50)
Backwash	Kv = 3.5 (Cv = 4.00)

## VALVE CONNECTIONS

Tank Thread	2½ inches – 8 NPSM
Inlet/Outlet Threads	¾" & 1" kit
Drain Line	¾ inch NPT, male
Brine Line	¾ inch NPT, male
Distributor Tube Diameter	27 mm (1.050 inch)
Distributor Tube Length	13 ± 3 mm (½ ± ⅛" inch) above top of tank

**OPTIONS**

Check salt

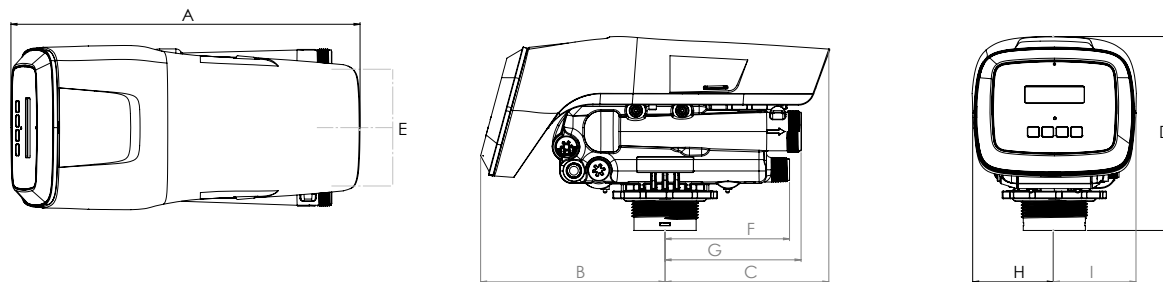
Bypass Valve, Model 1265 Glass filled PPO, 1-inch flow path

**Valves & Bypass fitting kits**

- Copper, Sweat Tube Adapter 32, 25 or 19 mm (1¼, 1 or ¾ inch)
- CPVC, Solvent Weld Tube Adapter 25 or 19 mm (1 or ¾ inch)
- Plastic NPT or BSPT Pipe Adapter 25 or 19 mm male (1 or ¾ inch)
- Stainless steel NPT or BSPT Pipe Adapter 25 or 19 mm male (1 or ¾ inch)

Brine Refill Controls 0.33 gpm (1.25 Lpm) fixed

**DIMENSIONS**



Units	A	B	C	D	E	F	G	H	I
cm	37.9	20.3	17.8	21.1	12.7	13.5	14.8	8.7	8.7
inches	14.9	7.9	7.0	8.5	5.0	5.3	5.8	3.4	3.4

**PERFORMANCE**

**BACKWASH FLOW CONTROL**

Backwash number*	Flow Rate (gpm)	Flow Rate (l/min)
7	1.2	4.5
8	1.6	6.1
9	2	7.6
10	2.5	9.5
12	3.5	13.2
13	4.1	15.5
14	4.8	18.2

\*Backwash flow controls sized for 5.0 gpm/sq. ft.

**FLOW RATE VS PRESSURE DROP**

