

# Autotrol® 368 Control Valves

Ultra-Compact Design



*Pentair Water® offers a full range of Autotrol Control Valves to meet all residential water conditioning applications.*

## The Perfect Fit

The 368 Valve Series is the all-around solution for new market opportunities. The low-profile design is the perfect fit for a full range of applications.

- OEM component for compact, cabinet-style systems
- Component for custom-build systems
- Replacement component for system repairs

## The Total Package

The 368 Valve is a fully-integrated valve/control combination that packs all the brainpower and performance in one ultra-compact housing.

- **Easy, Three-Step Programming** – Time-of-Day, Salt Dosage, Regeneration Interval
- **Full Range of Application Settings** – Water Saver and multiple Slow-rinse Cycles
- **Battery-Free Memory Retention** – Super capacitor provides time-of day-backup
- **Water Cycling Design** – Incorporates the time-tested reliability of Autotrol valve disc technology
- **Multiple Regen Functions** – Quick cycle, delay (next 2 a.m.), instantaneous manual operation and increased regen frequency
- **Large LED Display** – Has icon graphics for system functions (salt dosage, regen interval, camshaft position, and more)
- **Front-Loading Components** – For fast, easy service

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## Specifications

### ELECTRICAL SPECIFICATIONS

|                              |   |
|------------------------------|---|
| Controller Operating Voltage | 12 Volt – AC<br>(Requires use of Pentair Water®-supplied transformer) |
| Input Supply Frequency       | 50 or 60 Hz (Controller configuration dependent)                      |
| Motor Input Voltage          | 12 Volt – AC  |
| Controller System            |   |
| Power Consumption            | 3 Watts average   |

### TRANSFORMER – ALL CONTROLLERS

*All Controllers require the use of a Pentair Water-supplied transformer.*

|                            |  |
|----------------------------|--|
| Transformer Output Voltage | 12 Volt – AC 400mA   |
| Transformer Input Options  | 115 Volt – AC 50/60 Hz<br>230 Volt – AC 50/60 Hz<br>100 Volt – AC 50/60 Hz |

|                           |  |
|---------------------------|--|
| Transformer Plug Options  |  |
| Indoor                    | North American Plug<br>Taiwan/Korea Plug                     |
| Outdoor                   | North American Plug<br>Australian Plug                       |
| UL Listed for Outdoor Use | United Kingdom Plug<br>Japanese Plug<br>Mainland Europe Plug |

*Additional transformers may be available – call for more information.*

### DESIGN SPECIFICATIONS

|                      |   |
|----------------------|---|
| Valve Body           | Glass-filled Noryl®                         |
| Rubber Components    | Compounded for cold water                   |
| Operating Pressure   | 20 - 125 PSI (1.38 - 8.61 BAR)              |
| Water Temperature    | 35 - 100°F (2 - 38°C)                       |
| Ambient Temperature* | 35 - 122°F (2 - 50°C)                       |
| Refill Flow Rate     | 0.14 gpm (0.53 Lpm)/<br>0.33 gpm (1.25 Lpm) |

*\*Recommended for indoor use only.*

### PERFORMANCE

#### Flow Rates (Valve Only)

|                                   |   |
|-----------------------------------|---|
| Service @ 15 PSI (1.03 BAR) drop  | 16.6 gpm (4.3Cv) /<br>3.77 m³/h (3.68kV)  |
| Backwash @ 25 PSI (1.72 BAR) drop | 2.75 gpm (0.55Cv) /<br>0.62 m³/h (0.48kV) |

### VALVE CONNECTIONS

|                           |  |
|---------------------------|--|
| Tank Thread               | 2-1/2 inches – 8, male   |
| Inlet/Outlet Thread       | 3/4" BSPT, male<br>3/4" NPT, male<br>1" BSPT, male<br>1" NPT, male |
| Drain Line                | 1/2" – BSPT, male<br>1/2" – NPT, male                              |
| Brine Line                | 3/8" – BSPT, male<br>3/8" – NPT, male                              |
| Distributor Tube Diameter | 1.050 inch (27 mm)   |
| Distributor Tube Length   | Flush to top of tank ± 1/2"  |

### OPTIONS / ACCESSORIES

#### 6" to 10" Diameter Tanks

|                                   |  |
|-----------------------------------|--|
| Regenerant Injectors              | E, F, G, H, and J                                  |
| External Drain Line Flow Controls | 1.0, 1.3, 1.7, 2.2 gpm<br>(3.8, 4.9, 6.4, 8.3 Lpm) |



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