

**True Union Utility Spring Check Valves**



PVC White

Size	Socket	Thread	SR Thread	Std Pk	Mstr Pk	Disc Code
1/2	S1780-05 41.49	S1780-05F 41.49	S1780-05FSR 44.12	20	0	026
3/4	S1780-07 47.06	S1780-07F 47.06	S1780-07FSR 50.84	30	0	026
1	S1780-10 49.05	S1780-10F 49.05	S1780-10FSR 54.26	18	0	026
1-1/4	S1780-12 51.09	S1780-12F 51.09	S1780-12FSR 59.44	12	0	026
1-1/2	S1780-15 54.43	S1780-15F 54.43	S1780-15FSR 68.82	10	0	026
2	S1780-20 56.67	S1780-20F 56.67	S1780-20FSR 72.23	10	0	026
2-1/2	S1780-25 101.14	S1780-25F 101.14	S1780-25FSR 125.24	2	0	026
3	S1780-30 105.51	S1780-30F 105.51	S1780-30FSR 147.15	2	0	026
4	S1780-40 149.71	S1780-40F 149.71	S1780-40FSR 192.89	1	0	026

- | Standard Spring Loaded Swing Assembly Maintains a Positive Seal
- | Engineered for Maximum Flow, Quick Response & Positive Shutoff
- | Excellent for Pool & Spa, OEM and General Purpose Applications
- | Compact, Space-Saving Design
- | Replaceable PVC White or Clear Sealed Cartridge Unit
- | High Grade EPDM Seat
- | Suitable for Horizontal or Vertical Up-flow Installations
- | Socket, Threaded or SR Threaded End Connections
- | Pressure Rated to 150 psi @ 73°F Full Flow (open), 75 psi Back Pressure (closed)
- | Maximum Service Temperature 140°F (temperature/pressure de-ratings apply)

PVC Clear

Size	Socket	Thread	SR Thread	Std Pk	Mstr Pk	Disc Code
1/2	S1780C05 42.80	S1780C05F 42.80	S1780C05FSR 45.43	20	0	026
3/4	S1780C07 48.54	S1780C07F 48.54	S1780C07FSR 52.32	30	0	026
1	S1780C10 50.56	S1780C10F 50.56	S1780C10FSR 55.82	18	0	026
1-1/4	S1780C12 52.64	S1780C12F 52.64	S1780C12FSR 61.00	12	0	026
1-1/2	S1780C15 55.82	S1780C15F 55.82	S1780C15FSR 70.50	10	0	026
2	S1780C20 57.45	S1780C20F 57.45	S1780C20FSR 73.94	10	0	026
2-1/2	S1780C25 104.27	S1780C25F 104.27	S1780C25FSR 128.43	2	0	026
3	S1780C30 108.76	S1780C30F 108.76	S1780C30FSR 150.39	2	0	026
4	S1780C40 154.36	S1780C40F 154.36	S1780C40FSR 197.53	1	0	026

General Installation Information: Spring check valves are designed for horizontal installations, but may be installed in 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 = 0.5 psi.

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

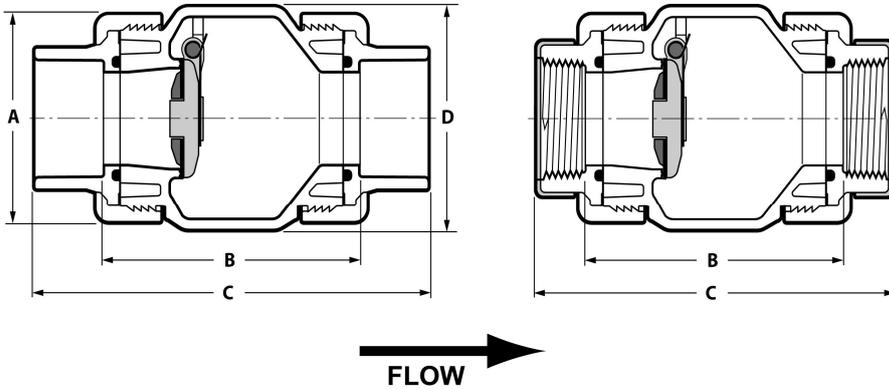
Maximum Service Temperature  
 140°F (60°C)

Temperature/Pressure De-ratings Apply



**True Union Utility Spring Check Valves**

Technical Information



Dimensions

Nominal Size	A	Dimension Reference (inches, ± 1/16)				D
		B		C		
		Socket	Threaded/SR Threaded	Socket	Threaded/SR Threaded	
1/2	1-7/8	3-7/16	3-1/2	5-3/16	4-13/16	2-5/8
3/4	2-1/4	3-9/16	3-9/16	5-1/2	4-15/16	2-5/8
1	2-9/16	4-1/8	4-5/16	6-7/16	6	2-5/8
1-1/4	3-1/8	4-7/8	5-1/16	7-7/16	6-13/16	3-3/8
1-1/2	3-9/16	4-9/16	4-3/4	7-3/8	6-1/2	3-3/8
2	4-5/16	5-5/8	5-3/4	8-5/8	7-9/16	4-1/4
2-1/2	6-3/16	7-7/16	7-9/16	10-15/16	10-3/16	5-11/16
3	6-13/16	7-7/16	7-1/2	11-3/16	10-1/4	5-11/16
4	7-3/4	9-3/4	9-7/8	14-5/16	12-3/4	7-1/4

NOT FOR USE WITH COMPRESSED AIR OR GAS