



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 91.22	S1580C25F 91.22	S1580C25FSR 119.36	5	0	026
3	S1580C30 94.99	S1580C30F 94.99	S1580C30FSR 189.00	4	0	026
4	S1580C40 134.96	S1580C40F 134.96	S1580C40FSR 185.27	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 48.39	S1780-05F 48.39	S1780-05FSR 51.45	20	0	026
3/4	S1780-07 54.89	S1780-07F 54.89	S1780-07FSR 59.31	30	0	026
1	S1780-10 57.21	S1780-10F 57.21	S1780-10FSR 63.29	18	0	026
1-1/4	S1780-12 59.59	S1780-12F 59.59	S1780-12FSR 69.33	12	0	026
1-1/2	S1780-15 63.48	S1780-15F 63.48	S1780-15FSR 80.26	10	0	026
2	S1780-20 66.09	S1780-20F 66.09	S1780-20FSR 84.24	10	0	026
2-1/2	S1780-25 117.96	S1780-25F 117.96	S1780-25FSR 146.07	2	0	026
3	S1780-30 123.06	S1780-30F 123.06	S1780-30FSR 171.62	2	0	026
4	S1780-40 174.61	S1780-40F 174.61	S1780-40FSR 224.98	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 49.92	S1780C05F 49.92	S1780C05FSR 52.99	20	0	026
3/4	S1780C07 56.61	S1780C07F 56.61	S1780C07FSR 61.02	30	0	026
1	S1780C10 58.97	S1780C10F 58.97	S1780C10FSR 65.11	18	0	026
1-1/4	S1780C12 61.40	S1780C12F 61.40	S1780C12FSR 71.15	12	0	026
1-1/2	S1780C15 65.11	S1780C15F 65.11	S1780C15FSR 82.23	10	0	026
2	S1780C20 67.00	S1780C20F 67.00	S1780C20FSR 86.24	10	0	026
2-1/2	S1780C25 121.62	S1780C25F 121.62	S1780C25FSR 149.80	2	0	026
3	S1780C30 126.85	S1780C30F 126.85	S1780C30FSR 175.41	2	0	026
4	S1780C40 180.03	S1780C40F 180.03	S1780C40FSR 230.39	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	98.72

PVC Diaphragm Check Valves - Thread

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
6561-007	3/4	15	0	004	98.72

CPVC Diaphragm Check Valves - Socket

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
6562-007C	3/4	15	0	004	129.64

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	129.64

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
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Mipt x Fipt (Inlet x Outlet)

S1101-05	1/2	30	180	026	12.14
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Female Inlet x Female Outlet Option

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Fipt x Fipt (Inlet x Outlet)

S1100-07	3/4	25	150	026	12.82
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PVC In-line Adjustable Spring Check Valves



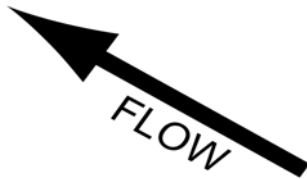
Fipt x Mipt



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
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Fipt x Mipt (Inlet x Outlet)

S1102-05	1/2	30	180	026	12.14
S1102-07	3/4	25	150	026	12.41
S1102-10	1	25	150	026	20.60
S1102-05-07	1/2X3/4	25	150	026	17.71