FLECK 5812
C V

HIGH PERF FLEXIBLE

MADE IN THE USA
OF FOREIGN & DOMESTIC PARTS

FEATURESBENEFITS

Fiber-reiorced polymer valve body for superior strength and durability, non-crosive, and UV-resistant

Continuous service flow rate of

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VALVE SPECIFICATIONS

Valve Material	Fiber-reinforced polymer
Inlet/Outlet	3/4", 1", or 1-1/4" NPT/ BSP/Sweat
Cycles	5

FLOW RATES (50 PSI INLET) – VALVE ALONE - 2.5" BASE

Piston	Downflow	Upflow	Filter
Continuous (15 psi drop)	43 GPM 9.9 m^3/hr	39 GPM 8.9 m^3/hr	37 GPM 8.4 m^3/hr
Peak (25 psi drop)	56 GPM 12.7 m^3/hr	51 GPM 11.9 m^3/hr	47 GPM 10.7 m^3/hr
Cv (flow at 1 psi drop)	11.2	10.1	9.4
Max. Backwash (25 psi drop)	33 GPM 7.5 m^3/hr	36 GPM 8.1 m^3/hr	45 GPM 9.9 m^3/hr

FLOW RATES (50 PSI INLET) – VALVE ALONE - 4" BASE

Piston	Downflow	Upflow	Filter
Continuous (15 psi drop)	45 GPM 10.3 m^3/hr	40 GPM 9.1 m^3/hr	38 GPM 8.7 m^3/hr
Peak (25 psi drop)	59 GPM 13.3 m^3/hr	52 GPM 11.7 m^3/hr	50 GPM 11.3 m^3/hr
Cv (flow at 1 psi drop)	11.7	10.3	9.9
Max. Backwash (25 psi drop)	34 GPM 7.8 m^3/hr	36 GPM 8.2 m^3/hr	45 GPM 10.2 m^3/hr

REGENERATION

Downflow/Upflow	Both
Adjustable Cycles	Yes
Time Available	
SXT:	0 - 199 min/cycle
XTR2:	0 - 240 min/cycle

METER INFORMATION

Meter Accuracy	
1-1/4" Turbine:	2 - 40 GPM ± 5% (0.45 - 9 m^3/h)
Meter Capacity Range	
SXT:	1 - 999,900 gal (0 - 3,785 m^3)
XTR2:	1 - 9,999,999 gal (0 - 378,541 m^3)

DIMENSIONS

Distributor Pilot	1.05" O.D. (26.7 mm) 32 mm I.D. 1" I.D. (25.4 mm)
Drain Line	1.5" NPTF Quick-Connect
Brine Valve	
1600:	3/8"
Injector System	1610
Mounting Base	2.5"– 8 NPSM 4" – NPSM
Height from Top of Tank	12" (305 mm)
Riser Height	1/4" Below top of tank

TYPICAL APPLICATIONS

Water Softener	8 - 24" diameter
Filters	8 - 24" diameter based on 10 GPM/ft^2

ADDITIONAL INFORMATION

Electrical Rating	12 Volts DC
Estimated Shipping Weight	12 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)

PENTAIR

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