

# PERFORMA 269 EASY-1Q

AUTOTROL  
CONTROL VALVE



# PERFORMA 269 EASY-IQ

## 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 data |
| 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*           | 3-40°C (37-104°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)<br>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

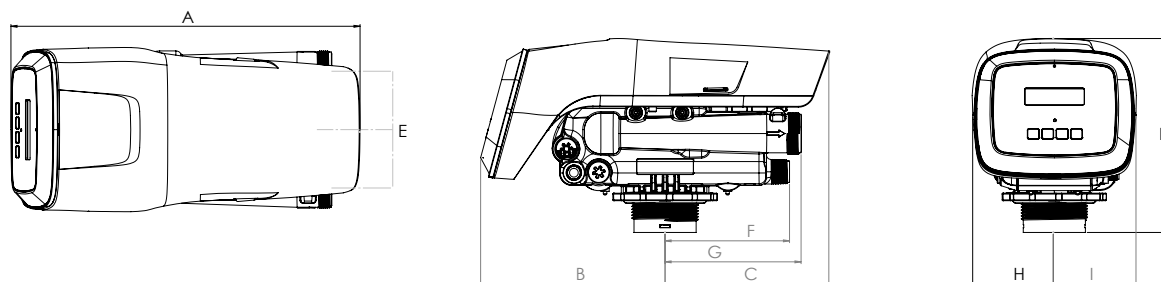
### Valves & Bypass fitting kits

- 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

