

VALVE SPECIFICATIONS

Valve Material	Fiber-reinforced polymer
Inlet/Outlet	3/4", 1", or 1-1/4" NPT/ BSP/Sweat
Cycles	7

FLOW RATES (50 PSI INLET) – VALVE ALONE

Continuous 15 psi drop	20 GPM (4.5 m ³ /h)
Peak 25 psi drop	26 GPM (5.9 m ³ /h)
Cv flow at 1 psi drop	5.0
Max. Backwash 25 psi drop	7 GPM (1.6 m ³ /h)

REGENERATION

Downflow/Upflow	Both
Adjustable Cycles	Brine fill only
Time Available Electromechanical	180 min/regeneration continuous moving piston

METER INFORMATION

Meter Accuracy 3/4" Paddle:	0.25 - 15 GPM ± 5% (0.06 - 3 m ³ /h)
Meter Capacity Range 3/4" Standard:	125 - 2,125 gal (0.5 - 8 m ³)
3/4" Extended:	625 - 10,625 gal (2.5 - 40 m ³)

DIMENSIONS

Distributor Pilot	0.8125" or 1.05" O.D. (26.7 mm)
Drain Line	1/2" NPTF
Brine Valve 1600:	3/8"
Injector System	1600
Mounting Base	2.5" - 8 NPSM
Height from Top of Tank	7" (178 mm)
Riser Tube Diameter	3/4" (19 mm)
Riser Height	Flush with top of tank

TYPICAL APPLICATIONS

Water Softener	6 - 12" diameter
Filters	8 - 10" diameter based on 10 GPM/ft ²

ADDITIONAL INFORMATION

Electrical Rating	24/110/220V 50/60 Hz
Estimated Shipping Weight Time Clock:	5 lbs
Metered Valve:	6 lbs
Pressure Hydrostatic:	300 psi (20 bar)
Working:	20 - 125 psi (1.4 - 8.5 bar)
Temperature Cold Water Valve:	34 - 110°F (1 - 43°C)