



Utility Spring Check Valves

PVC Clear Spring Check (Spring Assisted Swing Check)

(continued)

Size	Socket	Thread	SR Thread	Std Pk	Mstr Pk	Prod Code
2-1/2	S1580C25 101.07	S1580C25F 101.07	S1580C25FSR 132.25	5	0	026
3	S1580C30 105.25	S1580C30F 105.25	S1580C30FSR 209.42	4	0	026
4	S1580C40 149.54	S1580C40F 149.54	S1580C40FSR 205.28	2	0	026

True Union Utility Spring Check Valves

Pressure Rating @ 73°F (23°C), Water
 Full Flow (open) 150 psi
 Back Pressure (closed) 75 psi

Maximum Service Temperature
 140°F (60°C)

Temperature/Pressure De-ratings Apply

EPDM Seat

Stainless Steel Spring Assisted
 (non-adjustable)



General Installation Information: Spring check valves are designed for horizontal installations, but may be installed in an up-flow only vertical position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft./sec. Minimum opening pressure less than 0.5 psi.

PVC White True Union Spring Check (Spring Assisted Swing Check)

Size	Socket	Thread	SR Thread	Std Pk	Mstr Pk	Prod Code
1/2	S1780-05 53.62	S1780-05F 53.62	S1780-05FSR 57.01	20	0	026
3/4	S1780-07 60.82	S1780-07F 60.82	S1780-07FSR 65.72	30	0	026
1	S1780-10 63.39	S1780-10F 63.39	S1780-10FSR 70.13	18	0	026
1-1/4	S1780-12 66.03	S1780-12F 66.03	S1780-12FSR 76.82	12	0	026
1-1/2	S1780-15 70.34	S1780-15F 70.34	S1780-15FSR 88.93	10	0	026
2	S1780-20 73.23	S1780-20F 73.23	S1780-20FSR 93.34	10	0	026
2-1/2	S1780-25 130.71	S1780-25F 130.71	S1780-25FSR 161.85	2	0	026
3	S1780-30 136.36	S1780-30F 136.36	S1780-30FSR 190.16	2	0	026
4	S1780-40 193.47	S1780-40F 193.47	S1780-40FSR 249.28	1	0	026

Pressure Rating @ 73°F (23°C), Water
 Full Flow (open) = 150 psi
 Back Pressure (closed) = 100 psi
 Maximum Service Temperature
 PVC = 140°F (60°C)
 CPVC = 200°F (93°C)
 Temperature/Pressure De-ratings Apply
 Santoprene™ TPE Seat



PVC Clear True Union Spring Check (Spring Assisted Swing Check)

Size	Socket	Thread	SR Thread	Std Pk	Mstr Pk	Prod Code
1/2	S1780C05 55.32	S1780C05F 55.32	S1780C05FSR 58.72	20	0	026
3/4	S1780C07 62.73	S1780C07F 62.73	S1780C07FSR 67.61	30	0	026
1	S1780C10 65.34	S1780C10F 65.34	S1780C10FSR 72.15	18	0	026
1-1/4	S1780C12 68.03	S1780C12F 68.03	S1780C12FSR 78.83	12	0	026
1-1/2	S1780C15 72.15	S1780C15F 72.15	S1780C15FSR 91.12	10	0	026
2	S1780C20 74.24	S1780C20F 74.24	S1780C20FSR 95.56	10	0	026
2-1/2	S1780C25 134.76	S1780C25F 134.76	S1780C25FSR 165.98	2	0	026
3	S1780C30 140.56	S1780C30F 140.56	S1780C30FSR 194.36	2	0	026
4	S1780C40 199.48	S1780C40F 199.48	S1780C40FSR 255.28	1	0	026

Diaphragm Check Valves

PVC Diaphragm Check Valves - Socket

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
6562-007	3/4	15	0	004	109.39

PVC Diaphragm Check Valves - Thread

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
6561-007	3/4	15	0	004	109.39

CPVC Diaphragm Check Valves - Socket

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
6562-007C	3/4	15	0	004	143.64

Diaphragm Check Valves & PVC In-line Adjustable Spring Check Valves



Diaphragm Check Valves

CPVC Diaphragm Check Valves - Thread

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
6561-007C	3/4	15	0	004	143.64

General Installation Information: Diaphragm Check Valves have "normally closed" operation with 1 - 1-1/2 psi opening pressure and can be mounted in any position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Flow velocity should not exceed 5 ft./sec.

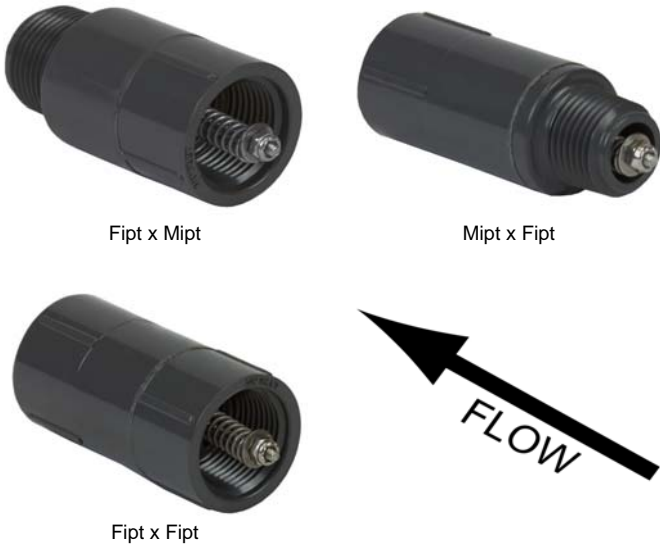
Male Inlet x Female Outlet Option

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
Mipt x Fipt (Inlet x Outlet)					
S1101-05	1/2	30	180	026	13.45

Female Inlet x Female Outlet Option

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
Fipt x Fipt (Inlet x Outlet)					
S1100-07	3/4	25	150	026	14.20

PVC In-line Adjustable Spring Check Valves



Pressure Rating @ 73°F (23°C), Water
200 psi

Maximum Service Temperature
PVC = 140°F (60°C)

Temperature/Pressure De-ratings Apply

2 - 14 lbs. Adjustable Spring Tension
(5 to 32 feet of head)

Factory Preset to Approx. 5 psi
(12 feet of head)

Each full turn of adjustment nut = 1 psi
(2.3 feet of head)

Stainless Steel Adjustment Hardware
EPDM Seat

Standard Unit - Female Inlet x Male Outlet

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
Fipt x Mipt (Inlet x Outlet)					
S1102-05	1/2	30	180	026	13.45
S1102-07	3/4	25	150	026	13.75
S1102-10	1	25	150	026	22.82
S1102-05-07	1/2X3/4	25	150	026	19.62