

Air Vent Valve

Automatic Air Vent Valve Air Release Valve from Flomatic-Valves

When the gas enters the exhaust valve chamber and gathers at the upper part of the exhaust valve, with the increase of the gas in the valve, the pressure rises. When the gas pressure is greater than the system pressure, the water level in the air chamber will drop, and the buoy will drop with the water level. When the exhaust gas is exhausted, the water level will rise and the buoy will also rise. The same principle is used when the exhaust port is closed. Negative pressure is generated in the system, the water level in the valve chamber drops, and the exhaust port opens. Because the external atmospheric pressure is higher than the system pressure at this time, the atmosphere enters the system through the exhaust port to prevent the harm of negative pressure. If the cap on the exhaust valve body is tightened, the exhaust valve stops exhausting.

Model : AVV-SS150

Body material : SS304

Floating Ball : SS304

Sealing Material : NBR / EPDM

Valve body test pressure : 1.5MPa

Pressure of floating ball and seal test : 0.05-1.1MPa without leakage

Max working pressure PN16

| DN | G | L | H |
|----|----|----|-----|
| 15 | ½" | 75 | 110 |
| 20 | ¾" | 75 | 115 |
| 25 | 1" | 75 | 118 |

