

# AUTOTROL 368 CONTROL VALVE



## FEATURES/BENEFITS

Time-tested Duraflow flapper provides frictionless sealing for longer service life

Fiber-reinforced polymer valve body for superior strength and durability, non-corrosive, and UV-resistant

Optical sensor for precision cycle positioning

Designed with double backwash for reduced hardness leakage

Continuous service flow rate of 16.6 GPM with a backwash of 2.75 GPM

Backwash capability accommodates softener tanks up to 10"

Super capacitor for keeping time of day during power outage

Programming stored in memory and will not be lost due to power outages

History data for valve performance

Designed for single tank systems only

External drain line flow control

Softener only control valve

## OPTIONS

Plumbing connections in .75"-1.25" NPT, BSP, and sweat

Internal Autotrol\* turbine

**604-** Simple economic electronic time clock control.

**606-** Simple economic electronic meter control.



TESTED and CERTIFIED by the WQA to NFS/ANSI Standard 44 for Water Softener Performance.



UL recognized to the 979



TESTED EMC and Low Voltage Directive



Restriction of Hazardous Substance Compliant

## VALVE 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) |

## ELECTRICAL

|                        |                 |
|------------------------|-----------------|
| Controller             |                 |
| Operating Voltage      | 12 volt– AC     |
| Input Supply Frequency | 50 or 60 Hz     |
| Moter Input Voltage    | 12 volt– AC     |
| Controller System      |                 |
| Power Consumption      | 3 watts average |

## TRANSFORMER- ALL CONTROLLERS

|                |  |
|----------------|--|
| 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>Outdoor North American Plug<br>Japanese Plug<br>Taiwan/Korea Plug<br>Australian Plug<br>United Kingdown Plug<br>Mainland Europe Plug |

## VALVE CONNECTIONS

|              |   |
|--------------|---|
| Tank Thread  | 2-1/2" – 8, male  |
| Inlet/Outlet | 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                               |

## DIMENSIONS

|                 |                               |
|-----------------|-------------------------------|
| Riser Tube Dia. | 1.05" (27 mm)                 |
| Riser Height    | Flush to top of tank +/- 0.5" |

## FLOW RATE

|                       |  |
|-----------------------|--|
| Service               |  |
| 5 psi (1.03 bar) drop | 16.6 gpm (4.3Cv)<br>3.77 m <sup>3</sup> /h (3.68kV)  |
| Backwash              |  |
| 25psi (1.72 Bar) drop | 2.75 gpm (0.55Cv)<br>0.62 m <sup>3</sup> /h (0.48kV) |
| Service               |  |
| Backwash              | 3.68 Kv<br>0.48 Kv                                   |



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