



TECHNICAL SHEET

FLECK

INDUSTRIAL VALVE 2750





FLECK INDUSTRIAL VALVE - 2750

TECHNICAL CHARACTERISTICS



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

OPERATING SPECIFICATIONS

VALVE SPECIFICATION

Material	Brass
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

FLOW RATE (3.5 BAR INLET - VALVE ALONE)

Continuous ($\Delta p = 1$ bar)	5.9 m ³ /h
Peak ($\Delta p = 1.8$ bar)	7.5 m ³ /h
Cv*	6.8 gpm
Maximum backwash ($\Delta p = 1.8$ bar)	5.6 m ³ /h

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

DOWN FLOW REGENERATION

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

CONNECTIONS - DIMENSION

Inlet / outlet	1 inch BSP
Distributor tube	26.7 mm [1 inch]
Riser tube cut: Target / Max / Min	Flush with top of tank / 0.18 inch above / 0.25 inch below
Drain line	¾ inch NPT
Brine line (1650)	⅜ inch
Brine line (1710)	½ inch
Mounting base - Top	2½ inches - 8 NPSM
Height (from the top of tank)	165 mm
Tank size application (recommended)	
Water softener	10 - 24 inches (250 - 610 mm)
Filters	10 - 21 inches (250 - 530 mm)

METER

	Mechanical	Electronic
Accuracy range (± 5%)	2.6 - 151 Lpm	2.6 - 151 Lpm
Standard capacity range	1.2 - 20 m ³	N/A
Extended capacity range	6 - 100 m ³	N/A

REGENERATION CYCLES

Down flow	Upflow
1) Backwash (Upflow)	1) Brine & slow rinse (Upflow)
2) Brine & slow rinse (Down flow)	2) Backwash (Upflow)
3) Rapid rinse (Down flow)	3) Rapid rinse (Down flow)
4) Brine tank refill	4) Brine tank refill
5) Service	5) Service

OPTIONS

No water during regeneration	NBP
Regeneration	Upflow, manual
Electronic	
Filter	
Hot water	65°C meter / 82°C timeclock



www.pentairaqua.eu