



Brass Automatic Air Vent Valve

Product Overview

VALTRIX Air Vent Valve is a high-performance solution engineered to automatically release trapped air from HVAC fluid systems, ensuring smooth and efficient operation. Designed for use in chilled water lines, heating circuits, coils, risers, and heat exchangers, it prevents airlocks, reduces corrosion, and improves overall system reliability. With a robust mechanism and corrosion-resistant construction, it delivers consistent air purging with minimal maintenance across a wide range of HVAC applications.



General Specifications:

Parameter	Specification
Product Type	Automatic Air Vent Valve (Float Type)
Sizes	DN15, DN20, DN25
Connection	Screwed End – BSP
Pressure Rating	PN16
Temperature Range	0°C to +110°C
Working Medium	Water / Glycol Mixtures up to 50%
Design	Float-operated automatic air release
Installation Position	Vertical (recommended)

Material Construction & Standards:

Component	Material Options	Material Standards (Typical)
Body	Brass	ASTM B283 / EN 12165 CW617N
Cap / Cover	Brass	ASTM B283 / CW617N
Float	Polypropylene (PP) / HDPE	ASTM D4101 / EN 1183
Float Lever / Mechanism	Brass / Stainless Steel	ASTM B16 (Brass) / AISI 304 or 316
Valve Seat	Brass / Stainless Steel	ASTM B16 / AISI 304
O-Rings / Seals	EPDM / NBR	EN 681-1 / ASTM D2000
Air Vent Orifice	Brass	ASTM B16 / EN 12165
Spring (if used)	Stainless Steel	AISI 304 / ASTM A313



Performance Data:

Parameter	Details
Maximum Working Pressure	10-16 bar (model dependent)
Release Mechanism	Automatic float-operated
Air Discharge	Continuous / Intermittent depending on system pressure
Fluid Compatibility	Potable water, HVAC chilled water, low-pressure heating water
Leak Tightness	Zero leakage under normal operation
Closure System	Float-lift shutoff with anti-vacuum action (optional)
Corrosion Resistance	Brass body

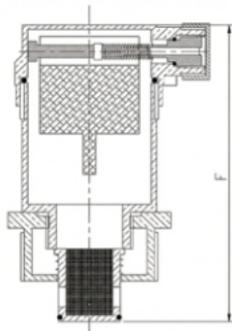
Testing Standards:

Test	Standard/Method
Pressure Test	
Leakage Test	
Dimensional Check	Manufacturer QC
Function Test	100% float movement test

Dimensions:

DN in mm	DN in inches	F±2
15	1/2"	74
20	3/4"	94
25	1"	95

Drawing:



Notes:

Product images are for reference only; actual products may differ based on model and manufacturing variations. Dimensions and specifications are subject to change as part of ongoing product improvements. Please verify all details prior to placing an order.

