

FLECK® 7000 SERIES HIGH FLOW RATE CONTROL VALVE

INNOVATIVE SOLUTION FOR LARGER TANK SIZE AND HIGH FLOW RATE

**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 27.7 GPM with a backwash of 7.4 GPM

Backwash capability accommodates softener tanks up to 24" and filter up to 24" in diameter

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

Super capacitor for keeping time of day during power outage

Environmental protective cover for water resistance, corrosion resistance, and UV stability

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

Optical sensor for precision cycle positioning

OPTIONS

Filter or softener control valves

Plumbing connections in .75"-1.5" NPT, BSP, and sweat

Fiber-reinforced polymer high-flow bypass valve

Variable reserve for increased efficiency

Programmable regeneration types for increased flexibility

Manual lever operations

3200NXT- Network controller uses on-board communication capabilities to link multiple valves (via off-the-shelf CAT3, CAT5, or better cables) for system types 4,5,6,7, and 9.

XTR- Offers a two-line, 16 character LCD backlit display for easy entering of master and user programing as well as view of diagnostics.

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



UL recognized to the 979



Restriction of Hazardous Substance Compliant

SYSTEM TYPES

Type	Valves	Regeneration	Meter
System 4	1	Time Clock	0
		Delayed	1
		Immediate	1
		Remote Signal	Optional
System 5 (Interlock)	2-4	Immediate	All
		Remote Signal	Optional
System 6 (Series)	2-4	Immediate/Delayed	1
		Remote Signal	Optional
System 7 (Alternating)	2	Immediate	1
		Remote Signal	Optional
System 9 (Alternating)	2-4	Immediate	All
		Remote Signal	Optional

VALVE SPECIFICATIONS

Valve Material	Fiber-reinforced polymer
Inlet/Outlet	0.75", 1" or 1.25"
Cycles	Up to 6

FLOW RATES (50 PSI INLET) - VALVE ALONE

Continuous (15 psi drop)	27.7 GPM
Peak (25 psi drop)	25.5 GPM
Cv (flow at 1 psi drop)	9.5
Max. Backwash (25 psi drop)	7.4 GPM

REGENERATION

Downflow/Upflow	Downflow
Adjustable Cycles	Yes
Time Available	199 minutes per cycle

METER INFORMATION

Accuracy	+5/-8% (2-40 GPM)
Capacity Range (gallons)	1-9,900,000

DIMENSIONS

Distributor Pilot	1.05" O.D., 32mm
Drain Line	3/4" or 1"
Injector Brine System	7000
Mounting Base	2.5" - 8 NPSM
Height from Top of Tank	9", 228 mm

TYPICAL APPLICATIONS

Water Softener	8" - 24" diameter
Filter	8" - 24" diameter (based on 10 GPM/ft. ²)

ADDITIONAL INFORMATION

Electrical Rating	24 VAC, 50/60 Hz
Max VA	15
Estimated Shipping Weight	11 lbs
Pressure	Hydrostatic: 300 psi Working: 20 - 125 psi
Temperature	34-110°F



FILTRATION & PROCESS

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