

# TECHNICAL SHEET

## FLECK INDUSTRIAL VALVE 2910



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### TECHNICAL CHARACTERISTICS

- Ideal for industrial application and multivalve systems
- Improved 2 piston-system technology to drive independant flows of service and regeneration
- Power head: corrosion resistant and UV stable
- Optional upflow brining
- Valve body in brass
- Regeneration:
  - 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 or 60 Hz, other upon request
Protection index	IP 22

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

Continuous ( $\Delta p = 1$ bar)	24 m <sup>3</sup> /h
Peak ( $\Delta p = 1.8$ bar)	31 m <sup>3</sup> /h
Cv*	27 gpm
Maximum backwash ( $\Delta p = 1.8$ bar)	8 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	199 min each cycle

## CONNECTIONS - DIMENSION

Inlet / outlet	2" BSP
Distributor tube	50 mm (DN 40)
Drain line	1" - 11 NPT
Brine line (1650)	3/8"
Brine line (1710)	1/2"
Mounting base - Top	4" - 8 thread UN
Height (from top of tank)	305 mm
<b>Tank size application (recommended)</b>	
Water softener	14 - 36" (350 - 914 mm)
Filters	14 - 24" (350 - 609 mm)

## METER

	Mechanical
Accuracy range ( $\pm 5\%$ )	16.67 - 568 Lpm
Standard capacity range	5 - 75 m <sup>3</sup>
Extended capacity range	25 - 375 m <sup>3</sup>

## 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
Mounting	Side mount
Electronic	
Hot water	65°C meter / 82°C timeclock

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