

# AUTOTROL® 263 & 268

## RESIDENTIAL PERFORMA CONTROL VALVES



### 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 tanks up to 16" and filter 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

### 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

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



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



TESTED and CERTIFIED by the WQA to NFS/ANSI Standard 61 Section 8 Material Safety Only.



TESTED and CERTIFIED by the WQA to NFS/ANSI Standard 372 for Lead Free Compliance.



Restriction of Hazardous Substance Compliant

## VALVE SPECIFICATIONS

Valve Body	Glass-filled thermoplastic – NSF Listed material
Rubber Components	Compounded for cold water – NSF Listed material
Weight (Valve & Control)	5.3 lbs (2.4 kg)
Operating Pressure	20-120 psi (1.38-8.27 bar)
Canada:	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
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 230 volt– AC 50/60 Hz 100 volt– AC 50/60 Hz
Transformer Plug Options	Indoor North American Plug Outdoor North American Plug Japanese Plug Taiwan/Korea Plug Australian Plug United Kingdown Plug Mainland Europe Plug

## VALVE CONNECTIONS

Tank Thread	2-1/2" – 8, male
Inlet/Outlet Threads	1-3/4"-12 UNC-2A male
Drain Line	3/3" 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 0.5" (+/- 0.5")

## FLOW RATE

Service 5 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)



### FILTRATION & PROCESS

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