



# TECHNICAL SHEET

**FLECK**

INDUSTRIAL VALVE 2850





## FLECK INDUSTRIAL VALVE - 2850

### 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 44

#### FLOW RATE (3.5 BAR INLET - VALVE ALONE)

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

## METER

	<b>Mechanical</b>
Accuracy range (± 5%)	5 - 283 Lpm
Standard capacity range	2.5 - 40 m <sup>3</sup>
Extended capacity range	12 - 200 m <sup>3</sup>

## 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

