

Utility Swing Check Valves



- 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 PVC White or Clear Sealed Unit
- 1 All Plastic Construction – No Metal Parts
- 1 Angled Seat and Weighted Flapper for Low-Pressure Seal
- 1 High Grade EPDM Seat
- 1 Suitable for Horizontal or Vertical Up-flow Installations
- 1 Socket, Threaded, or SR Threaded End Connections

General Installation Information: Swing 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 less than 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 White

Size	Socket	Thread	SR Threaded	Std Pk	Mstr Pk	Disc Code
1/2	S1520-05 15.85	S1520-05F 15.85	S1520-05FSR 18.49	35	0	026
3/4	S1520-07 16.36	S1520-07F 16.36	S1520-07FSR 20.12	35	0	026
1	S1520-10 17.04	S1520-10F 17.04	S1520-10FSR 22.28	20	0	026
1-1/4	S1520-12 17.70	S1520-12F 17.70	S1520-12FSR 26.11	12	0	026
1-1/2	S1520-15 18.76	S1520-15F 18.76	S1520-15FSR 33.12	12	0	026
2	S1520-20 29.12	S1520-20F 29.12	S1520-20FSR 44.70	15	0	026
2-1/2	S1520-25 48.44	S1520-25F 48.44	S1520-25FSR 64.02	5	0	026
3	S1520-30 53.83	S1520-30F 53.83	S1520-30FSR 95.47	4	0	026
4	S1520-40 76.21	S1520-40F 76.21	S1520-40FSR 119.36	2	0	026
6	S1520-60 160.13	S1520-60F 160.13	S1520-60FSR 211.21	1	0	026
8	S1520-80 297.47	---	---	1	0	026

PVC Clear

Size	Socket	Thread	SR Threaded	Std Pk	Mstr Pk	Disc Code
1/2	S1520C05 21.55	S1520C05F 21.55	S1520C05FSR 24.18	35	0	026
3/4	S1520C07 21.97	S1520C07F 21.97	S1520C07FSR 25.76	35	0	026
1	S1520C10 22.39	S1520C10F 22.39	S1520C10FSR 27.64	20	0	026
1-1/4	S1520C12 23.51	S1520C12F 23.51	S1520C12FSR 31.89	12	0	026
1-1/2	S1520C15 25.55	S1520C15F 25.55	S1520C15FSR 39.93	12	0	026
2	S1520C20 36.78	S1520C20F 36.78	S1520C20FSR 52.36	15	0	026
2-1/2	S1520C25 61.31	S1520C25F 61.31	S1520C25FSR 85.47	5	0	026
3	S1520C30 68.13	S1520C30F 68.13	S1520C30FSR 109.76	4	0	026
4	S1520C40 91.71	S1520C40F 91.71	S1520C40FSR 134.83	2	0	026
6	S1520C60 189.55	S1520C60F 189.55	S1520C60FSR 240.64	1	0	026
8	S1520C80 316.63	---	---	1	0	026

NOT FOR USE WITH COMPRESSED AIR OR GAS

Thursday, January 13, 2011 7:36:55 AM

Made in the U.S.A.

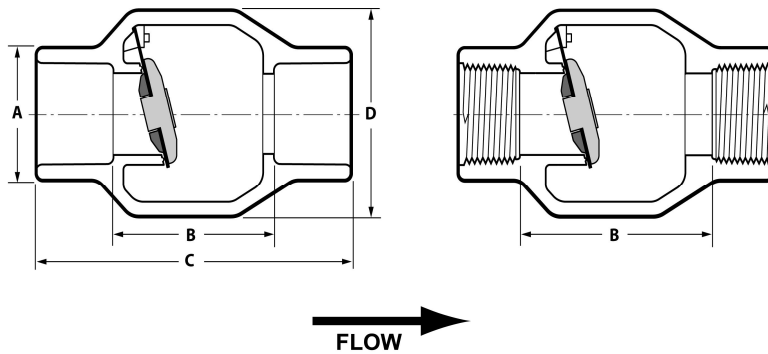
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Technical Information



Dimensions

Nominal Size	Dimension Reference (inches, $\pm 1/16$)				
	A	B		C	D
		Socket	Threaded/SR Threaded		
1/2	1-3/8	2-19/32	2-5/8	4-3/32	2-1/8
3/4	1-3/8	2-5/32	2-1/16	4-1/16	2-1/8
1	1-11/16	2-5/16	2-15/16	4-9/16	2-5/8
1-1/4	2-1/16	2-15/16	3-5/8	5-1/2	3-3/8
1-1/2	2-7/16	3	3-11/16	5-5/8	3-3/8
2	3	3-5/8	4-3/8	6-3/8	4-1/4
2-1/2	3-9/16	4-3/8	5-1/4	7-7/8	5-1/8
3	4-5/16	4-11/16	5-5/8	8-7/16	5-3/4
4	5-1/4	6	7-1/16	10-1/16	6-3/8
6	7-11/16	8-1/2	11-5/16	14-9/16	9-1/4
8	9-7/16	11-3/16	N/A	19-1/4	11-15/16