



**VALVE AND FLOW CONTROL SPECIALISTS**  
*SERVICE AND RELIABILITY*

**BRASS AIR VENT – AIR ELIMINATOR**



**FIGURE NO. AV-B10**

**BRASS AIR VENT**

- \* **THREADED END :** BSPT,
- \* **Screwed Cap :** Allows inspection for maintenance
- \* **SIZE RANGE:** 15nb (1/2")
- \* **Materials:** Chromed Brass Body / lid and Polyamide float

- \***Max Intermittent Temperature : 110 Deg C**
- \***Max Cold Working Pressure : 10 Bar (145PSI)**
- \***A general purpose economical Air Vent eliminates air in tanks, and piping on liquid service such as potable water, hot water, light oils etc. Automatic air vents are also used in the closed circuits of solar heating systems. They allow air contained in the fluid to be released automatically during the filling process, through a valve operated by a float in contact with fluid in the system. Shut-off valves are used in combination with the automatic air vents to isolate them after filling the circuit of solar heating systems.**

**These are not to be confused with pressure relief valves. By removing the air from the system it minimises internal pipework corrosion (air compounds the rusting process). Removing air also improves internal pipework fluid dynamics.**

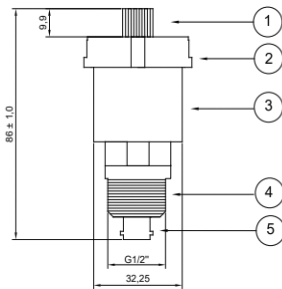
**The threaded cap allows for flow adjustment and there is an internal strainer element.**

**Air vents are installed vertically at high points on systems connected with an isolation valve.**

Note: These units are also available in 316 Stainless Steel for higher pressures / temperatures and added corrosion resistance.

Some systems may require a combination air vent and vacuum breaker. In this instance refer to the AVVB-S20 unit.

Spring check mechanism is stainless steel an advantage over brass competitors



All size are mm.

Part No	Part
1	Nut
2	Cover
3	Body
4	Nippel
5	Checkvalve Stem

Part	Material
Cover	Brass
Discharge Cover	PA6
Bolt	POM
Gasket	Nbr
Spring	Inox
Float joint	POM
Float	PA6
Body	Brass
Gasket O-ring	EPDM, NBR
Checkvalve Body	Brass
Checkvalve Spring	Inox
Checkvalve Stem	PA6

Uncontrolled document. Catalogue drawings are general arrangement only and could be subject to revision without notice  
If technical details are critical refer VCS for certified drawings at time of order

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