



FLECK[®] 6700XTR ADVANCED ELECTRONIC RESIDENTIAL CONTROL VALVE

SUPERIOR PROGRAMMABILITY FOR FILTER AND SOFTENER APPLICATIONS



FEATURES/BENEFITS

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

Continuous service flow rate of 20 GPM with a backwash of 7 GPM

Backwash capability accommodates softener tanks up to 12" and filter up to 10" 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

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

Diagnostics for historical valve performance

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

OPTIONS

Filter or softener control valves

Brine cam auxiliary switch

Plumbing connections in 3/4" to 1-1/4" NPT, BSP, and sweat

Fiber-reinforced polymer or stainless steel bypass valve

Variable reserve for increased efficiency

Programmable regeneration types for increased flexibility

Downflow double backwash cam for reduce hardness leakage

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



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.



Restriction of Hazardous Substance Compliant

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

Continuous 15 psi drop	20 GPM (4.5 m ³ /h)
Peak 25 psi drop	26 GPM (5.9 m ³ /h)
Cv flow at 1 psi drop	5.2
Max. Backwash 25 psi drop	7 GPM (1.6 m ³ /h)

REGENERATION

Downflow/Upflow	Both
Adjustable Cycles	Yes
Time Available XTR:	0 - 240 min/cycle

METER INFORMATION

Meter Accuracy 3/4" Paddle/Turbine:	0.25 - 15 GPM ± 5% (0.06 - 3 m ³ /h)
Meter Capacity Range XTR:	1 - 9,900,000 gal (0 - 37,476 m ³)

DIMENSIONS

Distributor Pilot	0.8125" or 1.05" O.D. (26.7 mm)
Drain Line	1/2" NPTF
Brine Valve 1600:	3/8"
Injector System	1600
Mounting Base	2.5" - 8 NPSM
Height from Top of Tank	7.5" (190 mm)
Riser Tube Diameter	3/4" (19 mm)
Riser Height	Flush with top of tank

TYPICAL APPLICATIONS

Water Softener	6 - 12" diameter
Filters	8 - 10" diameter based on 10 GPM/ft ²

ADDITIONAL INFORMATION

Electrical Rating	24V 50/60 Hz
Estimated Shipping Weight Time Clock:	5 lbs
Metered Valve:	6 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)