



FLECK PRODUCT OVERVIEW

PENTAIR FLECK COMMERCIAL VALVES



	9100	9000	9500	5812
Valve Material	Fiber-Reinforced Polymer	Lead-Free Brass	Lead-Free Brass	Fiber-Reinforced Polymer
Inlet/Outlet	3/4", 1", or 1-1/4"	3/4", 1", or 1-1/4"	1-1/2"	3/4", 1", or 1-1/4"
Service Flow Rate (gpm) 15 psi drop	20.1	21	38	Downflow 43 Upflow 39 Filter 37
Backwash Flow Rate (gpm) 25 psi drop	8.5	8.5	16	Downflow 33 Upflow 36 Filter 45
Softener Tank Size	6 - 16"	6 - 16"	10 - 24"	8 - 24"
Filter Tank Size Based on 10 gpm/ft²				8 - 24"
Timer Type	Electromechanical SXT XT Logix - Twin Sensor	Electromechanical SXT XT	Electromechanical SXT XT	SXT XTR2
Adjustable Cycles	●	●	●	●
Bypass	●	●		●
Upflow Regeneration	Logix - TS Only			●
No Bypass Piston				●
Auxiliary Switch	●	●	●	●
Manual Lever				
Hot Water		●	●	
Duplex	Twin	Twin	Twin	
Multiplex				



	2750	2850	2850s	2900s	3150	3900
Valve Material	Lead-Free Brass	Lead-Free Brass	Lead-Free Brass	Lead-Free Brass	Lead-Free Brass	Lead-Free Brass
Inlet/Outlet	1"	1-1/2"	1-1/2"	2"	2"	3"
Service Flow Rate (gpm) 15 psi drop	26	46	70	106	95	250
Backwash Flow Rate (gpm) 25 psi drop	25	47	70	36	100	100
Softener Tank Size	10 - 30"	14 - 36"	14 - 36"	14 - 36"	14 - 63"	24 - 63"
Filter Tank Size Based on 10 gpm/ft²	10 - 21"	14 - 30"	14 - 30"	14 - 24"	14 - 42"	24 - 42"
Timer Type	Electromechanical SXT XT NXT	Electromechanical SXT XT NXT	Electromechanical SXT XT NXT	Electromechanical XT NXT	Electromechanical XT NXT	Electromechanical XT NXT
Adjustable Cycles	●	●	●	●	●	●
Bypass						
Upflow Regeneration				●	●	●
No Bypass Piston	●	●	●	●	●	●
Auxiliary Switch	●	●	●	●	●	●
Manual Lever	●	●				
Hot Water	●	●		●	●	
Duplex	Electromechanical NXT	Electromechanical NXT	Electromechanical NXT	Electromechanical NXT	Electromechanical NXT	Electromechanical NXT
Multiplex	NXT only	NXT only	NXT only	NXT only	NXT only	NXT only



PENTAIR FLECK RESIDENTIAL VALVES



	5600	4650	5600 SXT	5000
Valve Material	Fiber-Reinforced Polymer	Lead-Free Brass	Fiber-Reinforced Polymer	Fiber-Reinforced Polymer
Inlet/Outlet	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"
Service Flow Rate (gpm) <i>15 psi drop</i>	20	20	20	21
Backwash Flow Rate (gpm) <i>25 psi drop</i>	7	7	7	17
Softener Tank Size	6 - 12"	6 - 12"	6 - 12"	6 - 16"
Filter Tank Size <i>Based on 10 gpm/ft²</i>	8 - 10"	6 - 10"	6 - 10"	6 - 16"
Timer Type	Electromechanical	Electromechanical	SXT	SXT
Adjustable Cycles	Brine fill only	Brine fill only	•	•
Bypass	•	•	•	•
Upflow Regeneration	•		•	•
No Bypass Piston				
Auxiliary Switch	•	•	•	•
Manual Lever				
Hot Water		•		
Duplex				
Multiplex				



	5800	5810	2510	7000
Valve Material	Fiber-Reinforced Polymer	Fiber-Reinforced Polymer	Fiber-Reinforced Polymer	Fiber-Reinforced Polymer
Inlet/Outlet	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"
Service Flow Rate (gpm) <i>15 psi drop</i>	21	Downflow 36 Upflow 39 Filter 31	19	Standard 28 High Flow 36 Filter 37
Backwash Flow Rate (gpm) <i>25 psi drop</i>	17	Downflow 28 Upflow 30 Filter 33	17	Standard 7 High Flow 16 Filter 31
Softener Tank Size	6 - 16"	8 - 21"	6 - 16"	8 - 24"
Filter Tank Size <i>Based on 10 gpm/ft²</i>	8 - 16"	8 - 21"	8 - 16"	8 - 24"
Timer Type	LXT SXT XTR2	SXT XTR2	Electromechanical SXT XT	SXT XTR NXT
Adjustable Cycles	•	•	•	•
Bypass	•	•	•	•
Upflow Regeneration	•	•		
No Bypass Piston			•	
Auxiliary Switch		•	•	•
Manual Lever			•	
Hot Water				
Duplex				NXT only
Multiplex				NXT only



PENTAIR FLECK TIMERS



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



	XTR	XTR2	XT	NXT
	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
	•	•	•	•
	•	•	•	•
	•	2 Relays	•	•
		•	•	•
		•		
	•		•	•
	•	•	•	•
		•		



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

5730 NORTH GLEN PARK ROAD, MILWAUKEE, WI 53209

P: 262.238.4400 | F: 262.238.4404

WATERPURIFICATION.PENTAIR.COM

CUSTOMER CARE: 800.279.9404 | tech-support@pentair.com

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