

Automatic Air Vent Valve

FIG. LV9701

Specifications

- Small orifice of 1/16 in. (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
- WRAS approved

Working Pressure and Temperature

- 16 bar / 250 psi rated at -10°C to 120°C

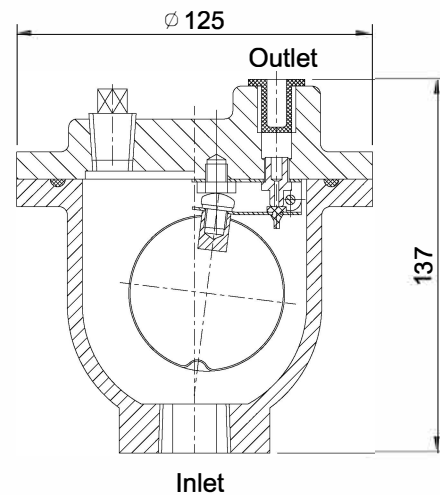
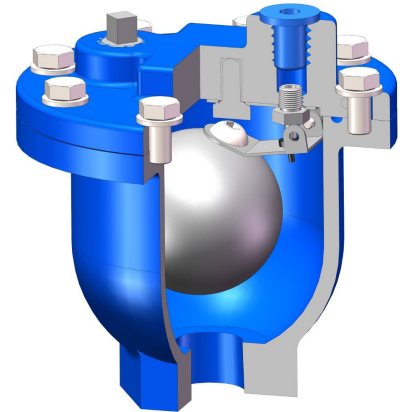
Corrosion Protection

- Fusion bonded coating or liquid epoxy painted interior and exterior

Material Specifications

Part	Material	EN Specification	ASTM Specification
Body	Cast Iron	EN 1561, EN-GJL-250	A126 Class B
Cover	Cast Iron	EN 1561, EN-GJL-250	A126 Class B
Lever Frame	Stainless Steel	EN10088-3, X5CrNi18-10	A276 Grade 304
Seat	Stainless Steel	EN10088-3, X5CrNi18-10	A276 Grade 304
Float Ball	Stainless Steel	EN 10213, GX5CrNi19-10	A351 Grade CF8
Gasket	EPDM	EN681, EPDM	D2000, EPDM
Cover Bolt	Carbon Steel	Carbon Steel, Gr. 4.8	A 307 Grade B
Float Arm	Stainless Steel	EN10088-3, X5CrNi18-10	A276 Grade 304
Orifice Button	Viton		
Pivot Pin	Stainless Steel	EN10088-3, X5CrNi18-10	A276 Grade 304
Pin Retainer	Stainless Steel	EN10088-3, X5CrNi18-10	A276 Grade 304
Plug	Malleable Iron	EN1562, EN-GJMB-350-10	A47 Grade 220 10
Locator	Stainless Steel	EN10088-3, X5CrNi18-10	A276 Grade 304

Schematic



Main Dimensions (mm)

Size	Inlet Size	Outlet Size	Orifice Size
1/2"	1/2" BSPT or NPT	1/2" BSPT or NPT	1/16"
3/4"	3/4" BSPT or NPT	1/2" BSPT or NPT	1/16"
1"	1" BSPT or NPT	1/2" BSPT or NPT	1/16"

Notes

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