AUTOMATIC AIR VENT VALVE FOR RADIATOR

art.P58

Description

The ***Barberi*** automatic air vents allow to remove air from the installations without manual operations. They are normally installed in heating systems, in heating rooms, in heating generators (hang-wall boilers, wood boilers, heating pumps). Thanks to the air removal a longer system's life without components oxidation, a major thermal efficiency, a better working and safety of pumps are possible. To better remove air, the valves must be installed in the upper parts of the systems and in all areas where there is the risk of air bubbles forming (reversed siphons, manifolds, cylinders, boilers).
P58 series valves are particularly suitable for a direct installation on radiators and have a clockwise or anti-clockwise thread.

Product range

art.ref. **P58** Automatic air vent valve for radiator - nickel plated

Features

Min - max. acceptable temperature(peaks):
-20 °C *(no frost)* – **110 °C**
Min - max. working temperature:
0 °C *(no frost)* – **95 °C**
Max working pressure: **10bar**
Suitable fluyds: **water for heating installations, glycoled water (max 30%), sanitary water**
Installation's connections: **threaded connections ISO 228/1**

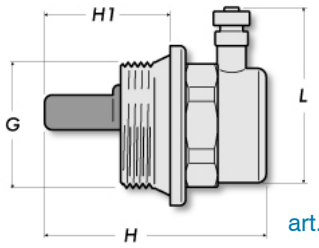
Materials

1 - Valve's body: **Brass UNI EN 12165 CW617N**
2 - Washers: **NBR**
3 - Float: **Polypropylene**

Working way

Automatic air vent works through a floating. This floating comes up with water and allows the obturator to move thus closing the bore and avoiding water to come out. If air is accumulated in the valve's body, the floating move down opening the bore and allowing the air drainage.

Dimensions



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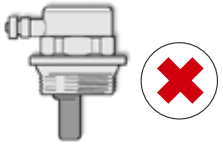
Code	P	G	thread	L	H	H1	weight	N. P/B	N. P/C
P58 025 N00 D	10	*1" M*	*right*	46	58	33	95	10	100
P58 025 N00 S	10	*1" M*	*left*	46	58	33	95	10	100

Weight (grams) - N. P/B: number of pieces in box, plastic bag - N. P/C: number of pieces in carton

Installation

Automatic air vents must be installed in suitable areas in order to drain air from installation. These areas are represented by the upper parts of the installation, inverted syphons, manifolds, cylinders, thermosiphon elements, boilers and all parts where air could be accumulated.
Air vents must be positioned as shown in the chart.

P58		

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