



# TECHNICAL SHEET

## AUTOTROL RESIDENTIAL VALVE 368





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### TECHNICAL CHARACTERISTICS



- 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 regeneration functions: quick cycle, delay (next 2 a.m.), instantaneous manual operation and increased regeneration frequency
- Large LED display with icon graphics for system functions (salt dosage, regeneration interval, camshaft position, and more)
- Fast, easy service with front-loading components

### TECHNICAL SPECIFICATIONS

#### VALVE SPECIFICATIONS

|                      |                           |
|----------------------|---------------------------|
| Valve body           | Glass-filled Noryl®       |
| Rubber components    | Compounded for cold water |
| Operating pressure   | 1.38-8.61 bar             |
| Ambient temperature* | 2-50°C                    |
| Water temperature    | 2-38°C                    |
| Electrical rating    | 12V - 50 or 60 Hz         |

\*Recommended for indoor use only

#### FLOW RATE (3.5 bar inlet - valve alone)

|  |   |
|--|---|
| Service ( $\Delta p = 1.3$ bar drop)   | 3.77 m <sup>3</sup> /h                    |
| Backwash ( $\Delta p = 1.72$ bar drop) | 0.62 m <sup>3</sup> /h                    |
| Refill flow rate                       | 0.53 Lpm (0.14 gpm) - 1.25 Lpm (0.33 gpm) |

## VALVE CONNECTIONS

|                           |                               |
|---------------------------|-------------------------------|
| Tank thread               | 2½ inches - 8 male            |
| Inlet/outlet thread       | ¾ inch BSPT, male             |
| Drain line                | ½ inch BSPT, male             |
| Brine line                | ¾ inch BSPT, male             |
| Distributor tube diameter | 27 mm (1.050 inch)            |
| Distributor tube length   | Flush to top of tank ± ½ inch |

## TANK SIZE APPLICATION (recommended)

|                |                          |
|----------------|--------------------------|
| Water softener | 150-254 mm (6-10 inches) |
|----------------|--------------------------|

## METER

|                       |                        |
|-----------------------|------------------------|
| Accuracy range (± 5%) | 1-57 Lpm               |
| Capacity range        | 0.4-9.5 m <sup>3</sup> |

## OPTIONS (6 to 10-inch diameter tank)

|                                |                           |
|--------------------------------|---------------------------|
| Regenerant Injectors           | E, F, G, H and J          |
| DLFC (Drain Line Flow Control) | 3.8 - 4.9 - 6.4 - 8.3 Lpm |
| Bypass                         |                           |



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