

AUTOMATIC AIR VALVE

Ductile Iron

Model A72-C

BERMAD A72 is an automatic air release valve that allows efficient release of air pockets from pressurized pipe lines. This valve provides excellent protection against air accumulation with improved sealing in low pressure conditions. A72 is manufactured for BERMAD by a 3rd party.

Features & Benefits

- Efficient release of air pockets from pressurized pipelines.
- Prevents leakage under low pressure conditions - 3.0 psi; 0.2 bar.
- Compact and simple structure with fully corrosion resistant internal parts: Lower maintenance and increased life span.
- Factory approval and Quality Control.

Typical Applications

- Pipelines: Protection against air accumulation in high points and long horizontal lines.
- In proximity to control valves and water meters: Prevention of inaccurate pressure regulation and biased readings due to air existence in these devices.

Inlet and Outlet Connections

- Inlets: Female threaded 1"; DN25

Operational Data

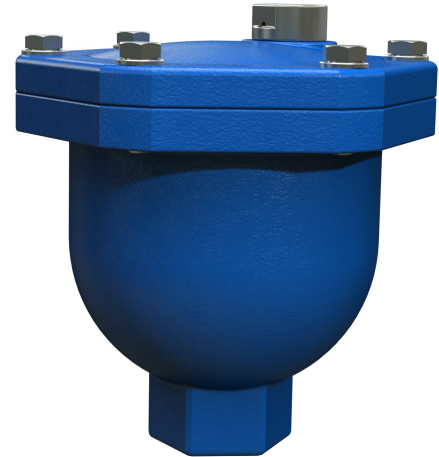
- Pressure Rating: ISO PN16, ISO PN25, ISO PN40
- Minimum operating pressure: 0.2 bar
- Maximum operating pressure: 16 bar, 25 bar, 40 bar
- Media and operating temperature: Water, 1-80°C

Orifice Specifications

Inlet Sizes	Automatic Orifice Area		
	PN16	PN25	PN40
Inch; mm	Sq mm	Sq mm	Sq mm
1"; DN25	3.1	2.5	1.8

Materials

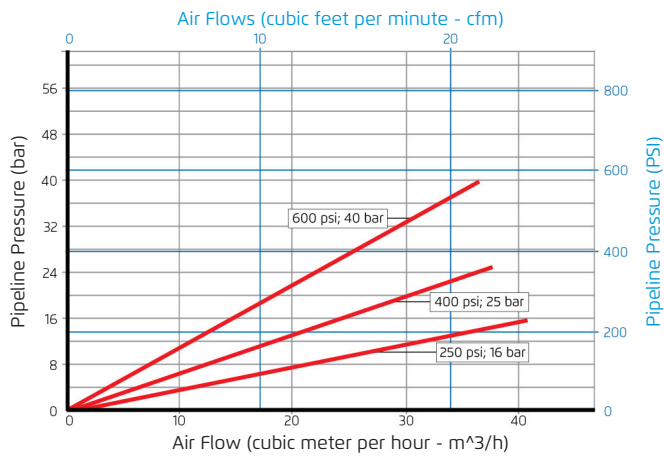
- Body: Ductile Iron
- Automatic Orifice: Stainless Steel 316
- Float: Polypropylene
- Elastomers: EPDM
- Coating: Fusion Bonded Epoxy



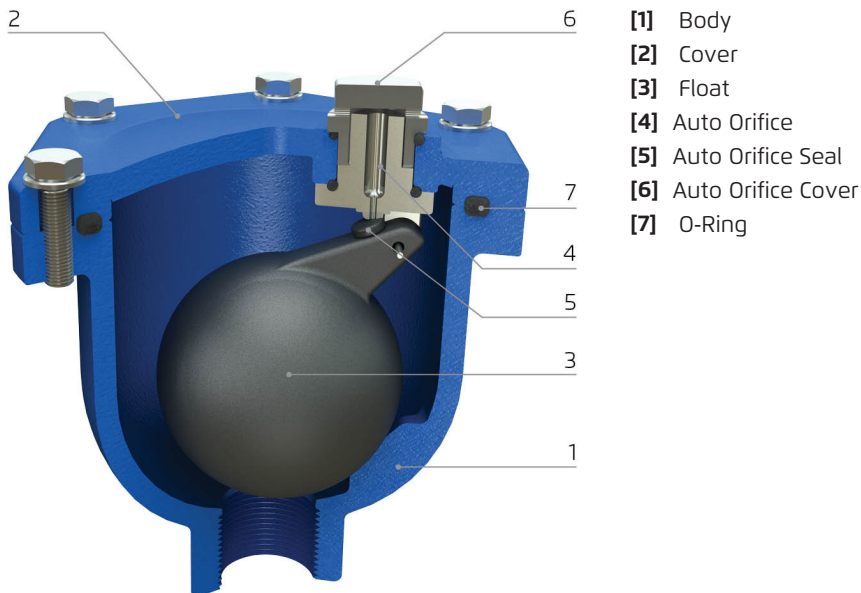


Air Flow Performance Charts

Air Release (Pressurized Operation)

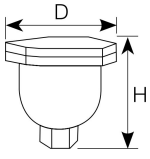
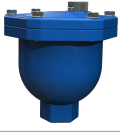


Cutaway





Dimensions & Weights

				
		Ductile Iron		
Inlet Sizes	Connection	Width (D)	Height (H)	Weight
in; mm		mm	mm	Kg
1"; DN25	Threaded	150	170	4.5