

# 263 AND 268 RESIDENTIAL PERFORMA CONTROL VALVES



TESTED and CERTIFIED by the WQA to NSF/ANSI Std. 44 for material safety, structural integrity and performance, NSF/ANSI Std. 372 for low lead and CSA B483.1.  
\*268 control valve only



Restriction of Hazardous Substance Compliant



## 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
- ◆ Fully adjustable 5- or 8-cycle control for efficient and reliable water treatment system
- ◆ Continuous service flow rate of 25 GPM with a backwash of 20 GPM
- ◆ Backwash capability accommodates softener and filter tanks up to 18" in diameter
- ◆ Super capacitor for keeping time of day during power outage
- ◆ Environmental protective cover for water resistance, corrosion resistance, and UV stability
- ◆ Soft water refill for a cleaner brine tank
- ◆ Programming stored in memory and will not be lost due to power outages
- ◆ History data for valve performance

## CONFIGURATIONS • OPTIONS

- ◆ Filter or softener control valves
- ◆ Fiber-reinforced polymer bypass valve
- ◆ Plumbing connections in .75"-1.25" NPT, BSP, and sweat
- ◆ Internal Autotrol turbine
- ◆ Variable reserve for increased efficiency
- ◆ Auxiliary switch kits
- ◆ Timer wall mount kits

## TIMER OPTIONS

- ◆ **460TC** – 3 settings for time clock control
- ◆ **460i** – 3 settings for time clock control
- ◆ **740** – Simple economic electronic time clock control
- ◆ **760** – Simple economic electronic meter control
- ◆ **742** – Professional-level time clock control with fully programmable cycle times and salt amount
- ◆ **762** – Professional-level metered control with fully programmable cycle times and salt amount
- ◆ **764** – Professional-level metered control with fully programmable cycle times and salt amount for multiple tank applications

## VALVE SPECIFICATIONS

|                               |  |
|-------------------------------|--|
| Valve Material                | Glass-filled thermoplastic                               |
| Rubber Components             | Compounded for cold water                                |
| Weight (Valve & Control)      | 5.3 lbs (2.4 kg)   |
| Operating Pressure<br>Canada: | 20-120 psi (1.38-8.27 bar)<br>20-100 psi (1.38-6.89 bar) |
| Hydrostatic Test Pressure     | 300 psi (20.69)  |
| Water Temperature             | 35°-100°F (2°-38°C)                                      |
| Ambient Temperature           | 35°-120°F (2°-48.9°C)                                    |

Recommend use of outdoor cover for direct sunlight applications

## ELECTRICAL

|                        |                 |
|------------------------|-----------------|
| Controller             |                 |
| Operating Voltage      | 12 volt- AC     |
| Input Supply Frequency | 50 or 60 Hz     |
| Motor Input Voltage    | 12 volt- AC     |
| Controller System      |                 |
| Power Consumption      | 6 watts average |

## TRANSFORMER – ALL CONTROLLERS

|                   |   |
|-------------------|---|
| Transformer       |   |
| Operating Voltage | 12 volt- AC   |
| 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 Kingdom Plug<br>Mainland Europe Plug |

## VALVE CONNECTIONS

|                      |                       |
|----------------------|-----------------------|
| Tank Thread          | 2-1/2" – 8, male      |
| Inlet/Outlet Threads | 1-3/4"-12 UNC-2A male |
| Drain Line           | 3/4" NPT, male        |
| Brine Line           | 3/8" NPT, male        |

## DIMENSIONS

|                 |                                      |
|-----------------|--------------------------------------|
| Width           | 14.9" (37.8 cm)                      |
| Height          | 8.5" (21.5 cm)                       |
| Riser Tube Dia. | 1.050" (27 mm)                       |
| Riser Height    | Above top of tank<br>0.5" (+/- 0.5") |

## FLOW RATE

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



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