



Valves Product

Utility Spring Check Valves & True Union Utility Spring Check Valves & Diaphragm Check Valves

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 96.02	S1580C25F 96.02	S1580C25FSR 125.64	5	0	026
3	S1580C30 99.99	S1580C30F 99.99	S1580C30FSR 198.95	4	0	026
4	S1580C40 142.06	S1580C40F 142.06	S1580C40FSR 195.02	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 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 50.94	S1780-05F 50.94	S1780-05FSR 54.16	20	0	026
3/4	S1780-07 57.78	S1780-07F 57.78	S1780-07FSR 62.43	30	0	026
1	S1780-10 60.22	S1780-10F 60.22	S1780-10FSR 66.62	18	0	026
1-1/4	S1780-12 62.73	S1780-12F 62.73	S1780-12FSR 72.98	12	0	026
1-1/2	S1780-15 66.82	S1780-15F 66.82	S1780-15FSR 84.48	10	0	026
2	S1780-20 69.57	S1780-20F 69.57	S1780-20FSR 88.67	10	0	026
2-1/2	S1780-25 124.17	S1780-25F 124.17	S1780-25FSR 153.76	2	0	026
3	S1780-30 129.54	S1780-30F 129.54	S1780-30FSR 180.65	2	0	026
4	S1780-40 183.80	S1780-40F 183.80	S1780-40FSR 236.82	1	0	026

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

Size	Socket	Thread	SR Thread	Std Pk	Mstr Pk	Prod Code
1/2	S1780C05 52.55	S1780C05F 52.55	S1780C05FSR 55.78	20	0	026
3/4	S1780C07 59.59	S1780C07F 59.59	S1780C07FSR 64.23	30	0	026
1	S1780C10 62.07	S1780C10F 62.07	S1780C10FSR 68.54	18	0	026
1-1/4	S1780C12 64.63	S1780C12F 64.63	S1780C12FSR 74.89	12	0	026
1-1/2	S1780C15 68.54	S1780C15F 68.54	S1780C15FSR 86.56	10	0	026
2	S1780C20 70.53	S1780C20F 70.53	S1780C20FSR 90.78	10	0	026
2-1/2	S1780C25 128.02	S1780C25F 128.02	S1780C25FSR 157.68	2	0	026
3	S1780C30 133.53	S1780C30F 133.53	S1780C30FSR 184.64	2	0	026
4	S1780C40 189.51	S1780C40F 189.51	S1780C40FSR 242.52	1	0	026

Diaphragm Check Valves



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 Diaphragm Check Valves - Socket

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
6562-007	3/4	15	0	004	103.92

PVC Diaphragm Check Valves - Thread

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
6561-007	3/4	15	0	004	103.92

CPVC Diaphragm Check Valves - Socket

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
6562-007C	3/4	15	0	004	136.46

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	136.46

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	12.78
----------	-----	----	-----	-----	-------

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	13.49
----------	-----	----	-----	-----	-------

PVC In-line Adjustable Spring Check Valves



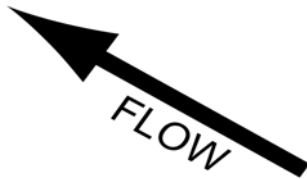
Fipt x Mipt



Mipt x Fipt



Fipt x Fipt



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	12.78
S1102-07	3/4	25	150	026	13.06
S1102-10	1	25	150	026	21.68
S1102-05-07	1/2X3/4	25	150	026	18.64