

MANUAL AIR VENT VALVE

Application

The manual vent valve **te-sa Art. 157G** was designed and built to allow quick and safe air discharge from radiator-type heating bodies, distribution manifolds for heating systems, and components in general where the evacuation of air or small quantities of water is required. Its construction features allow a high exhaust flow even with low operating pressures.

Particularly appreciated where it is required a low footprint in height, or the possibility of orienting the discharge orifice. Having metal-made body and rod with mechanical hydraulic seal, without interposition of any gasket, it can be subjected to high operating temperatures for long periods without experiencing loss of performance. The characteristics of this valve allow its general use in distribution plants, in all those cases where it is necessary to discharge air or to drain small residues from pipes or components.

The chrome plating of both the external and internal parts prevents the deposit of impurities and incrustations that could lead to losses or difficulties in maneuvering the shaft.



Assembly

The manual air exhaust valve Art. 157G is installed on heating bodies, distribution manifolds and plant parts simply by its complete screwing, up to compress the self-sealing O-ring. Its shape allows it to be mounted with polygonal keys or even tubular keys measuring 22 mm.

In the case of installation on radiators it is recommended to keep the exhaust nozzle of the valve oriented frontally and inclined downwards by about 45°. This allows an easy uptake, with the help of small containers, of the first water in exit as a result of the air discharge.

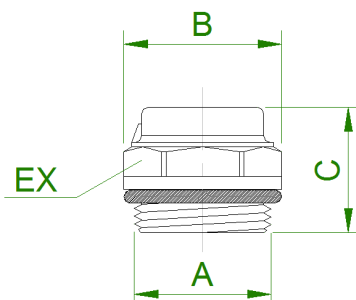
In the case of mounting on threaded female components with abundant rounding off of the inlet, the compression of the valve's self-sealing O-ring may not be sufficient, and consequently not could not be able to ensure the hydraulic seal. In these cases, it is recommended to add a sealant on the thread, such as PTFE tape or better semi-blocking glue.



Technical specifications

- Maximum operating pressure 10 bar
- Maximum operating temperature 100 °C
- Maximum glycol percentage 30%
- Body in brass alloy CW614N UNI-EN12164 chrome-plated
- Shunting rod in brass alloy CW614N UNI-EN12164 chrome-plated
- Operation of the shaft with 5 mm square key or with screwdriver
- Self-sealing on the thread by EPDM pre-assembled O-ring
- Male threads ISO228
- Anti-scalding hood with adjustable discharge in white Nylon
- Locking device in opening to prevent the release of the rod

Dimensions



Art.	A	B	C	EX
157G-03	3/8"	Ø 24	19	Ch.22
157G-04	1/2"	Ø 24	19	Ch.22