**FLECK® 5600SXT HIGH PERFORMANCE CONTROL VALVE**

**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**
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 m³/h)
Peak
25 psi drop: 26 GPM (5.9 m³/h)
Cv
flow at 1 psi drop: 5.0
Max. Backwash
25 psi drop: 7 GPM (1.6 m³/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 m³/h]
Meter Capacity Range
SXT: 1 - 999,900 gal
[0 - 3,785 m³]

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/ft²

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]