



# TECHNICAL SHEET

**FLECK**

COMMERCIAL VALVE 7700 SXT





## FLECK COMMERCIAL VALVE - 7700 SXT

### TECHNICAL CHARACTERISTICS



- High Flow 1¼ inch 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

### OPERATING SPECIFICATIONS

#### VALVE SPECIFICATION

Material	PPO*
Hydrostatic pressure	20 bar
Working pressure	1.4 - 8.5 bar
Working temperature	1 - 43 °C
Electrical rating	24 V / 50 or 60 Hz
Protection index	IP 22

\*PPO: Polyphenylene oxide

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

Type	Standard	High Flow	Filter
Continuous ( $\Delta p = 1$ bar)	6.20 m³/h	8.1 m³/h	8.3 m³/h
Peak ( $\Delta p = 1.8$ bar)	8.6 m³/h	10.4 m³/h	10.7 m³/h
Cv*	7.10 gpm	9.2 gpm	9.5 gpm
Maximum backwash ( $\Delta p = 1.8$ bar)	1.70 m³/h	3.6 m³/h	7.1 m³/h

\* Cv: Flow rate of valve alone in gpm at 0.07 bar pressure drop.

#### DOWN FLOW REGENERATION

Cycles	Adjustable
Setting range	Up to 199 min each cycle

## CONNECTIONS - DIMENSION

Inlet / outlet	1 or ¾ inch BSP
Distributor tube	26.7 mm (1 inch) or 32 mm without adapter
Drain line	1 or ¾ inch QC*
Brine line 1600	¾ inch QC*
Mounting base	2 ½ inches - 8 NPSM
Height (from top of tank)	200.6 mm
<b>Tank size application (recommended)</b>	
Water softener	8 - 24 inches (203 - 610 mm)
Filters	10 - 24 inches (254 - 610 mm)

\* QC: Quick connect

## METER

Accuracy range	7.5 - 151 Lpm
Capacity range	Up to 9999 m³

## MICROPROCESSOR

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

Down flow	Filter
1) Backwash (Upflow)	1) Backwash (Upflow)
2) Brine and slow rinse (Down flow)	2) Rapid rinse (Down flow)
3) Second Backwash (Upflow)	
4) Rapid rinse (Down flow)	
5) Brine tank refill	

## OPTIONS

Upflow regeneration
Bypass valve

