



# 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 <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.

#### 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 m <sup>3</sup>
Extended capacity range	2.5 - 40 m <sup>3</sup>

## 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



[www.pentairaquaeurope.com](http://www.pentairaquaeurope.com)