

FLECK® 5800 CONTROL VALVES

HIGH PERFORMANCE FLEXIBLE VALVE

**MADE IN THE
USA**
OF FOREIGN & DOMESTIC PARTS



FEATURES/BENEFITS

Fiber-reinforced polymer valve body for superior strength and durability, non-corrosive, and UV-resistant

Continuous service flow rate of 21 GPM with a backwash of 17 GPM

Backwash capability accommodates softener and filter tanks up to 16" and in diameter

Fully adjustable 3 or 5 cycle control for efficient and reliable water treatment system

Time-tested, hydraulically-balanced piston for service and regeneration

Optical sensor for precision cycle positioning

Soft water refill for a cleaner brine tank

Designed with double backwash for reduced hardness leakage

Programming stored in memory and will not be lost due to power outages

OPTIONS

Filter or softener control valves

Downflow co-current or upflow counter-current regeneration

Plumbing connections in .75" - 1.25" NPT, BSP, and sweat

Fiber-reinforced polymer or stainless steel bypass valve

Variable reserve for increased efficiency

Programmable regeneration types for increased flexibility

Three color bezel options of black, silver, or blue

XTR2- Premium touch screen LCD display with two programmable relay outputs for both normally opened and normally closed contacts.

SXT- Large LCD display and user-selectable time clock or metered function; usable for filtration and softener systems.

LXT- Midsize LCD display comes pre-programmed for your choices of softener or filter and time clock or metered, with a maximum of 5 parameters to complete set-up.



TESTED and CERTIFIED by the WQA to NSF/ANSI Standard 44 for Water Softener Performance.



TESTED and CERTIFIED by the WQA to NSF/ANSI Standard 372 for Lead Free Compliance.



UL recognized to the 979



TESTED EMC and Low Voltage Directive



Restriction of Hazardous Substance Compliant

VALVE SPECIFICATIONS

Valve Material	Fiber-reinforced polymer
Inlet/Outlet	0.75", 1" or 1.25"
Cycles	5

FLOW RATES (50 PSI INLET) – VALVE ALONE

Continuous (15 psi drop)	21 GPM • 4,8 m ³ /h
Peak (25 psi drop)	27 GPM • 6,1 m ³ /h
Cv (flow at 1 psi drop)	5.4
Max. Backwash (25 psi drop)	17 GPM • 3,9 m ³ /h

REGENERATION

Downflow/Upflow	Both
Adjustable Cycles	Yes
Time Available	LXT: minutes calculated SXT: 0-199 minutes per cycle XTR2: 0-240 minutes per cycle

METER INFORMATION

Meter Accuracy	.25 - 15 GPM +/-5%
Meter Capacity Range (gal.)	LXT: volume calculated SXT: 1-999,900 XTR2: 1-99,999,999

DIMENSIONS

Distributor Pilot	1.05" O.D., 26,7 mm
Drain Line	1/2"
Brine Line	1600 - 3/8"
Mounting Base	2.5" - 8 NPSM
Height from Top of Tank	9", 228 mm

TYPICAL APPLICATIONS

Water Softener	6" - 16" diameter
Filter	8" - 16" diameter (based on 10 GPM/ft. ²)

ADDITIONAL INFORMATION

Electrical Rating	12 Volts DC
Estimated Shipping Weight	Time Clock: 7 lbs Metered Valve: 10 lbs
Pressure	Hydrostatic: 300 psi (20 bar) Working: 20 - 125 psi (1,4 - 8,5 bar)
Temperature	34-110°F (1-43°C)



FILTRATION & PROCESS

5730 NORTH GLEN PARK ROAD, MILWAUKEE, WI 53209
P: 262.238.4400 | F: 262.238.4404 | WWW.PENTAIRAQUA.COM | CUSTOMER CARE: 800.279.9404

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