



FLECK

Residential valve 5800 with XTRi connected controller





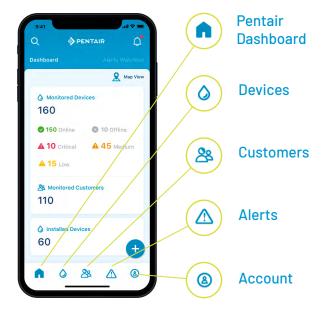


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Residential valve 5800 with XTRi connected controller



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 fow 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 wia 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

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

A stable and sufficient WiFi signal is essential





OPERATING 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 (Δp = 1 bar) 4.8 m³/h 21 gpm Peak (Δp = 1.8 bar) 6.1 m³/h 27 gpm Kv / Cv* 4.67 5.4 Max. backwash (Δp = 1.8 bar) 17 gpm 3.9 m³/h **Cv: Flow rate of valve alone in gpm at 0.07 bar pressur REGENERATION Down flow / Upflow SXT 8 XTR Adjustable cycles SXT 8.XTR Timer SXT 5.2 - 199 minutes per cycle METER INFORMATION XTC: 0 - 199 minutes per cycle Meter accuracy range 1 - 57 l/min ± 5% Meter capacity range (gal.) XTC: 1 - 999.900 DIMENSIONS Central tube 1.05° ext. dia., 26.7 mm Cutting height of central tube Bottle waves of ± 5 mm Injector brine system Ext. dia. ½° DN 15 (15/21 mm) Connection to drain 1660 Brine line ¾° <tr< th=""><th>LVE SPECIFICATIONS</th><th></th></tr<>	LVE SPECIFICATIONS	
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REGENERATION Down flow / Upflow Adjustable cycles SXT & XTR Timer SXT: 0 - 199 minutes per cycle XTR: 0 - 199 minutes per cycle METER INFORMATION Meter accuracy range 1 - 57 I/min ± 5% Meter capacity range (gal.) SXT: 1 - 999.900 XTR: 1 - 999.900 XTR: 1 - 999.900 TOWN STR: 1 - 999.900 DIMENSIONS Central tube 1.05" ext. dia., 26.7 mm Cutting height of central tube Bottle waves of ± 5 mm Injector brine system Ext. dia. ½" DN 15 (15/21 mm) Connection to drain Brine line	Cv*	4.67 5.4
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Injector brine system Ext. dia. ½" DN 15 (15/21 mm) Connection to drain 1650 Brine line 3/8"	tral tube	1.05" ext. dia., 26.7 mm
Connection to drain 1650 Brine line 3/8"	ring height of central tube	Bottle waves of ± 5 mm
Brine line 3/8"	ctor brine system	Ext. dia. ½" DN 15 (15/21 mm)
	nection to drain	1650
Mounting base 2 ½ " - 8 NPSM	ie line	3/8"
	inting base	2 ½ " - 8 NPSM
Height (from the cylinder thread) 9", 228 mm	ght (from the cylinder thread)	9″, 228 mm
TYPICAL APPLICATIONS	PICAL APPLICATIONS	
Water softener $6-16'' \emptyset$ (limited by maximum injector size)	er softener	6 - 16″ Ø (limited by maximum injector size)
Filter 8 - 16" Ø (based on 10 gpm per sq. ft.)	er	8 - 16″ Ø (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, which will set the filter in upflow mode. Only SXT and XTR allow for a filter with a down flow pist
ADDITIONAL INFORMATION	DITIONAL INFORMATION	
Electrical rating 12 V DC	ctrical rating	12 V DC
Pressure Hydrostatic: 300 psi, 20 bar Working: 20 - 125 psi, 1.4 - 8.6 bar	ssure	

34 - 110°F, 1 - 43°C

Temperature



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