



FLECK 5800 SERIES VALVES

NEW PERFORMANCES,
NEW HEIGHTS

FILTRATION SOLUTIONS

The 5800 Series

a common solution for a wide variety of applications

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



5810



5812



**Maximum
flow rates
m³/h (gpm)**

DF / UF

DF / UF / FILTER

DF / UF / FILTER

Service ($\Delta p = 1$ bar)	4.7 (21)	8.17 (36) / 7.9 (39) / 7 (31)	9.9 (43) / 8.9 (39) / 8.4 (37)
Peak ($\Delta p = 1.8$ bar)	6.1 (27)	10.6 (47) 10.1 (45) 9.0 (40)	12.7 (56) 11.9 (51) 10.7 (47)
KV (m ³ /hr).bar	4.7	8.1 / 7.7 / 7.8	9.7 / 8.7 / 8.1
Backwash ($\Delta p = 1.7$ bar)	3.9 (17)	6.3 (28) / 6.9 (30) / 7.5 (33)	7.5 (33) / 8.1 (36) / 9.9 (45)

2 ½ inch base

A great tradition

just got better

The Pentair Fleck 5800 family sets 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.



Easy servicing

Cartridge-based seal and spacer design for quick and easy replacement.

Faster setup time

10,000 RPM fast positioning motor with 12 volt DC drive.



Easy and quick assembly

A snap fit/clip system with a limited number of screw, allows an easier and quicker assembly and disassembly which facilitates the installation set-up and the maintenance.



Optical technology

Optical sensors control the backwash cycle for trustworthy, precise performance.

Clear backlit display

Easy visibility even in a dark basement.



Soft water refill

Increases the regeneration efficiency and helps reducing the system's maintenance.



Customize the front cover / bezel

This option allows to create a unique identity.



3 interchangeable timers

Allows professionals to upgrade a standard system in a premium one, simply by changing timer.

PLUG-AND-PLAY CONTROLLERS



PROGRAM & PLAY

LXT – Storm*

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.

*specifically for the 5800



COMPLETELY CUSTOMIZE-ABLE

SXT – Typhoon

Large LCD display and user-selectable time clock or metered function; usable for filter or softener systems.



EXTREME DIY

XTR – Hurricane

Premium touch screen LCD display with two programmable relay outputs for both normally open and normally closed contacts.

Multiple controllers option

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

XTR – HURRICANE

User-friendly interface

- Detailed screen descriptions
- Color LCD display
- System error alarm shutoff
- Help / Assistance screen with optional dealer contact info
- Programmable Assistance Interval with alarm for service

Advanced features

- Proportional brining
- Chlorination / disinfection
- Continuous flow leak detection

Easy programming

- Master settings by category
- Familiar icons
- Intuitive navigation
- Password lock-out screen

Features

5812

High performance
flexible 1 1/4" valve

2 1/2 & 4"
threaded
base



End cap/plug

for an easy installation and
removal using a screwdriver
or hex wrench



Filter plastic piston



Upflow plastic piston



**Downflow
plastic piston**

Mechanical stops

to prevent overtightening of
plastic nuts



**Seal & spacer "clipping"
cartridge with EPDM
(black) seals**

for extended service life
and simplified replacement

5810

High performance
flexible 1" valve



Side mount meter

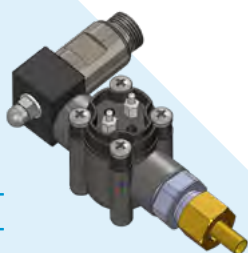
with encapsulated magnets
for reduced maintenance



PENTAIR
FLECK HERITAGE

Chlorinator kit (for 5800 XTR)

Now available! Can be used on any 5800 XTR valve and
installed in few minutes. The purpose of this chlorinator
is to sterilize the resin bed.



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