



# TECHNICAL SHEET

**FLECK**

RESIDENTIAL VALVE 6700





## FLECK RESIDENTIAL VALVE - 6700

### TECHNICAL CHARACTERISTICS



- Industrial electronic in a residential valve
- Adjustable regeneration cycles
- Upflow or down flow brining
- Modular conception simplifies the disassembly and the maintenance
- Monitored by a precise microprocessor, reliable and easy to adjust

### 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)	Down flow: 4.5 m <sup>3</sup> /h / Upflow: 3.5 m <sup>3</sup> /h
Peak ( $\Delta p = 1.8$ bar)	Down flow: 5.9 m <sup>3</sup> /h / Upflow: 4.7 m <sup>3</sup> /h
Cv*	Down flow: 5.2 gpm / Upflow: 4.1 gpm
Maximum backwash ( $\Delta p = 1.8$ bar)	Down flow: 1.6 m <sup>3</sup> /h / Upflow: 1.4 m <sup>3</sup> /h

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

#### DOWN FLOW REGENERATION

Cycles	Adjustable
Setting range	Up to 99 min each cycle

## 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)	190 mm
<b>Tank size application (recommended)</b>	
Water softener	6 - 12 inches (150 - 300 mm)
Filters	6 - 10 inches (150 - 250 mm)

## METER

Accuracy range	1 - 57 Lpm
Capacity range	10 L - up to 9999 m³

## MICROPROCESSOR

Display	7 digits
LED status indicator	Yes
Initialisation parameter backup time	+ 10 years
Variable parameter backup	24 hours
Backup mode	Condensator
Adjustable parameters	Inlet and outlet water hardness, capacity, regeneration time, cycle time
Display viewed	Time of day, volume remaining, cycle in process and time remaining in this step
Regeneration	Timeclock / 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

## OPTIONS

Upflow regeneration
Bypass valve



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