

## AUTOMATIC AIR VENT VALVE

EN 1567 | Attestation de Conformité Sanitaire

TECHNICAL FACTSHEET

PN10

Yellow

Art.46I

### AUTOMATIC AIR VENT VALVES



Art.461



Art.462



Art.463



Art.464



Art.465

#### Description

The F.A.R.G 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).

#### Product range

- art.ref. 461 Automatic air vent valve
- art.ref. 462 Automatic air vent valve(compact version)
- art.ref. 463 Automatic air vent valve with side connection
- art.ref. 464 Automatic air vent valve with side connection(compact version)
- art.ref. 465 Automatic air vent valve with side vent

#### 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 fluids: **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.