



TECHNICAL SHEET

FLECK

COMMERCIAL VALVE 2510





FLECK COMMERCIAL VALVE - 2510

TECHNICAL CHARACTERISTICS



- Ideal for filter applications
- Power head: corrosion resistant and UV stable
- Valve body in PPO
- Regeneration:
 - Manual
 - Timeclock: 7 or 12 days
 - Meter: delayed or immediate
 - Electronic timer

OPERATING SPECIFICATIONS

VALVE SPECIFICATION

Material	PPO*
Hydrostatic pressure	20 bar
Working pressure	1.8 - 8.5 bar
Working temperature	1 - 43 °C
Electrical rating	24 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)	4.3 m ³ /h
Peak ($\Delta p = 1.8$ bar)	5.4 m ³ /h
Cv*	5 gpm
Maximum backwash ($\Delta p = 1.8$ bar)	3.8 m ³ /h

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

UPFLOW REGENERATION

	Mechanical	Electronic
Cycles	Adjustable	Adjustable
Time available	164 min	99 min each cycle

CONNECTIONS - DIMENSION

Inlet / outlet	1 or ¾ inch BSP
Distributor tube	26.7 mm (1 inch)
Drain line	½ inch QC*
Brine line 1650	¾ inch
Mounting base - Top	2½ inches - 8 NPSM
Height (from the top of tank)	215 mm
Tank size application (recommended)	
Water softener	6 - 16 inches (150 - 400 mm)
Filters	8 - 16 inches (200 - 400 mm)

*QC: Quick connect

METER

	Mechanical	Electronic
Accuracy range (± 5%)	1 - 57 Lpm	-
Standard capacity range	0.5 - 0.8 m ³	Up to 9999 m ³
Extended capacity range	2.5 - 40 m ³	-

REGENERATION CYCLES

Down flow

1) Backwash
2) Brine & slow rinse
3) Rapid rinse
4) Brine tank refill
5) Service

OPTIONS

No water during regeneration	NBP
Regeneration	Manual
Electronic	
Filter	



www.pentairaquaeurope.com