

AUTOMATIC AIR VENT: ETA-4

SIZES: 1/2", 3/4", 1"

The model ETA-4 automatic air vents used in plumbing, HVAC, and fire fighting system to continually remove air from the system without the need for manual bleeding. The atmosphere within a piping system can cause excessive noise due to trapped air, reduce the accuracy of control valves and the performance of heating and cooling equipment. One of the essential functions of the automatic air vent is to release air as the system is being filled with water and then automatically isolating and preventing water loss from the system.



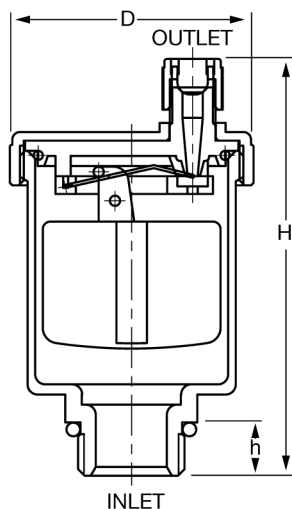
FEATURES

- Body and cover are brass construction.
- Air vent with the rubber seal.
- Impurities do not usually affect function as the maximum float line of water is always lower than the valve seal.
- The float is high-temperature resistant polyethylene.
- Can be disassembled for inspection and cleaning.

PRESSURE AND TEMPERATURE

- Max. Working pressure: 16bar
- Max. Working temperature: 120°C

DIMENSIONS



MATERIALS

PART	MATERIAL
Body & Cover	Brass
Stem	Brass
Float	Polypropylene
Seal	Brass with EPDM
O-Ring	EPDM
Spring	Stainless Steel
Float	Mechanism Stainless Steel
Vent Cap	Brass with EPDM seal

(in mm)

DN	H	h	D
1/2"	79	11	Ø48
3/4"	79	11	Ø48
1"	81	13	Ø48

INSTALLATION

- The vent is installed in the vertical position, to ensure the inner float in vertical status.
- Installed with shut-off valve or service check valve to facilitate the servicing of components under pressure without draining the piping.
- Installed in the highest level, can improve its venting effect.
- After installing the ETA-4, back off the vent cap two turns. This is the proper operating setting which will allow air to be vented from the system. It is advisable to leave the cap on, to prevent impurities from entering the air vent.