



TESTED and CERTIFIED by the WQA to NSF/ANSI Std. 44 for material safety, structural integrity and performance, NSF/ANSI Std. 372 for lowlead and CSA B483.1.



FEATURES • BENEFITS

Time-tested upper 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
- Substance Compliant

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

VALVE SPECIFICATIONS

| | |
|---|--|
| Valve Material | Glass-filled thermoplastic |
| Rubber Components | Compounded for cold water |
| Weight (Valve & Control) | 5.3 lbs (2.4 kg) |
| Operating Pressure Canada: | 20-120 psi (1.38-8.27 bar) 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 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 m ³ /h) |
| Backwash | |
| 25psi (1.72 Bar) drop | 20.0 gpm (4.5 m ³ /h) |
| Service | Cv = 6.50 (Kv = 5.6) |
| Backwash | Cv = 4.00 (Kv = 3.5) |