

AUTOTROL 263 & 268

RESIDENTIAL CONTROL VALVE



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 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 keeps time of day and stores memory in the event of power outages
- ◆ Environmental protective cover for water resistance, corrosion resistance, and UV stability
- ◆ Soft water refill for a cleaner brine tank
- ◆ Historical data on 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 OPTIONS

- ◆ **Easy-iQ** – Easy, intuitive controller with customizable software, quick start-up menu and field upgradeable. Includes all features of 740, 742, 760, and 762
- ◆ **460TC** – Three settings for time clock control
- ◆ **460i** – Three simple settings for metered 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

est. 1947

DUFF CO.



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RESIDENTIAL CONTROL VALVE

VALVE SPECIFICATIONS

Valve Material	Glass-filled thermoplastic
Rubber Components	Compounded for cold water
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
Motor Input Voltage	12 volt- AC
Controller System	
Power Consumption	8 watts average

TRANSFORMER - ALL CONTROLLERS

Transformer	
Operating Voltage	12 volt- AC
Transformer	
Input Options	120 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 Australian Plug British Plug European 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 0.5" (+/- 0.5")

FLOW RATE

Service	
15 psi (1.03 bar) drop	25.0 gpm (5.7 m3/h)
Backwash	
25psi (1.72 Bar) drop	20.0 gpm (4.5 m3/h)
Service	Cv = 6.50 (Kv = 5.6)
Backwash	Cv = 4.00 (Kv = 3.5)

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