



# FLECK PRODUCT OVERVIEW

# PENTAIR FLECK COMMERCIAL VALVES



	9100	9000	9500	5812
<b>Valve Material</b>	Fiber-Reinforced Polymer	Lead-Free Brass	Lead-Free Brass	Fiber-Reinforced Polymer
<b>Inlet/Outlet</b>	3/4", 1", or 1-1/4"	3/4", 1", or 1-1/4"	1-1/2"	3/4", 1", or 1-1/4"
<b>Service Flow Rate (gpm) 15 psi drop</b>	20.1	21	38	Downflow 43 Upflow 39 Filter 37
<b>Backwash Flow Rate (gpm) 25 psi drop</b>	8.5	8.5	16	Downflow 33 Upflow 36 Filter 45
<b>Softener Tank Size</b>	6 - 16"	6 - 16"	10 - 24"	8 - 24"
<b>Filter Tank Size Based on 10 gpm/ft<sup>2</sup></b>				8 - 24"
<b>Timer Type</b>	Electromechanical SXT XT Logix - Twin Sensor	Electromechanical SXT XT	Electromechanical SXT XT	SXT XTR2
<b>Adjustable Cycles</b>	•	•	•	•
<b>Bypass</b>	•	•		•
<b>Upflow Regeneration</b>	Logix - TS Only			•
<b>No Bypass Piston</b>				•
<b>Auxiliary Switch</b>	•	•	•	•
<b>Manual Lever</b>				
<b>Hot Water</b>		•	•	
<b>Duplex</b>	Twin	Twin	Twin	
<b>Multiplex</b>				



	2750	2850	2850s	2900s	3150	3900
<b>Valve Material</b>	Lead-Free Brass	Lead-Free Brass	Lead-Free Brass	Lead-Free Brass	Lead-Free Brass	Lead-Free Brass
<b>Inlet/Outlet</b>	1"	1-1/2"	1-1/2"	2"	2"	3"
<b>Service Flow Rate (gpm) 15 psi drop</b>	26	46	70	106	95	250
<b>Backwash Flow Rate (gpm) 25 psi drop</b>	25	47	70	36	100	100
<b>Softener Tank Size</b>	10 - 30"	14 - 36"	14 - 36"	14 - 36"	14 - 63"	24 - 63"
<b>Filter Tank Size Based on 10 gpm/ft<sup>2</sup></b>	10 - 21"	14 - 30"	14 - 30"	14 - 24"	14 - 42"	24 - 42"
<b>Timer Type</b>	Electromechanical SXT XT NXT	Electromechanical SXT XT NXT	Electromechanical SXT XT NXT	Electromechanical XT NXT	Electromechanical XT NXT	Electromechanical XT NXT
<b>Adjustable Cycles</b>	•	•	•	•	•	•
<b>Bypass</b>						
<b>Upflow Regeneration</b>				•	•	•
<b>No Bypass Piston</b>	•	•	•	•	•	•
<b>Auxiliary Switch</b>	•	•	•	•	•	•
<b>Manual Lever</b>	•	•				
<b>Hot Water</b>	•	•		•	•	
<b>Duplex</b>	Electromechanical NXT	Electromechanical NXT	Electromechanical NXT	Electromechanical NXT	Electromechanical NXT	Electromechanical NXT
<b>Multiplex</b>	NXT only	NXT only	NXT only	NXT only	NXT only	NXT only



# PENTAIR FLECK RESIDENTIAL VALVES



	5600	4650	5600 SXT	5000
<b>Valve Material</b>	Fiber-Reinforced Polymer	Lead-Free Brass	Fiber-Reinforced Polymer	Fiber-Reinforced Polymer
<b>Inlet/Outlet</b>	3/4", 1", or 1-1/4"	3/4", 1", or 1-1/4"	3/4", 1", or 1-1/4"	3/4", 1", or 1-1/4"
<b>Service Flow Rate (gpm) <i>15 psi drop</i></b>	20	20	20	21
<b>Backwash Flow Rate (gpm) <i>25 psi drop</i></b>	7	7	7	17
<b>Softener Tank Size</b>	6 - 12"	6 - 12"	6 - 12"	6 - 16"
<b>Filter Tank Size <i>Based on 10 gpm/ft<sup>2</sup></i></b>	8 - 10"	6 - 10"	6 - 10"	6 - 16"
<b>Timer Type</b>	Electromechanical	Electromechanical	SXT	SXT
<b>Adjustable Cycles</b>	Brine fill only	Brine fill only	•	•
<b>Bypass</b>	•	•	•	•
<b>Upflow Regeneration</b>	•		•	•
<b>No Bypass Piston</b>				
<b>Auxiliary Switch</b>	•	•	•	•
<b>Manual Lever</b>				
<b>Hot Water</b>		•		
<b>Duplex</b>				
<b>Multiplex</b>				



	5800	5810	2510	7000
<b>Valve Material</b>	Fiber-Reinforced Polymer	Fiber-Reinforced Polymer	Fiber-Reinforced Polymer	Fiber-Reinforced Polymer
<b>Inlet/Outlet</b>	3/4", 1", or 1-1/4"	3/4", 1", or 1-1/4"	3/4", 1", or 1-1/4"	3/4", 1", or 1-1/4"
<b>Service Flow Rate (gpm) <i>15 psi drop</i></b>	21	Downflow 36 Upflow 39 Filter 31	19	Standard 28 High Flow 36 Filter 37
<b>Backwash Flow Rate (gpm) <i>25 psi drop</i></b>	17	Downflow 28 Upflow 30 Filter 33	17	Standard 7 High Flow 16 Filter 31
<b>Softener Tank Size</b>	6 - 16"	8 - 21"	6 - 16"	8 - 24"
<b>Filter Tank Size <i>Based on 10 gpm/ft<sup>2</sup></i></b>	8 - 16"	8 - 21"	8 - 16"	8 - 24"
<b>Timer Type</b>	LXT SXT XTR2	SXT XTR2	Electromechanical SXT XT	SXT XTR NXT
<b>Adjustable Cycles</b>	•	•	•	•
<b>Bypass</b>	•	•	•	•
<b>Upflow Regeneration</b>	•	•		
<b>No Bypass Piston</b>			•	
<b>Auxiliary Switch</b>		•	•	•
<b>Manual Lever</b>			•	
<b>Hot Water</b>				
<b>Duplex</b>				NXT only
<b>Multiplex</b>				NXT only



# PENTAIR FLECK TIMERS



	Electromechanical	LXT	SXT
<b>Display Type</b>	Time or volume based program wheels	Large LCD display with blue backlit	Large LCD display with blue backlit
<b>Adjustable Cycles</b>	•		•
<b>Super Capacitor <i>Time of Day</i></b>		•	•
<b>Programmable Auxiliary Relay</b>			
<b>Programmable Remote Start</b>			
<b>Remote Lockout</b>			
<b>Password Lockout</b>			•
<b>LED Status Indicator</b>			
<b>Diagnostics</b>		•	•
<b>Usage History</b>		•	•
<b>Auxiliary Switch</b>	•		



	XTR	XTR2	XT	NXT
<b>Display Type</b>	2 Line, 16 characters full text LCD backlit	Large color LCD touch screen	2 Line, 16 characters full text LCD backlit	2 Line, 16 characters full text LCD backlit
<b>Adjustable Cycles</b>	•	•	•	•
<b>Super Capacitor <i>Time of Day</i></b>	•	•	•	•
<b>Programmable Auxiliary Relay</b>	•	2 Relays	•	•
<b>Programmable Remote Start</b>		•	•	•
<b>Remote Lockout</b>		•		•
<b>Password Lockout</b>		•		
<b>LED Status Indicator</b>	•		•	•
<b>Diagnostics</b>	•	•	•	•
<b>Usage History</b>		•		



## OUR COMPANY

Fleck valves by Pentair cover a wide range of applications: softening or filtration, residential or commercial, hot or cold water.

Over the past decades, Pentair Fleck has demonstrated a proven record of performance and reliability year after year.

## QUALITY

Fleck Controls, Inc. was founded in the U.S. in 1950. It started to produce brine valves in 1958 and the first water softener valve in 1963. In 1995 Fleck was acquired by Pentair, the world leader in high technology flow control. Today, the Fleck model line is still the quality choice for water treatment professionals due to its:

- Continuous **technological innovation** and process improvements
- Significant investment in **state-of-the-art manufacturing**
- **Rigorous water testing** laboratories that mirror those of the Water Quality Association (WQA) and NSF International

## SUPPORT

With Pentair products, you are never far from qualified professional support. Our global network of partners include:

- The **proud distributors and dealers** who sell our products
- Our **customer care** teams dedicated solely to customer satisfaction
- Our best-in-class **technical support** staff to help answer any questions you may have





**WATER QUALITY SYSTEMS**

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