

Automatic Air Vent Valve

FIG. 9701

Specifications

- Small orifice of 1/16 inch (1.6mm) to release air under pressure during normal pipeline operation.
- The float is connected to the vent via a linkage mechanism which is capable of operating the vent under full pipeline pressure.
- NPT or Metric thread of inlet.
- The maximum air discharge pressure is 2.5 bar.
- Maximum Working Pressure is 16 bar.

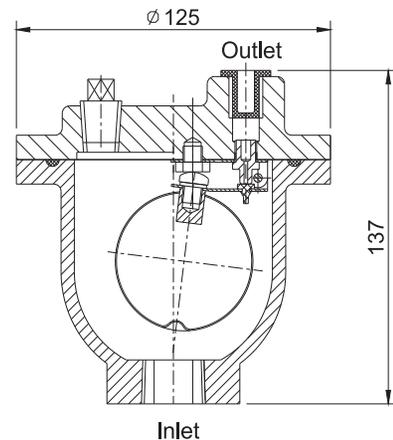
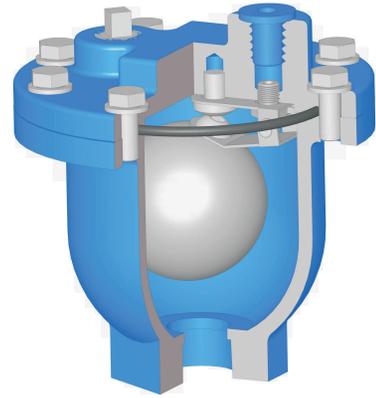
Corrosion Protection

- Fusion Bonded Coating or Liquid Epoxy Painted Interior and Exterior.

Main Dimensions(mm)

| Size | Inlet Size | Outlet Size |
|------|------------------|------------------|
| 1/2" | 1/2" BSPT or NPT | 1/2" BSPT or NPT |
| 3/4" | 3/4" BSPT or NPT | 1/2" BSPT or NPT |
| 1" | 1" BSPT or NPT | 1/2" BSPT or NPT |

Schematic



Material Specifications

| Part | Material | EN Specification | ASTM Specification |
|----------------|-----------------|----------------------|--------------------|
| Body | Gray Cast Iron | EN 1561 EN-GJL-250 | A126 Class B |
| Cover | Gray Cast Iron | EN 1561 EN-GJL-250 | A126 Class B |
| Lever Frame | Stainless Steel | EN 10088 X5CrNi18-10 | A276 Type 304 |
| Seat | Stainless Steel | EN 10088 X5CrNi18-10 | A276 Type 304 |
| Float Ball | Stainless Steel | EN 10088 X5CrNi18-10 | A276 Type 304 |
| Gasket | EPDM | EN 681 EPDM | D2000 EPDM |
| Cover Bolt | Carbon Steel | Grade 8.8 | A 307 Grade B |
| Float Arm | Stainless Steel | EN 10088 X5CrNi18-10 | A276 Type 304 |
| Orifice Button | Plastic | | |
| Pivot Pin | Stainless Steel | EN 10088 X5CrNi18-10 | A276 Type 304 |
| Pin Retainer | Stainless Steel | EN 10088 X5CrNi18-10 | A276 Type 304 |
| Plug | Brass | EN 12165 CuZn39Pb1 | B124 C37700 |
| Locator | Stainless Steel | EN 10088 X5CrNi18-10 | A276 Type 304 |

- Other material types are available upon request.

Notes

- Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.