

Features

- Top mount control valve suited for commercial/industrial applications
- Solid state microprocessor with easy access front panel display settings
- For use with single or multiple tank configurations
- Fully programmable regeneration cycle sequence and times
- Lead-free brass valve body for superior strength and durability
- IQ² technology
- Lithium battery back-up
- Treated water brine refill

Options

- Meter-initiated regeneration
- No hard water bypass
- Electronic timer
- Auxiliary switches
- Environmental/weather cover
- Upflow regeneration
- Side mount
- Backwash filter
- Stainless steel meter assembly
- Separate source regeneration

VALVE SIZE		1½"	2"	3"
Inlet/Outlet		1½ female	2" female	3" female
Valve Material		Lead-free brass*		
Regeneration		Downflow		
Control Valve and Flow Rates	Service (15 psi drop)	70 gpm/265 lpm	115 gpm/435 lpm	250 gpm/946 lpm
	Peak (25 psi drop)	90 gpm	148 gpm	323 gpm
	Cv Service	18.1	29.7	64.6
	Backwash (25 psi drop)	52 gpm/197 lpm	80 gpm / 303 lpm	220 gpm / 833 lpm
Operating Pressures: Min-Max		20-125 psi		
Operating Temperatures: Min-Max		40 – 110° F		
Electrical (U.S./Intl.)	Supply Voltage	120V AC / 230V AC		
	Supply Frequency	60 Hz / 50 Hz		
	Output Voltage	12V AC		
	Output Current	500 mA / 500 mA	500 mA / 500 mA	750 mA / 750 mA
Tank Applications	Water Softener	13"-30" diameter	12"-48" diameter	18"-63" diameter, up to 96" with brine pump
	Water Filter ¹	13"-30" diameter	12"-36" diameter	18"-63" diameter
Cycles of Operation (Fully Adjustable)	Service	-	-	-
	Brine	1-180 minutes	1-180 minutes	1-180 minutes
	Backwash	1-120 minutes	1-120 minutes	1-95 minutes
	Rinse	1-120 minutes	1-120 minutes	1-180 minutes
	Refill	0.05-95 minutes	0.1-99 minutes	
Dimensions	Distributor Pilot	1.90"	1.90"	3.5"
	Drain Line	1¼" female NPT	1½" female NPT	3" female NPT
	Brine Line Connections	½" OD poly tube compression	1" male NPT or ½" OD poly tube compression	1" male NPT elbow
	Mounting Base	4" (8 UN)	4" (8 UN) or side mount	6" flange or side mount
	Height (from top of tank)	7½" (191 mm)	8½" (216 mm)	12½" (318 mm)
Shipping Weight		21 lbs. (9.5 kg) (with meter)	29 lbs. (13 kg) (with meter)	57 lbs. (25.9 kg) (without optional meter)

1½"



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.