

# Air vent valve

## ▶ AC 620

*Air vent valve with 1/2" M and 3/8" M connections*



Automatic air vent valve allows the bleeding of air contained within the liquid stream, thus preventing problems of noise, performance drops due to air pockets, and metallic component corrosion phenomena. This operation is particularly important during plant filling and pressurising phases, but it is crucial also during normal operation, when small air pockets can be trapped within the piping system. **AC 620 N** valve is characterised by air discharge on the top and 3/8" M or 1/2" M connection.

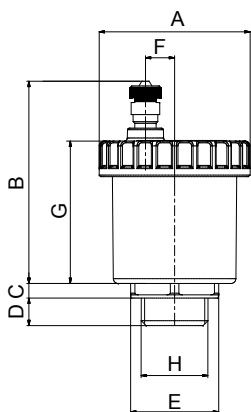
### ■ TECHNICAL FEATURES

Max fluid temperature: 110 °C  
 Max discharge pressure: 6 bar  
 Max fluid pressure: 10 bar

### ■ MATERIALS

Body and cap: CB754S brass  
 Float: PE  
 Spring: stainless steel  
 O-ring: NBR 70 (cod. 501323)  
 peroxide EPDM (cod. 501325)

### ■ DIMENSIONS



ART.	COD.	A	B	C	D	E	F	G	H
AC 620N	501323	∅46.6	62.5	4.5	8.5	HEX 27	9	44	3/8" M
AC 620N	501325	∅46.6	62.5	4.5	8.5	HEX 27	9	44	1/2" M

## ■ OPERATING INSTRUCTIONS

### Installation

The automatic air vent valve can be usefully installed in heating, cooling and domestic hot water production plants. The device must be necessarily installed upwards and at the top of the system, in order to work properly. To realise the discharge, turn the milled plug located at the outlet hole anticlockwise. Leave the plug about one turn open, so that air discharge occurs automatically.

### ■ NOTES

It is recommended that the valve is installed in a place where it can be easily reached, and with the discharge plug located in accessible position.

### ■ ACCESSORIES



AC 621 N. Check valve for automatic air vent valve 1/2" M×1/2" F and 1/2" M x 3/8" F.

### ■ SPECIFICATION SUMMARY

**IVAR AC 620 cod. 501323:** Automatic air vent valve with top discharge. Maximum exhaust pressure 6 bar. 3/8" M. Soft seal connection by o-ring. CB754S brass body and cap; PE float; NBR 70 o-ring; stainless steel spring. Nickel plated surface. Maximum operating temperature 110 ° C; maximum operating pressure 10 bar.

**IVAR AC 620 cod. 501325:** Automatic air vent valve with top discharge. Maximum exhaust pressure 6 bar. 1/2" M. Soft seal connection by o-ring. CB754S brass body and cap; PE float; EPDM peroxide o-ring; stainless steel spring. Nickel plated surface. Maximum operating temperature 110 ° C; maximum operating pressure 10 bar.

### ■ CODES

501323	Air vent valve with 3/8" M connection.
501325	Air vent valve with 1/2" M connection.

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