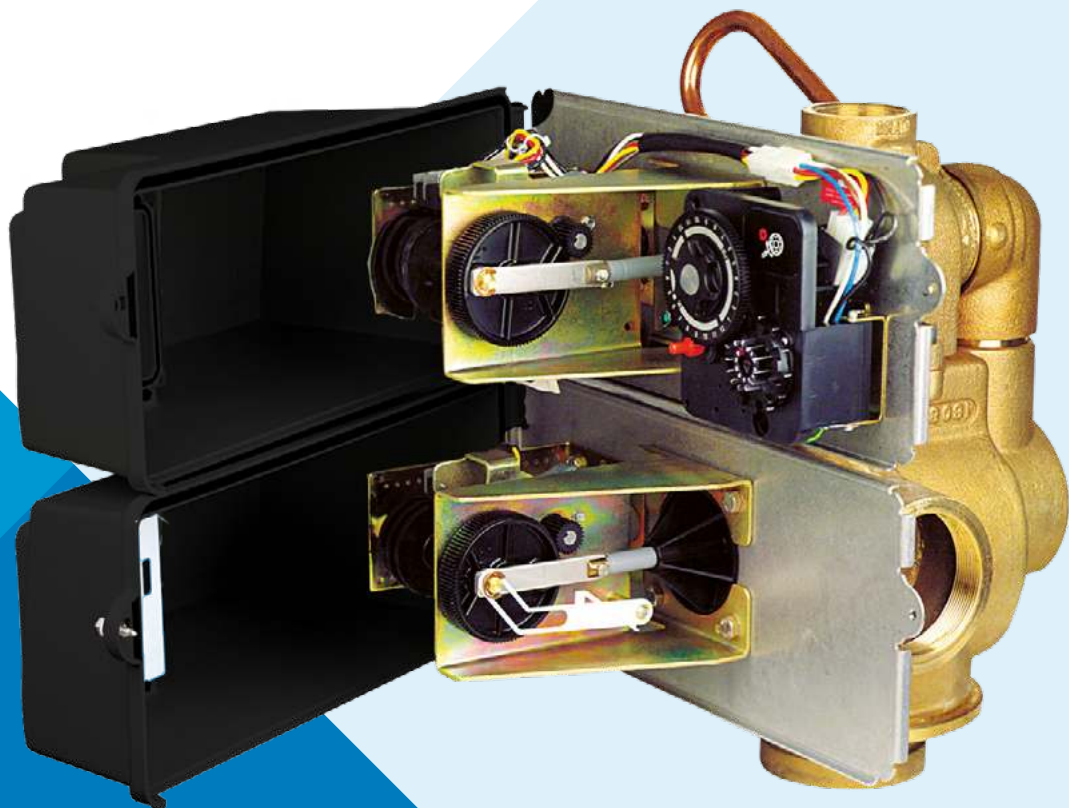


# TECHNICAL SHEET

FLECK  
INDUSTRIAL VALVE 3900



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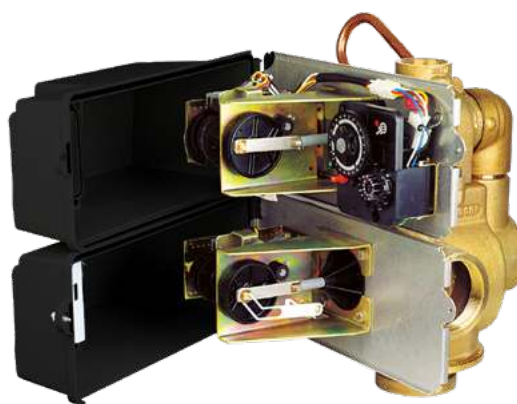
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## FLECK INDUSTRIAL VALVE 3900

### TECHNICAL CHARACTERISTICS

- Ideal for industrial application and multivalve systems
- Improved 2 pistons-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 Hz, other upon request
Protection index	IP 22

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

Continuous ( $\Delta p = 1$ bar)	57 m <sup>3</sup> /h
Peak ( $\Delta p = 1.8$ bar)	74 m <sup>3</sup> /h
Cv*	65 gpm
Maximum backwash ( $\Delta p = 1.8$ bar)	24 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	3" BSP
Distributor tube	90mm (DN 80)
Riser tube cut: Target / Max / Min	Flush with top tank / 0.5" above tank / 0.75" below tank
Drain line	2" BPS
Brine line (1800)	1" NPT
Mounting base	6" - 8 thread UN
Height (from the top of tank)	381 mm
<b>Tank size application (recommended)</b>	
Water softener	30 - 60" (760 - 1520 mm)
Filters	24 - 42" (610 - 1070 mm)

## METER

	Mechanical	Electronic
Accuracy range ( $\pm 5\%$ )	26.67 - 1133 Lpm	N/A
Standard capacity range	14 - 240 m <sup>3</sup>	N/A
Extended capacity range	70 - 1200 m <sup>3</sup>	N/A

## REGENERATION CYCLES

Down flow	Upflow
1) Backwash (Upflow)	1) Brine and slow rinse (Upflow)
2) Brine & slow rinse (Down flow)	2) Back wash (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	

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