



# TECHNICAL SHEET

**FLECK**

RESIDENTIAL VALVE 5000 SXT





## FLECK RESIDENTIAL VALVE - 5000 SXT



### 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

### OPERATING SPECIFICATIONS

#### 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 60 Hz
Protection index	IP 22

\*PPO: Polyphenylene oxide

#### FLOW RATE (3.5 BAR INLET - VALVE ALONE)

Continuous ( $\Delta p = 1$ bar)	4.7 m <sup>3</sup> /h
Peak ( $\Delta p = 1.8$ bar)	6.1 m <sup>3</sup> /h
Cv*	5.4 gpm
Maximum backwash ( $\Delta p = 1.8$ bar)	3.8 m <sup>3</sup> /h

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

#### DOWN FLOW REGENERATION

	<b>Electronic</b>
Cycles	Adjustable
Time available	1 - 199 min

## CONNECTIONS - DIMENSION

Inlet / outlet	1 or ¾ inch BSP
Distributor tube	26.7 mm (1 inch)
Drain line	½ inch
Brine line 1600	¾ inch
Mounting base	2 ½ inches - 8 NPSM
Height (from top of tank)	205 mm
<b>Tank size application (recommended)</b>	
Water softener	6 - 16 inches (150 - 400 mm)
Filters	6 - 16 inches (150 - 400 mm)

## METER

Accuracy range	1 - 57 Lpm
Capacity range	Up to 9999 m <sup>3</sup>

## 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 and slow rinse (Upflow)
2) Brine and 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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