

# TECHNICAL SHEET

**FLECK**

RESIDENTIAL VALVE 5600





## FLECK RESIDENTIAL VALVE - 5600

### TECHNICAL CHARACTERISTICS



- Brine refill, efficient and reliable
- Modular design simplifies the disassembly and the maintenance
- Valve body in PPO
- Regeneration:
  - Timeclock: 7 or 12 days
  - Meter: delayed or immediate

### OPERATING SPECIFICATIONS

#### VALVE SPECIFICATION

Material	PPO*
Hydrostatic pressure	20 bar
Working pressure	1.4 - 8.5 bar
Working temperature	1 - 43 °C
Electrical rating	230 V - 50 Hz, other upon request
Protection index	IP 22

\*PPO: Polyphenylene oxide

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

Continuous ( $\Delta p = 1$ bar)	4.5 m <sup>3</sup> /h
Peak ( $\Delta p = 1.8$ bar)	5.9 m <sup>3</sup> /h
Cv*	5.2 gpm
Maximum backwash ( $\Delta p = 1.8$ bar)	1.6 m <sup>3</sup> /h

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

#### DOWNFLOW REGENERATION

	Mechanical
Cycles	Brine refill
Time available	180 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)	180 mm
<b>Tank size application (recommended)</b>	
Water softener	6 - 12 inches (150 - 300 mm)
Filters	6 - 10 inches (150 - 250 mm)

## METER

	<b>Mechanical</b>
Accuracy range (± 5%)	1 - 57 Lpm
Standard capacity range	0.5 - 8 m <sup>3</sup>
Extended capacity range	2.5 - 40 m <sup>3</sup>

## REGENERATION CYCLES

<b>Down flow</b>	<b>Upflow</b>
1) Preliminary rinse (Down flow)	1) Preliminary rinse (Down flow)
2) Backwash (Upflow)	2) Backwash (Upflow)
3) Brine and slow rinse (Down flow)	3) Brine and slow rinse (Upflow)
4) Rapid rinse (Down flow)	4) Rapid rinse (Down flow)
5) Setting rinse (Down flow)	5) Setting rinse (Down flow)
6) Brine tank refill	6) Brine tank refill
7) Service	7) Service

## OPTIONS

No water during regeneration	NBP
Regeneration	Fast regeneration (90 min), Upflow
Bypass	
Filter	

