

# 28-PFV SERIES PVC FLOAT VALVES

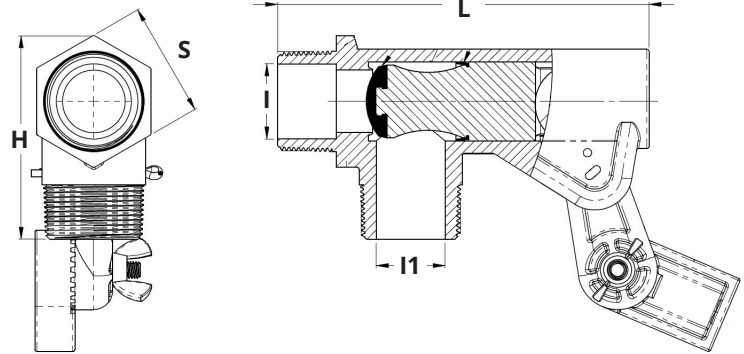


## SPECIFICATION:

- Threads conform to ANSI/ASME B1.20.1
- Max Pressure Rating: 100 PSI
- Working Temperature Rating: 140°F (60°C)
- Heavy duty injection molded body
- 304 Stainless Steel hardware
- Easy adjustable angle for liquid level control, dual fulcrum pin holes allow for two positions to set the lever



MATERIAL LIST	
Name	Material
Body	PVC
Seat	NBR Rubber
Slide	PVC
Gasket	NBR Rubber
Pivot Joint	PVC
Pivot Arm	PVC
Fulcrum Pin	304 Stainless Steel
Nut	304 Stainless Steel
Screw	304 Stainless Steel



DIMENSIONS														
Part No.	Description		Rod Connection	I		I1		H		L		S		Weight
	Inlet	Outlet	Tapped	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	grams
28-PFV-05	1/2" MPT	1/2" MPT	1/4" - SAE	0.51	13.00	0.51	13.00	2.19	55.50	3.14	79.80	1.38	35.00	110
28-PFV-07	3/4" MPT	3/4" MPT	1/4" - SAE	0.75	19.00	0.71	18.00	2.19	55.50	3.54	90.00	1.38	35.00	160
28-PFV-10	1" MPT	1" MPT	1/4" - SAE	0.87	22.00	0.87	22.00	2.86	72.70	4.84	123.00	1.77	45.00	190
28-PFV-12	1-1/4" MPT	1-1/4" MPT	3/8" - SAE	1.22	31.00	1.30	33.00	3.57	90.60	6.91	175.60	2.17	55.00	580
28-PFV-15	1-1/2" MPT	1-1/2" MPT	3/8" - SAE	1.42	36.00	1.30	33.00	3.58	91.00	6.93	176.00	2.17	55.00	600

## TEMPERATURE CORRECTION FACTOR FOR PVC VALVES

As temperature increases, working pressure decreases. The optimal working pressure for PVC valves is 150 PSI @ 73°F (22°C). If the temperature increases above 73°F (22°C), use the PVC correction factor to determine working pressure. Multiply the maximum working pressure by the correction factor.

Temperature	73°F (22°C)	90°F (32°C)	100°F (38°C)	110°F (38°C)	120°F (49°C)	130°F (54°C)	140°F (60°C)
PVC Correction Factor	1.00	1.00	1.00	0.83	0.66	0.50	0.33



25 Whaley Avenue, PO Box 310, Milverton, ON CANADA N0K 1M0  
Tel: 800-561-3164

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