

# PENTAIR FLECK HERITAGE

For over a half century, Pentair and Fleck have led the advance in control valve technology for water treatment and filtration applications. The 5800 series valve was designed to continue this tradition of technological leadership.

Generations of water industry professionals have seen good reason to stand behind Pentair and Fleck. The 5800 Series Valves were created to keep this proud legacy of partnership continuing for generations to come.

## FEATURE-RICH, FLEXIBLE AND DEPENDABLE

### A GREAT TRADITION JUST GOT BETTER.

The Pentair Fleck 5800 Series Valves set a brand new standard for adaptability and innovative features. At the same time, they come from a company known for decades of expertise in the water industry, millions of units in service, and a tradition of rock-solid reliability.

This combination spells success for residential water conditioning dealers. It brings together the features homeowners prefer with the time-tested component designs professionals can trust for years of customer satisfaction.

- Higher flow rates** – See chart
- Faster setup time** – 10,000 RPM fast-positioning motor with 12 volt DC drive
- Soft water refill** – for better brine saturation and a cleaner brine tank
- Time of day backup** – a built-in super capacitor maintains system data up to 12 hours after a home power outage
- Easy servicing** – cartridge-based seal and spacer design for quick and easy replacement
- Optical technology** – optical sensors control the backwash cycle for trustworthy, precise performance

MAX FLOW RATES (GPM)			
	5800	5810	5812
SERVICE	21	36	43
PEAK	27	47	56
BACKWASH	17	28	33

Downflow valve only



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# FLECK 5800 SERIES VALVES CONTINUING THE LEGACY

PENTAIR FLECK®



# ONE VALVE SERIES, MULTIPLE OPTIONS

There is no need to stock a variety of control valves for filter or softener applications with the Pentair Fleck® 5800 Series Valves. Every single 5800 was engineered to adapt easily to a wide variety of residential water system configurations.

- Effective in both upflow or downflow systems
- Choose from metered or time clock regeneration
- Bypass valves of fiber reinforced polymer or stainless steel
- Your choice of plumbing yoke connections: 3/4", 1", 1-1/4" NPT, BSP, sweat, and CPVC
- Three interchangeable controller modules that attach to the valve with the same plug-and-play connectors



Multiple bezels to match other system components or create your own unique brand identity:



BLACK



BLUE



SILVER



ENVIRONMENTAL

# LEADING THE EVOLUTION - XTR2 TOUCH SCREEN

Pentair Fleck brings you the Fleck XTR2 Controller—the first touch screen control valve to hit the industry. With its detailed screen descriptions, color LCD display, and familiar icons, the XTR2 controller brings ease of programming and a user-friendly experience to the table.



# 5800, 5810 AND 5812 VALVES

**The 5800 Series of Pentair Fleck valves provide a common solution for a wide variety of filtration and softening applications. Developed on the same platform as the 5800, the 5810 and 5812 valves offer flexibility with a familiar appearance, while reducing carrying costs.**

## 5800

High Performance  
flexible 3/4"



## 5810

High Performance  
flexible 1" Valve



## 5812

High Performance  
flexible 1-1/4" Valve



## Mechanical Stops

To prevent overtightening of plastic nuts

## Side Mount Meter

With encapsulated magnets for reduced maintenance

## Seal & Spacer "snap-together" Cartridge with EPDM (black) Seals

For extended service life and simplified replacement

## End Cap/Plug

Easily installed or removed using a screwdriver or hex wrench

It is an instinctual gesture to reach out for what you want. The use of a touch screen is just as basic— all you have to do is point.

# PLUG-AND-PLAY CONTROLLERS

Transform an ordinary system into a premium performer simply by changing controllers, thanks to the Pentair Fleck 5800 Series Valves three interchangeable controllers. All three attach to the valve with the same connector, making it easy to give the end user a choice of timer features and functionality:



## SIMPLICITY

**LXT** – midsize LCD display comes pre-programmed for your choices of softener or filter and time clock or metered, with a maximum of 5 parameters to complete set-up.



## COMPLETELY CUSTOMIZABLE

**SXT** – Large LCD display with one programmable relay output for both normally open and normally closed contacts



## CONTROLLER ENHANCED

**XTR2** – premium touch screen LCD display with two programmable relay outputs for both normally open and normally closed contacts.

# FEATURES & BENEFITS

Time of day super capacitor backup for power loss

Large color LCD touch screen display

Programmable relay output

Remote lockout and regen input

Easy electronic programming

Error alarm

Assistance screen with dealer contact information

Programmable assistance interval with alarm for service

Master settings by category

Intuitive navigation

Field Programmer for quick configuration and diagnostic data download to PC via USB

Password lockout screen for added security

Vacation mode to save water when not in use

## Diagnostics

- Current Flow Rate
- Peak Flow Rate (can be reset)
- Totalizer (can be reset)
- Last Regeneration
- Daily Usage for Last Six Weeks
- Reserve
- Software Version
- Number of Regenerations
- Regeneration Interval
- Usage Since Last Regeneration
- Last Program Change

