

TECHNICAL SHEET

FLECK RESIDENTIAL VALVE 4600





FLECK RESIDENTIAL VALVE - 4600



TECHNICAL CHARACTERISTICS

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

OPERATING SPECIFICATIONS

VALVE SPECIFICATION

Material	Brass
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

FLOW RATE (3.5 BAR INLET - VALVE ALONE)

Continuous ($\Delta p = 1$ bar)	4.5 m ³ /h
Peak ($\Delta p = 1.8$ bar)	5.9 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	180 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	2½ inches - 8 NPSM
Height (from top of tank)	180 mm
Tank size application (recommended)	
Water softener	6 - 12 inches (150 - 300 mm)
Filters	6 - 10 inches (150 - 250 mm)

METER

	Mechanical
Accuracy range (± 5%)	1 - 57 Lpm
Standard capacity range	0.5 - 8 m³
Extended capacity range	2.5 - 40 m³

REGENERATION CYCLES

Down flow

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

OPTIONS

No water during regeneration	NBP
Regeneration	Fast regeneration (90mn)
Bypass	
Filter	
Hot water	65°C meter / 82°C timeclock

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