

TECHNICAL SHEET

FLECK
RESIDENTIAL
VALVE 5600 SXT





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TECHNICAL CHARACTERISTICS

- Large, blue backlit LCD display
- 48 hours of internal power backup capacitor
- LCD display alternates between time of day, volume remaining or days to regeneration
- Access to all settings from front face
- Adjustable cycles separately
- Down flow or upflow brining
- Choose from 4 modes of operation: immediate meter regeneration, delayed meter regeneration, delayed time clock regeneration or day of week regeneration
- Double backwash capability



VALVE SPECIFICATION

Material	PPO*
Hydrostatic pressure	20 bar
Working pressure	1.4 - 8.5 bar
Working temperature	1 - 43 °C
Electrical rating	24V / 50 or 60Hz
Protection index	IP 22

FLOW RATE (3.5 BAR INLET - VALVE ALONE)

Continuous ($\Delta p = 1$ bar)	4.4 m ³ /h
Peak ($\Delta p = 1.8$ bar)	5.8 m ³ /h
Cv*	5.2 gpm
Maximum backwash ($\Delta p = 1.8$ bar)	1.6 m ³ /h

* Cv: Flow rate of valve alone in gpm at 0.07 bar pressure drop.

DOWN FLOW REGENERATION

	Mechanical
Cycles	Adjustable
Time available	199 min

CONNECTIONS - DIMENSION

Inlet / outlet	1 or ¾ inch BSP
Distributor tube	26.7 mm (1 inch)
Riser tube cut: Target / Max / Min	Flush with top tank / 0.5 inch above tank / 0.5 inch below tank
Drain line	½ inch
Brine line 1600	¾ inch
Mounting base	2 ½ inches - 8 NPSM
Height (from top of tank)	200 mm
Tank size application (recommended)	
Water softener	6 - 12 inches (150 - 300 mm)
Filters	6 - 10 inches (150 - 250 mm)

METER

Accuracy range (± 5%)	1 - 57 Lpm
Capacity range	up to 9999 m ³

MICROPROCESSOR

Display	LCD
Initialisation parameter backup time	+ 10 years
Variable parameter backup	48 hours
Backup mode	Condensator
Adjustable parameters	Time of day, regeneration time, cycle time, capacity, day override
Display viewed	Volume remaining, remaining cycle time, cycle in progress
Regeneration	Timeclock delayed or 7 days, meter delayed or immediate

REGENERATION CYCLES

Down flow	Upflow
1) Backwash (Upflow)	1) Brine & slow rinse (Upflow)
2) Brine & slow rinse (Down flow)	2) Backwash (Upflow)
3) Rapid rinse (Down flow)	3) Rapid rinse (Down flow)
4) Brine tank refill	4) Brine tank refill
5) Service	5) Service

OPTIONS

Upflow
Bypass
Filter

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