# AUTOMATIC AIR VENT PLUG WITH FLOAT FOR HEATING RADIATORS

OBJECTIVE
The purpose of this product is to guarantee the correct operation of the boiler and the heating circuit, automatically evacuating any air that may accumulate or generate inside it. As a special feature, it guarantees an automatic, silent and continuous discharge of the air accumulated inside the radiator.

APPLICATIONS
The application for which it has been designed is as an automatic air vent plug for radiators in heating installations and circuits. For any different application, consult our technical department.
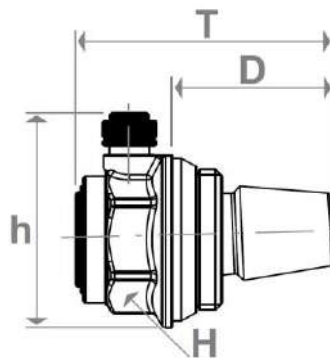

TECHNICAL FEATURES

- Maximum working pressure: 10 Bar
- Maximum relief pressure: 7 Bar
- Maximum working temperature: 110º C.
- Float material: Polypropylene
- Sealing material: EPDM
- Body material: Brass
- Bonnet material: Brass

CODE	R (thread)	h	T	D	H	Inner box	BOX	EAN
5410100001	1" Left	50	60	37	31	1 unit	100 unit	8435085524035
5410100002	1" Right	50	60	37	31	1 unit	100 unit	8435085524042

NOTE: the dimensions are expressed in millimetres.

ASSEMBLAGE

- The correct installation position is the one that allows regular operation of this equipment.
- The valve should ALWAYS be in the air vent (exhaust) side in UP position.
- The top safety plug must be unscrewed properly to allow air discharge. Its full tightening completely closes its pass / purge hole.
- This equipment automatically releases the air accumulated inside the radiator when the internal mechanism (float) is misaligned ± 10º due to the effect of the internal water level.
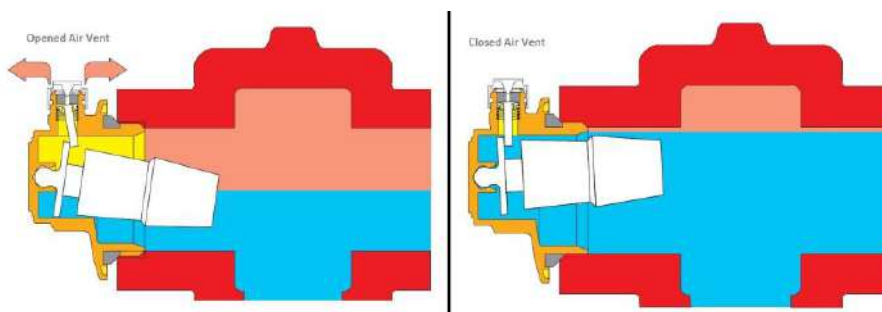
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INSTALLATION

- For correct operation, water or fluids must be free of lime and solid particles that may obstruct or damage the parts of this product.
- It is mandatory to clean installation's pipes prior to the Automatic Air Vent connection, guaranteeing inside the absence of strange elements which could damage the cutting off, leak-tightness of the valve.
- Assemble the Air Vent to radiator using always suitable sealing elements and fittings. These fittings must carry out with regulations and standards required by the directives and current legislation.
- In case the fittings used require welding operations, DO NOT make such operations with the fitting connected to this product, an excess of temperature could damage its vital parts of the sealing system. Also, be sure to remove all the fitting's parts that are rubber or liable to be damage in the welding process.
- Check that connections are free of tensions, whether traction, compression, torque, bending or shearing.
- NEVER hit this product by any of its parts under any circumstances.
- DO NOT alter or modify any part of this product or its components.
- Once the installation is finished, it is mandatory to carry out leaking tests required by the current regulations. These tests must always be prior to putting on service of the device or network.

PERIODIC TESTS

- During the life of this air vent, leaking tests required by the current regulations must be carried out.
- Periodically check that the plug and air vent both have a proper operation.
- Also periodically check the general appearing of this product, ensuring that there are not any damaged part.

CAUTIONS

- Any deterioration or breakage of this product or part of it requires complete replacement.
- The deterioration of any part means the non-fulfilment of its requirements.
- Make sure that the plug and air vent system is suitable for the device or network to which it is installed and that it provides the necessary benefits for its intended use.
- All the installation must be done in accordance with the existing code of good practice, local laws and approved national regulations.
- To check lacking of leaks in the installation, NEVER USE flames or any substance or product that is flammable or susceptible to fire or explosion.
- Do not use this product for any other purpose than that one that the product has been designed and manufactured, under any circumstance.