

TECHNICAL SHEET

FLECK
INDUSTRIAL VALVE 2850



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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



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)	11.6 m ³ /h
Peak ($\Delta p = 1.8$ bar)	15 m ³ /h
CV*	13.2 gpm
MAXIMUM BACKWASH ($\Delta P = 1.8$ BAR)	11.1 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	1½" BSP
Distributor tube	50 mm (DN 40)
Riser tube cut: Target / Max / Min	0.25" below top of tank / Flush with top tank / 0.75" below
Drain line	1" NPT
Brine line (1650)	¾"
Brine line (1710)	½"
Mounting base - Top	4" - 8 UN
Height (from the top of tank)	165 mm
Tank size application (recommended)	
Water softener	10 - 30" (250 - 760 mm)
Filters	10 - 24" (250 - 610 mm)

METER

	Mechanical
Accuracy range (± 5%)	5 - 283 Lpm
Standard capacity range	2.5 - 40 m ³
Extended capacity range	12 - 200 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
Mounting	Side Mount adapter
Electronic	
Filter	
Hot water	65°C meter / 82°C timeclock

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