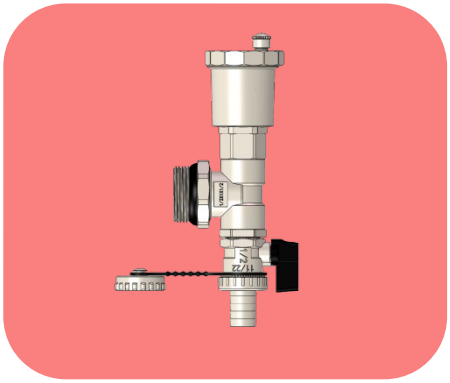
Self-sealing end piece for manifold with automatic air vent and drain valve

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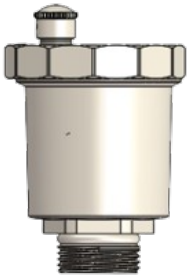
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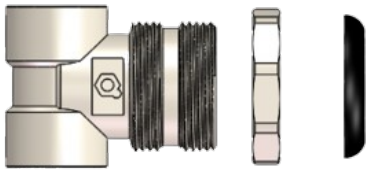


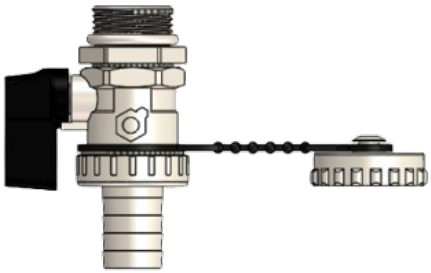
PRODUCT DESCRIPTION

The manifold end element is intended for installation on manifold blocks of underfloor heating or radiator heating systems. Perform the function of automatic air removal. Also, using a drain valve, you can fill / drain the coolant from the system.



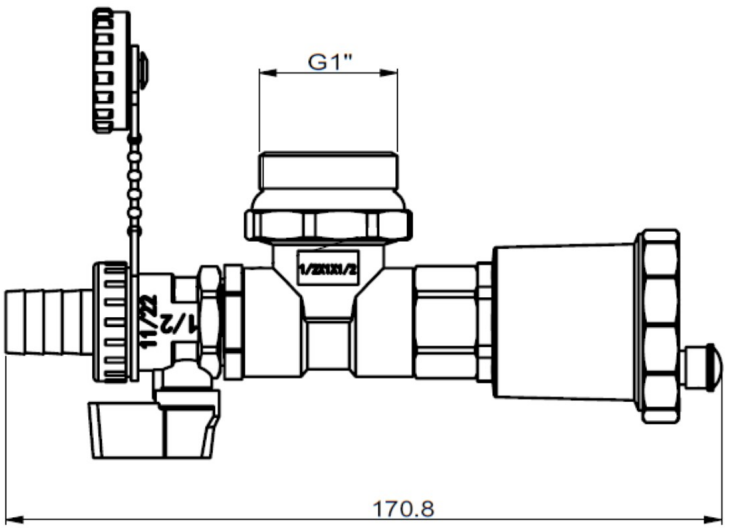




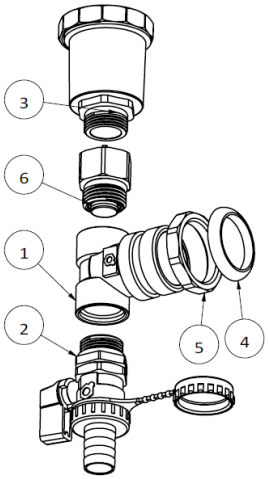


TECHNICAL PARAMETERS	
Maximum working medium temperature	100 °C
Nominal operating pressure, PN	10 bar
Connection thread	1”
Connection type	Threaded
Threaded connection standard	ISO288/1
Mounting position	Vertical

DIMENSIONS



DESIGN AND MATERIALS		
1	Tee body	Brass CW617N
2	Drain valve	-
3	Air vent	-
4	Seal	EPDM
5	Stop ring	Brass CW617N
6	Check valve	-



OPERATING PRINCIPLE

The end piece of the manifold is completed with an automatic air vent (3) and a drain valve (2). The air vent removes gases (air) from the system automatically. Through the drain valve, the coolant is filled and drained from the heating system.

The air vent is connected to the tee body through a check valve (6).

The connection between the end piece and the manifold is sealed with an O-ring (4). Which is fixed with a retaining ring (5).

INSTALLATION REQUIREMENTS

1. Installation and dismantling of the product, as well as any repair operations, must be carried out in the absence of pressure in the system. Couplings must be made using sealing materials. Before installing the end piece, the pipeline must be cleaned of scale and rust.
2. Heating systems, pipelines of boiler rooms, upon completion of their installation, must be washed with water until it comes out without mechanical suspensions.
3. After installation, a monomeric test of the system tightness is mandatory and is drawn up. This test allows you to protect against leaks and damage associated with them.
4. Connections are made on cylindrical pipe threads in accordance with ISO 228, EN 10226.

OPERATION AND MAINTENANCE REQUIREMENTS

1. End piece must be operated at the pressure and temperature specified in the specification table.
2. To ensure that the air vent is working, it is necessary to unscrew (but do not remove) its cap. During operation, it is necessary to periodically check (at least once every six months) the operation of the safety valve. To do this, turn the valve handle clockwise until it clicks.
3. When filling, it is recommended to close the air vent, and release air from the system through a special valve embedded in the top point of the system. To turn off the air vent, its cap should be screwed up to the stop.

MANUFACTURER

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Country of origin: China

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