

FLECK® 5600SXT HIGH PERFORMANCE CONTROL VALVE

MULTIPLE OPTIONS FOR FILTER AND SOFTENER APPLICATIONS



FEATURES/BENEFITS

- 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
- LCD display alternates between time of day, volume remaining or days until regeneration
- 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
- 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
- Programmable regeneration types for increased flexibility
- Downflow double backwash cam for reduced hardness leakage
- Swivel attachment for 360° rotation of power head
- SXT**-Large LCD display and user-selectable time clock or metered function; usable for filtration and softener systems



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

FILTRATION & PROCESS

FLECK 5600SXT HIGH PERFORMANCE CONTROL VALVE

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	5.0
Max. Backwash 25 psi drop	7 GPM (1.6 m ³ /h)

REGENERATION

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

METER INFORMATION

Meter Accuracy 3/4" Paddle/Turbine:	0.25 - 15 GPM ± 5% (0.06 - 3 m ³ /h)
Meter Capacity Range SXT:	1 - 999,900 gal (0 - 3,785 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
Max. VA	8.4
Estimated Shipping Weight Time Clock:	6 lbs
Metered Valve:	7 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)