

TECHNICAL SHEET

FLECK
RESIDENTIAL VALVE 4600



TECHNICAL SHEET



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



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 3/4" BSP
Distributor tube	26.7 mm (1")
Drain line	1/2"
Brine line 1600	3/8"
Mounting base	2 1/2" - 8 NPSM
Height (from top of tank)	180 mm

Tank size application (recommended)

Water softener	6 - 12" (150 - 300 mm)
Filters	6 - 10" (150 - 250 mm)

METER

Mechanical

Accuracy range ($\pm 5\%$)	1 - 57 Lpm
Standard capacity range	0.5 - 8 m ³
Extended capacity range	2.5 - 40 m ³

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