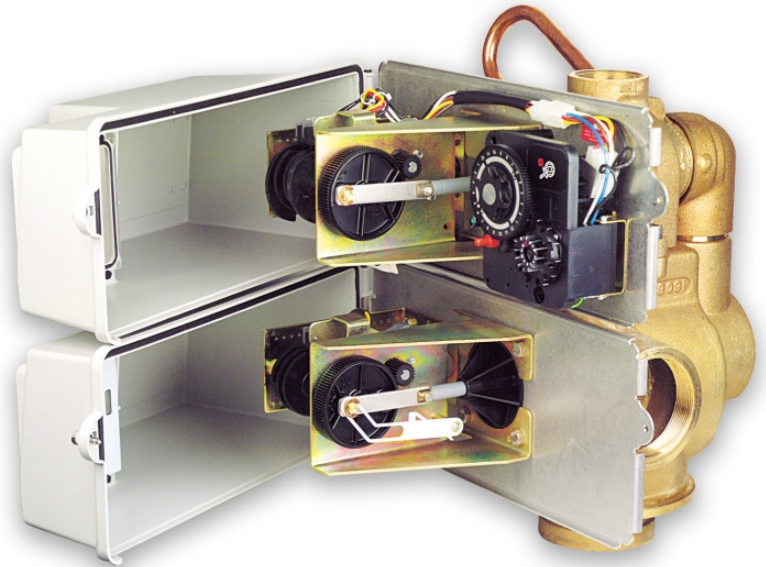


## 3900

- Ideal for industrial application and multivalve systems
- Improved 2 pistons-system technology to drive independent 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



<b>Valve body</b>		
Material	Brass	
<b>Flow rate (3,5 bar inlet) Valve alone</b>		
Continuous	( $\Delta$ 1 bar drop)	57 m <sup>3</sup> /h
Peak	( $\Delta$ 1,8 bar drop)	74 m <sup>3</sup> /h
Cv*	65	
Maximum backwash	( $\Delta$ 1,8 bar drop)	24 m <sup>3</sup> /h
<b>Downflow regeneration</b>		
Cycles	Adjustable	
Time available (mechanical)	164 min	
Time available (electronic)	Up to 99 min per cycle	
<b>Dimensions</b>		
Inlet/outlet	3" BSP	
Distributor pilot	90 mm (DN 80)	
Drain line	2" BSP	
Brine line (1800)	1" NPT	
Mounting base	6" - 8 threaded UN	
Height (from top of tank)	381 mm	
<b>Tank size application (recommended)</b>		
Water softener	30" - 60" (760 - 1520 mm)	
Filters	24" - 42" (610 - 1070 mm)	
<b>Electrical rating</b>		
Protection index (IP)	24V-50Hz, other upon request 44	

<b>Pressure</b>		
Hydrostatic	20 bar	
Working	1,8 - 8,5 bar	
<b>Working temperature</b>		
1 - 43°C		
<b>Meter</b>		
Accuracy range (+/- 5%)	26,67 - 1133 l/min	
Capacity range	Standard	14 - 240 m <sup>3</sup>
	Extended	70 - 1200 m <sup>3</sup>
<b>Regeneration cycles</b>		
Down flow	Up flow	
1) Backwash (Up flow)	1) Brine and slow rinse (Up flow)	
2) Brine and slow rinse (Down flow)	2) Backwash (Up flow)	
3) Rapid rinse (down flow)	3) Rapid rinse (down flow)	
4) Brine tank refill	4) Brine tank refill	
5) Service	5) Service	
<b>Options</b>		
No water during regeneration	NBP	
Regeneration	Upflow	
Mounting	Side Mount	
Electronic		

\*Cv: Flow rate of valve alone in GPM at 0,07 bar pressure drop