Residential Valve

FLECK
Pentair Water

7700 SXT

- High Flow 1" 1/4 valve
- Up to 8 m³/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				
Material		PPO***		
Flow rate (3,5 bar inlet)	Valve alone	Standard	High Flow	Filter
Continuous	(Δp = 1 bar)	6,20 m³/h	8,1 m³/h	8,3 m³/h
Peak	(Δp = 1,8 bar)	8,06 m³/h	10,4 m³/h	10,7 m³/h
Cv *		7,10	9,2 m³/h	9,5 m³/h
Maximum backwash	(Δp = 1,8 bar)	1,70 m³/h	3,6 m³/h	7,1 m³/h
Downflow regeneration				
Cycles		Adjustable		
Maximum time available		199 min each cycle		
Dimensions				
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		
Tank size application (recommended)				
Water softener		8" - 24" (203 mm - 610 mm)		
Filter		10" - 24" (203 mm - 610 mm)		
Electrical rating		24V-50Hz or 60Hz		
Protection index		IP 22		
Pressure				
Hydrostatic		20 bar		
Working		1,4 to 8,5 bar		
Working temperature		1 to 43°C		
Meter				
Accuracy range (+/- 5%)		7,5 l/min - 151 l/min		
Capacity range		Up to 9999 m³		

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) 2nd 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

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P/N BU27366 RevA