






1" WATER SPECIALIST VALVE SPECIFICATIONS

 			
SPECIFICATION	WS1 CI	WS1 EI	WS1 TC
Flow: Service @ 1 bar drop Backwash @ 1.7 bar drop	102 lpm (6.1 m ³ /h) (27 gpm) 102 lpm (6.1 m ³ /h) (27 gpm)	102 lpm (6.1 m ³ /h) (27 gpm) 102 lpm (6.1 m ³ /h) (27 gpm)	102 lpm (6.1 m ³ /h) (27 gpm) 102 lpm (6.1 m ³ /h) (27 gpm)
Tank Applications: Softener Filter	6" - 24" 6" - 24"	6" - 24" 6" - 24"	6" - 24" 6" - 24"
Inlet/Outlet Fitting Connections	0.75" - 1.25" BSPT	0.75" - 1.25" BSPT	0.75" - 1.25" BSPT
Valve Material Cycles Regeneration	Noryl Up to 9 Downflow/Upflow	Noryl Up to 6 Downflow	Noryl Up to 6 Downflow
Operating Pressures Operating Temperatures	1.4 - 8.6 bar 4° - 43° C	1.4 - 8.6 bar 4° - 43° C	1.4 - 8.6 bar 4° - 43° C
Meter: Flow Rate Range Volume Range Totalizer	1 - 102 lpm (0.06 - 6.1 m ³ /h) 0.10 - 2000 m ³ Yes	0.95 - 102 lpm (0.05 - 6.1 m ³ /h) 0.07 - 189 m ³ Yes	Not Applicable
Distributor Pilot	1.05" O.D. pipe	1.05" O.D. pipe	1.05" O.D. pipe
Drain Line Connection	3/4" NPT Standard (1" Optional)	3/4" NPT Standard (1" Optional)	3/4" NPT Standard (1" Optional)
Brine Line Connection	3/8" or 1/2" O.D. Poly Tube Compression	3/8" or 1/2" O.D. Poly Tube Compression	3/8" or 1/2" O.D. Poly Tube Compression
Mounting Base Options	2.5" - 8 NPSM	2.5" - 8 NPSM	2.5" - 8 NPSM
Height From Top of Tank	187 mm	187 mm	187 mm
Shipping Weight	2 kg	2 kg	2 kg
Electrical: Supply Voltage Supply Frequency Output Voltage Output Current	230V AC 50 Hz 12V AC 500 mA	230V AC 50 Hz 12V AC 500 mA	230V AC 50 Hz 12V AC 500 mA

Valves shown with optional bypass.

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