

Automatic Air Valve

High-capacity, single-chamber air valve with triple function for venting and releasing air in pipelines as well as for releasing air during operation. Special tamper resistant strainer and bonnet design according to DIN standard. Corrosion-proof due to stainless steel inner parts (in size DN 50, inner parts made of plastic). Safe and reliable operation even at high air-release velocities of up to sonic speed. Suitable for use in water treatment, water distribution, in dams, power plants and in industry.

Product features and benefits

- Resilient seated
- With flange end acc. to EN 1092-2
- Single chamber air valve in compact design
- Tamper resistant due to special strainer and bonnet design
- High discharge capacity up to sonic velocity due to stabilised floater
- Triple function air valve
- Venting function:
 - Large orifice to admission of high quantities of air during draining the pipeline
 - Large orifice to release high quantities of air during filling the pipeline
 - Small orifice to release low quantities of air during operation under pressure
- Minimum operation pressure: 0.3 bar

Material

- Body: Ductile Cast Iron EN-GJS 400-15 (GGG-40)
- Lower bonnet: Ductile Cast Iron EN-GJS 400-15 (GGG-40)
- Upper bonnet: Ductile Cast Iron EN-GJS 400-15 (GGG-40)
- Bonnet bolts: Stainless steel A4 (DIN EN ISO 3506)
- Strainer with lead bolt: Stainless steel 1.4301
- Float: Stainless steel 1.4571 (exception: DN 50 - PN 10/16 synthetic, from PN 25 of 1.4571)
- Other inner parts are made of stainless steel grade 1.4541
- Sealing: EPDM

Corrosion protection

- Internally and externally epoxy coated

Version

- Standard version as described
- For pressures of 0.1...1 bar with special sealing.
- Note: Please specify operating pressure when inquiring/ordering
- For flange dimensions acc. to ANSI class150