

JHAV Series

Air Release Valves

Fully automatic valves designed to release air that accumulates during system operation

INSTALLATION INSTRUCTIONS

1. Air release valves should be installed in a vertical position at high points in the system.
2. A ball valve may be installed below each valve in the event servicing is required.
3. A drain line is recommended since the valve may discharge a small amount of fluid during venting.
4. To vent air quickly during initial start-up, remove the 1/2 inch pipe plug in the cap of the air vent.

OPERATING INSTRUCTIONS

1. The air release valve is a normally open valve.
2. As the system is being filled, air is vented through the small orifice.
3. When the fluid enters the valve, the float rises and shuts off the orifice, preventing any leakage.
4. As air accumulates and enters the valve, fluid is displaced, allowing the venting orifice to open.
5. This cycle is repeated as often as necessary during the pumping cycle.

MAINTENANCE INSTRUCTIONS

1. No regular maintenance is necessary.
2. Periodic inspection for leakage and proper function is recommended.
3. Close the inlet service valve and slowly remove the 1/2 inch pipe plug.
4. Slowly open the service valve.
5. If a volume of air larger than the volume of the air release valve body escapes, the valve may not be functioning properly.
6. Remove the valve and inspect the component parts for wear or possible damage from unwanted debris.
7. Replacement parts are available.

