



TECHNICAL SHEET

FLECK

RESIDENTIAL VALVE 4600





FLECK RESIDENTIAL VALVE - 4600

TECHNICAL CHARACTERISTICS



- Brine tank refill, efficient and reliable
- Modular design simplifies the disassembly and the maintenance
- Valve body in brass
- Regeneration:
 - Timeclock: 7 or 12 days
 - Meter: delayed or immediate

OPERATING SPECIFICATIONS

VALVE SPECIFICATION

| | |
|----------------------|-----------------------------------|
| Material | Brass |
| Hydrostatic pressure | 20 bar |
| Working pressure | 1.4 - 8.5 bar |
| Working temperature | 1 - 43 °C |
| Electrical rating | 230 V / 50 Hz, other upon request |
| Protection index | IP 22 |

FLOW RATE (3.5 BAR INLET - VALVE ALONE)

| | |
|--|-----------------------|
| Continuous ($\Delta p = 1$ bar) | 4.5 m ³ /h |
| Peak ($\Delta p = 1.8$ bar) | 5.9 m ³ /h |
| Cv* | 5.2 gpm |
| Maximum backwash ($\Delta p = 1.8$ bar) | 1.6 m ³ /h |

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

DOWN FLOW REGENERATION

| | Mechanical |
|----------------|------------|
| Cycles | Adjustable |
| Time available | 180 min |

CONNECTIONS - DIMENSION

| | |
|---------------------------|--------------------|
| Inlet / outlet | 1 or ¾ inch BSP |
| Distributor tube | 26.7 mm (1 inch) |
| Drain line | ½ inch |
| Brine line 1600 | ¾ inch |
| Mounting base | 2½ inches - 8 NPSM |
| Height (from top of tank) | 180 mm |

Tank size application (recommended)

| | |
|----------------|------------------------------|
| Water softener | 6 - 12 inches (150 - 300 mm) |
| Filters | 6 - 10 inches (150 - 250 mm) |

METER

Mechanical

| | |
|-------------------------|-------------------------|
| Accuracy range (± 5%) | 1 - 57 Lpm |
| Standard capacity range | 0.5 - 8 m ³ |
| Extended capacity range | 2.5 - 40 m ³ |

REGENERATION CYCLES

Down flow

- 1) Preliminary rinse
- 2) Backwash
- 3) Brine and slow rinse (Down flow)
- 4) Rapid rinse (Down flow)
- 5) Setting rinse
- 6) Brine tank refill
- 7) Service

OPTIONS

| | |
|------------------------------|-----------------------------|
| No water during regeneration | NBP |
| Regeneration | Fast regeneration (90mn) |
| Bypass | |
| Filter | |
| Hot water | 65°C meter / 82°C timeclock |

Contact us:

By mail

Commercial support

commercial.prfemea@pentair.com

Technical support

techsupport.water@pentair.com

Marketing support

marketing.prfemea@pentair.com

By phone

Tel. +41 21 623 69 69