



## 7700 SXT

- High Flow 1" 1/4 valve
- Up to 8 m<sup>3</sup>/h flow rate
- Cycle positioning using optical sensor
- Double backwash
- Easy programming
- Quick connect clips allowing easy installation and maintenance
- Soft water refill
- Variable reserve



Valve body		PPO***		
Material				
<b>Flow rate (3,5 bar inlet)</b>	Valve alone	Standard	High Flow	Filter
Continuous	( $\Delta p = 1$ bar)	6,20 m <sup>3</sup> /h	8,1 m <sup>3</sup> /h	8,3 m <sup>3</sup> /h
Peak	( $\Delta p = 1,8$ bar)	8,06 m <sup>3</sup> /h	10,4 m <sup>3</sup> /h	10,7 m <sup>3</sup> /h
Cv *		7,10	9,2 m <sup>3</sup> /h	9,5 m <sup>3</sup> /h
Maximum backwash	( $\Delta p = 1,8$ bar)	1,70 m <sup>3</sup> /h	3,6 m <sup>3</sup> /h	7,1 m <sup>3</sup> /h
<b>Downflow regeneration</b>				
Cycles		Adjustable		
Maximum time available		199 min each cycle		
<b>Dimensions</b>				
Inlet/outlet		1" or 3/4" conical BSP		
Distributor pilot		26,7 mm (1") or 32 mm without adapter		
Drain line		3/4" or 1" QC**		
Brine line		3/8" QC**		
Mounting base		2" 1/2 - 8 NPSM		
Height (from top of tank)		200,6 mm		
<b>Tank size application (recommended)</b>				
Water softener		8" - 24" (203 mm - 610 mm)		
Filter		10" - 24" (203 mm - 610 mm)		
<b>Electrical rating</b>		24V-50Hz or 60Hz		
Protection index		IP 22		
<b>Pressure</b>				
Hydrostatic		20 bar		
Working		1,4 to 8,5 bar		
<b>Working temperature</b>		1 to 43°C		
<b>Meter</b>				
Accuracy range (+/- 5%)		7,5 l/min - 151 l/min		
Capacity range		Up to 9999 m <sup>3</sup>		

### Microprocesseur

Display	LCD
Initialisation parameter backup time	+ 10 years
Variable parameter backup	48 hours
Backup mode	Capacitor
Adjustable parameters	Time of day, regeneration time, cycle time, capacity, inlet hardness, day override and safety factor
Display viewed	Time of day, volume remaining, remaining cycle time, cycle in progress
Regeneration	Timeclock delayed or 7 days, meter delayed or immediate

### Regeneration cycles

Downflow	Filter
1) Backwash (Up flow)	1) Backwash (Up flow)
2) Brine and slow rinse (Down flow)	2) Rapid rinse (Down flow)
3) 2 <sup>nd</sup> Backwash (Up flow)	
4) Rapid rinse (Down flow)	
5) Brine tank refill	

### Options

By-pass
Filter

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

\*\* QC: Quick connect

\*\*\* PPO: Polyphenylene oxide