

TECHNICAL SHEET

FLECK TWIN VALVE SERIE 9000





FLECK VALVE TWIN SERIE 9000

TECHNICAL CHARACTERISTICS

- Soft water continuously, one tank in use, the second one in regeneration or stand-by
- Regeneration with softened water.
- Valve body in brass, which permit to adapt the hot water option up to 65°C
- Adjustable cycles
- Fast connection of the second tank, to order separately
- Upflow regeneration



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 or 60 Hz, other upon request
Protection index	IP 22
Certificates	2004/108/CE, Electromagnetic compatibility 2006/95/CE, Low voltage D.M. 174/04, Italian norm

FLOW RATE (3.5 BAR INLET - VALVE ALONE)		
	3/4 inch	1 inch
Continuous ($\Delta p = 1 \text{ bar}$)	4 m³/h	$4.7 \text{m}^3/\text{h}$
Peak ($\Delta p = 1.8 \text{ bar}$)	5.4 m ³ /h	6.3 m ³ /h
Cv*	4.8 gpm	5.1 gpm
Maximum backwash ($\Delta p = 1.8 \text{ bar}$)	1.9 m ³ /h	1.9 m ³ /h
		* Cv: Flow rate of valve alone in apm at 0.07 bar pressure drop

DOWN FLOW REGENERATION		
	Mechanical	Electronic
Cycles	Adjustable	Adjustable
Time available	164 min	199 min each cycle



CONNECTIONS	
Inlet / outlet	³ / ₄ or 1 inch BSP
Distributor tube	26.7 mm(1 inch)
Drain line	½ inch
Brine line 1600	¾ inch
Mounting base	2 ½ inches - 8 NPSM
Height(from top of tank)	165 mm
Tank size application (recommended)	
Watersoftener	6 - 16 inches (150 - 400 mm)

METER		
	3/4 inch	1 inch
Accuracy range (± 5%)	1 - 57 Lpm	2.6 - 151 Lpm
Standard capacity range	0.5 - 8 m ³	1 – 20 m³
Extended capacity range	2.5 - 40 m ³	5 - 100 m ³

REGENERATION CYCLES	
Down flow	Upflow
1) Brine and slow rinse (Upflow)	1) Backwash (Upflow)
2) Backwash (Upflow)	2) Brine and slow rinse (Down flow)
3) Rapid rinse (Down flow)	3) Rapid rinse (Down flow)
4) Brine tank refill	4) Brine tank refill
5) Service	5) Service

OPTIONS	
Regeneration	Upflow
Electronic	ET, SXT
Hot water	65°C
By-pass	Valve ¾ inch
Hot water	65°C meter / 82°C timeclock

