

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

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

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

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

NOT FOR USE WITH COMPRESSED AIR OR GAS

Made in the U.S.A.

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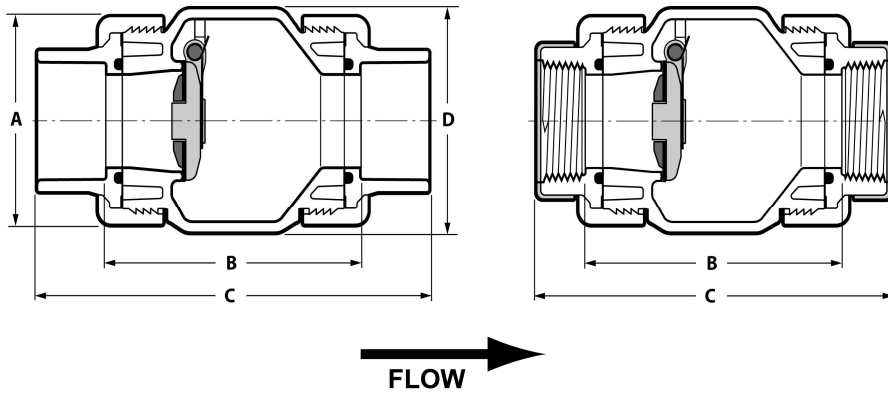
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True Union Utility Spring Check Valves

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

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