



FLECK 5812 CV

HIGH PERF FLEXIBLE



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 WATER QUALITY SYSTEMS

5730 A A A 53209

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