

SERIES MV

200 HP @ 1750 & 3500 RPM

Installation, Operation & Maintenance Manual

Air valve release



IMPORTANT! - READ ALL INSTRUCTIONS IN THIS MANUAL
BEFORE OPERATING OR SERVICING A PUMP.

FEATURES

- Rugged Semi-Steel Body and Cover
- Stainless Steel Float and Trim
- Special Float for Strength
- Special Design Eliminates Blow-By
- Tapped to take safety drain line
- Two sizes equip all riser systems

The FloFab automatic air vent features a stainless steel spherical float design. Air in piping system is vented through discharge valve which is normally open. Rising water activates float to close valve. Valve outlet is tapped to take safety drain line. Simplicity of design in the FloFab automatic air vent assures long-lasting efficiency. Stainless steel float and valve mechanism involve no wearing parts, no intricate function. Precision formed body of semi steel custom-fits float and valve... protectively houses their operation under the most rugged conditions. See specifications at bottom.

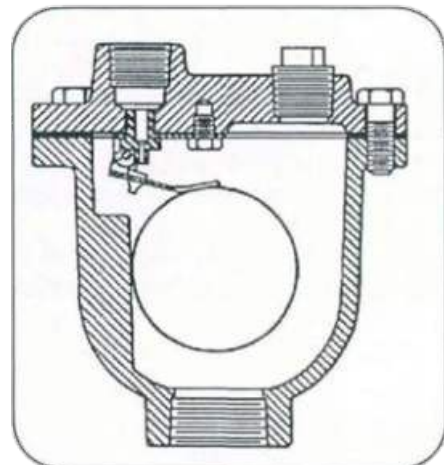
Figure 1 Automatic Air Vent



Table 1 Specification

MODEL	INLET SIZE	OUTLET SIZE	MAX PRESSURE	MAX TEMP	VALVE ORIFICE	OVERALL HT	OVERALL WIDTH	OVERALL LENGTH
MV15	1/2"	3/8"	150 PSI (1034 KPA)	345 DEG F (184 DEG C)	1/16"	5 1/4"	4 1/4"	4 3/4"
MV15	3/4"	3/8"						
MV30	1/2"	1/2"	300 PSI (2068 KPA)	425 DEG F (226 DEG C)	1/16"	6"	5 1/8"	5 1/8"
MV30	3/4"	1/2"						

*Dimensions are subject to change without notice.



→ INSTRUCTION SHEET

- The FloFab air release valve is fully automatic and requires no regular maintenance.
- The purpose of the FloFab air release valve is to release air which accumulates in the pipeline during operation of the system.

→ INSTALLATION

FloFab air release valves should be installed at high points on the piping system and in conjunction with the air separators. Adequate venting and drainage should be provided. A full ported shut off valve should be installed below each in case servicing is necessary.

→ OPERATION

As the piping systems is being filled, air is vented through a small opening in the valve. When fluid enters the valve, the float raises and shuts off the opening, thereby preventing any leakage. Later, as air enters the valve, the float will drop, allowing the venting to open once again. The cycle continues as necessary throughout the course of the pumping cycle.

→ MAINTENANCE

No regular maintenance is necessary, however, periodic inspection for leakage and malfunction should be performed. If the valve is not functioning properly, the valve should be removed and inspected for wear or damage from foreign particles.

