

Features

- Lead-free brass valve body for superior strength and durability
- Fully adjustable 3 or 5 cycle control for efficient and reliable water treatment
- For use with single or multiple tank configurations
- Environmentally protective cover
- Hydraulically-balanced piston for service and regeneration
- Rugged-built electronic timer
- NXT Controller – uses on-board communication capabilities to link multiple commercial unit valves with standard CAT3 or CAT5 communication cables (*shown*)



communication cables (*shown*)

Options

- Filter or softener control valves
- Downflow or upflow regeneration
- Treated water regeneration
- No hard water bypass
- Electromechanical timer auxiliary switch
- Environmental/weather cover
- Top or side mount
- Treated water regeneration

VALVE SIZE		2"	3"
Inlet/Outlet		2" female	3" female
Valve Material		Lead-free brass*	Lead-free brass*
Regeneration		Downflow and upflow	Downflow and upflow
Control Valve and Flow Rates (50 psi inlet)	Service (15 psi drop)	106 gpm / 401 lpm	250 gpm / 946 lpm
	Peak (25 psi drop)	140 gpm / 530 lpm	325 gpm / 1,230 lpm
	Cv Service	27.5	65
	Backwash (25 psi drop)	36 gpm / 136 lpm	100 gpm / 378 lpm
Operating Pressures: Min-Max		20–125 psi	
Operating Temperatures: Min-Max		34 – 110° F	
Electrical	Supply Voltage	120V AC / 230V AC	
	Supply Frequency	60 Hz / 50 Hz	
	Output Voltage	24V AC / 60 Hz	
	Output Current	2.4 A	
Tank Applications	Water Softener	13"–36" diameter	24"–63" diameter
	Water Filter ¹	13"–24" diameter	24"–42" diameter
Cycles of Operation (Fixed Sequence)	Service	–	–
	Brine	0–240 minutes	0–240 minutes
	Backwash	0–240 minutes	0–240 minutes
	Rinse	0–240 minutes	0–240 minutes
	Refill	0–240 minutes	0–240 minutes
Dimensions	Distributor Pilot	1.90"	3.5"
	Drain Line	1" male NPT	2" female NPT
	Brine Line Connections	½" OD poly tube compression	1" male NPT
	Mounting Base	4" (8 UN) or side mount	6" flange or side mount
	Height (from top of tank)	12" (305 mm)	15" (381 mm)
Shipping Weight		40 lbs. (13 kg) (with meter)	57 lbs. (25.9 kg) (without optional meter)

2"



3"



Options: Backwash filter.

Compatible with the following typical concentrations of regenerants or chemicals: sodium chloride, potassium chloride, potassium permanganate, sodium bisulfate, chlorine and chloramines.

¹ Filter tank size calculated at 10 gpm of backwash per square foot of bed area.

* Tested and Certified by the WQA to NSF/ANSI Standard 61 Section 8 Material Safety Only. Tested and Certified by the WQA to NSF/ANSI Standard 372 for Lead Free Compliance.