

FLECK

Residential valve 5800
with XTRi connected
controller

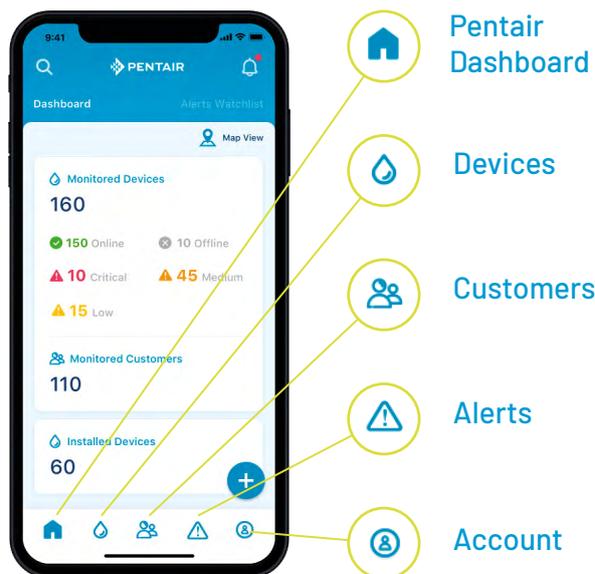


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Residential valve 5800 with XTRi connected controller



This controller features WiFi and Bluetooth® wireless technology 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	SXT & XTR
Adjustable cycles	SXT & XTR
Timer	SXT: 0 - 199 minutes per cycle XTR: 0 - 199 minutes per cycle

METER INFORMATION

Meter accuracy range	1 - 57 l/min \pm 5%
Meter capacity range (gal.)	SXT: 1 - 999.900 XTR: 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 SXT and XTR 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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