

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 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	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
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	Upflow
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	

www.pentairaquaeurope.com