Antifreeze valve

108 series

www.caleffi.com

- Prevents ice forming in the heat pump circuit avoiding any damage to the machine and pipes.
- Mechanical protective system.
- The version with the air sensor allows the system to work in cooling mode, even when the water temperature is approaching 3 °C.

CALEFFI
Hydronic Solutions

PRODUCT RANGE

ANTIFREEZE VALVE

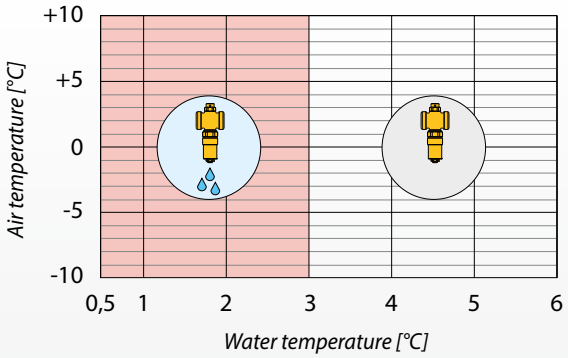
CODE	CONN.	Kv
108601	1”	55
108701	1 1/4”	70
108801	1 1/2”	72
108301	Ø 28	64

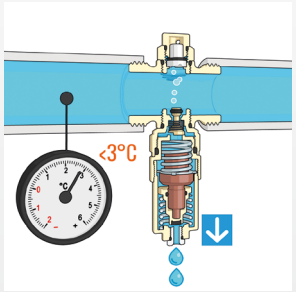
ANTIFREEZE VALVE WITH AIR SENSOR

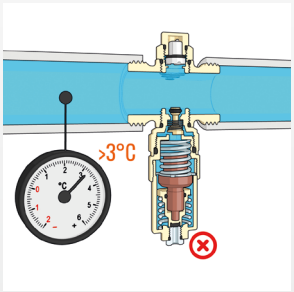
CODE	CONN.	Kv
108611	1”	55
108711	1 1/4”	70

OPERATING PRINCIPLE

The antifreeze valve 108 series allows drainage of the medium in the circuit when the circuit temperature reaches an average value of 3 °C.

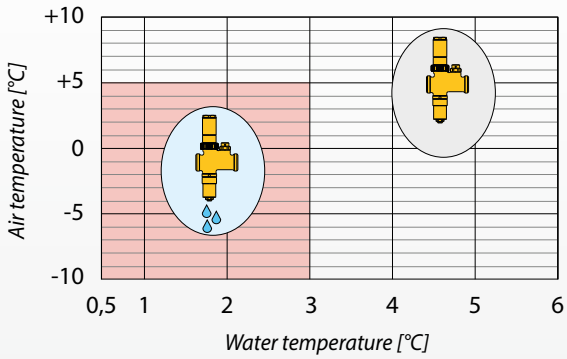


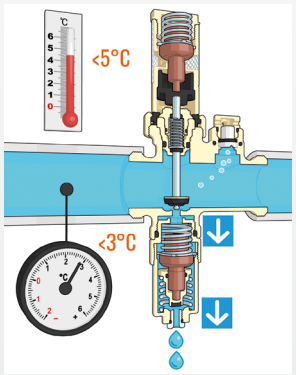


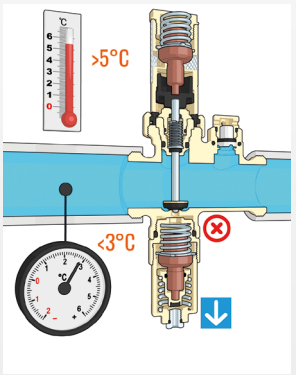


OPERATING PRINCIPLE

The 108 series antifreeze valve with air sensor allows drainage of the medium in the circuit when the circuit temperature reaches a value of 3 °C.
In outside temperature conditions over 5 °C, the antifreeze valve cut-in is inhibited by the air temperature sensor. This prevents the valve from cutting in during operation in cooling mode during summertime.

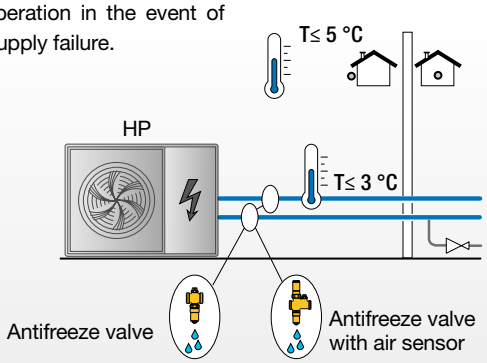






APPLICATION DIAGRAM

Winter operation in the event of electric supply failure.



TECHNICAL SPECIFICATIONS

Working temperature range	0–65 °C
Maximum working pressure	10 bar
Medium	acqua
Medium temperature (opening)	3 °C
Enabling of antifreeze function with low outside air temperature (108611-108711)	< 5 °C

REFERENCE DOCUMENTATION

108 series - Technical brochure 01376

CALEFFI Hydronic Solutions

0366322EN

We reserve the right to make changes and improvements to our products and the related technical data in this publication, at any time and without prior notice.The website www.caleffi.com always has the most up-to-date version of the document, which should be used for technical verifications.

Caleffi S.p.A. S.R. 229 n. 25 · 28010 Fontaneto d’Agogna (NO) · Italy
Tel. +39 0322 8491 · Fax +39 0322 863723
info@caleffi.com · www.caleffi.com · © Copyright 2022 Caleffi