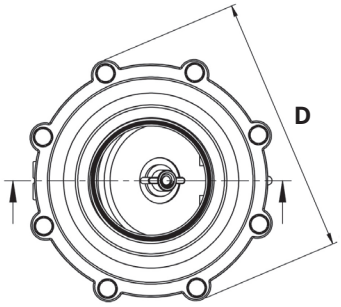
17PFVF SERIES
PLASTIC FLAPPER DESIGN FOOT VALVE (THREADED)

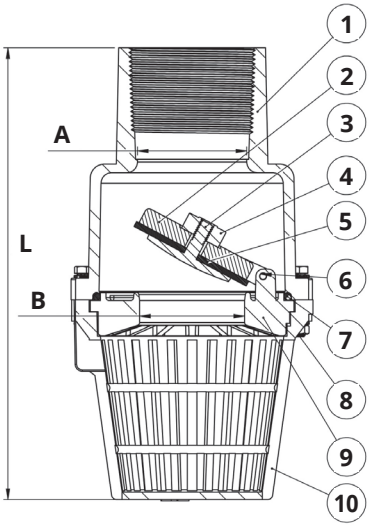
NO LEAD
LEAD-FREE

SPECIFICATION:

- Threads conform to ANSI/ASME B1.20.1
- Max Temperature Rating: 140°F (60°C)
- 3" & 4" Max Pressure Rating: 150 PSI @ 73°F (22°C)
  6" Max Pressure Rating: 100 PSI @ 73°F (22°C)
- Cracking pressure less than 0.5 PSI
- Minimum Back Flow Head Pressure: 5 PSI (3" and 4") , 7 PSI (6")
- Injection molded PVC body and screen
- 304 Stainless Steel hardware
- 100% full flow flapper design
- Rapid closing flapper to help eliminate back flow and water hammer
- Tapered screen for easy installation



MATERIAL LIST		
NO.	**Name**	**Material**
1	Body	PVC/CPVC/GRPP
2	Disc	ABS/GRPP
3	Gasket Holder	ABS/GRPP
4	NUT	ABS/GRPP
5	Gasket	NBR/EPDM/FPM
6	Rod	Stainless Steel
7	O-Ring	NBR/EPDM/FPM
8	Screw	Stainless Steel
9	Disc Stopper	ABS/GRPP
10	Filter	PVC/CPVC/GRPP



DIMENSIONS												
Part No.	**Connection**	**ENTERS STANDARD**	**Cv**	**D**		**L**		**A**		**B**		**Weight**
		SCH 40 PIPE		**inches**	**mm**	**inches**	**mm**	**inches**	**mm**	**inches**	**mm**	**grams**
17PFVF-300	3" FPT	8"	405	7.13	181	12.36	314	3.07	78	2.91	74	1750
17PFVF-400	4" FPT	10"	614	8.23	209	14.13	359	4.09	104	3.86	98	2670
17PFVF-600	6" FPT	12"	1183	11.54	293	19.92	506	5.91	150	5.71	145	6750

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

BOSHART INDUSTRIES

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

boshart.com ♦ blog.boshart.com