

FLECK

Residential valve 5800
with XTRi connected
controller



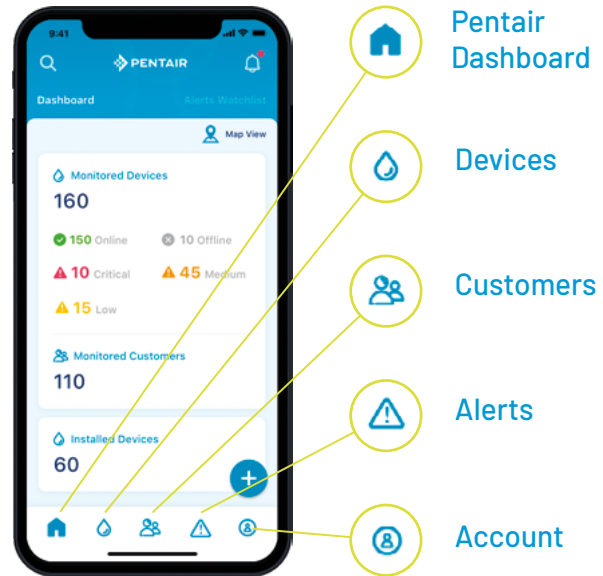


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Residential valve 5800 with XTRi connected controller



This controller features WiFi and Bluetooth connectivity to sync with the Pentair Home and Pentair Pro apps allowing homeowner take charge of their water with information at their fingertips.



TECHNICAL CHARACTERISTICS

- ◆ Excellent service rates (21 gpm or 4.8 m³/h continuous, 27 gpm or 6.1 m³/h peak) and backwash flow rate (17 gpm or 3.9 m³/h @ 1.8 bar psi ΔP)
- ◆ Fast positioning reversible 10.000 RPM 12 V DC drive motor
- ◆ Seal and spacer cartridge for easy servicing
- ◆ Precise positioning of the piston using optical sensor
- ◆ Filling of treated water for better regeneration efficiency and cleaner brine tank
- ◆ Upflow or countercurrent regeneration
- ◆ Downflow or co-current regeneration
- ◆ Filter (standard upflow piston; down flow possible)
- ◆ Metered or time clock initiated regeneration
- ◆ Variable brining for increased efficiency

FOCUS ON XTRi CONTROLLER

- ◆ Ability to connect to Pentair and Pentair Pro apps via WiFi*
- ◆ Remote monitoring technology : WiFi connectivity allows user to view system status and receive push alerts
- ◆ Display on premium LCD touch screen
- ◆ Customizable programming
- ◆ Help / assistance screen with optional retailer contact information
- ◆ Easy programming with user-friendly interface
- ◆ Shutdown when system error alarm goes off

***Please visit**

pentair.com/connectedsoftener for more information on Pentair Home and Pentair Pro apps.

A stable and sufficient WiFi signal is essential



OPERATING SPECIFICATIONS

VALVE SPECIFICATIONS

Valve material	Reinforced PPO (Polyphenylene oxide) glass fibre
Inlet/Outlet	0.75, 1 or 1.25"
Cycles	5 (to 7 according to settings)

FLOW RATE (3.5 BAR INLET) - VALVE ALONE

Continuous ($\Delta p = 1$ bar)	4.8 m ³ /h	21 gpm
Peak ($\Delta p = 1.8$ bar)	6.1 m ³ /h	27 gpm
Kv / Cv*	4.67	5.4
Max. backwash ($\Delta p = 1.8$ bar)	17 gpm	3.9 m ³ /h

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

REGENERATION

Down flow / Upflow	Storm, Typhoon & Hurricane
Adjustable cycles	Typhoon & Hurricane
Timer	Storm: minutes calculated Typhoon: 0 - 199 minutes per cycle Hurricane: 0 - 199 minutes per cycle

METER INFORMATION

Meter accuracy range	1 - 57 l/min \pm 5%
Meter capacity range (gal.)	Storm: volume calculated Typhoon: 1 - 999.900 Hurricane: 1 - 999.900

DIMENSIONS

Central tube	1.05" ext. dia., 26.7 mm
Cutting height of central tube	Bottle waves of \pm 5 mm
Injector brine system	Ext. dia. 1/2" DN 15 (15/21 mm)
Connection to drain	1650
Brine line	3/8"
Mounting base	2 1/2" - 8 NPSM
Height (from the cylinder thread)	9", 228 mm

TYPICAL APPLICATIONS

Water softener	6 - 16" \emptyset (limited by maximum injector size)
Filter	8 - 16" \emptyset (based on 10 gpm per sq. ft.)

* Valve delivered with an upflow piston, which will set the filter in upflow mode. Only Typhoon and Hurricane allow for a filter with a down flow piston.

ADDITIONAL INFORMATION

Electrical rating	12 V DC
Pressure	Hydrostatic: 300 psi, 20 bar Working: 20 - 125 psi, 1.4 - 8.6 bar
Temperature	34 - 110°F, 1 - 43°C



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