

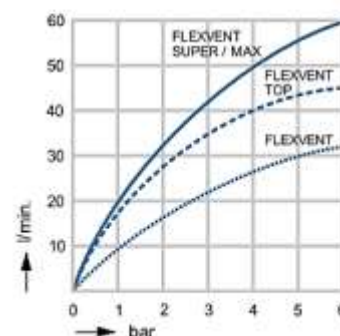
Flexvent Floatvents Reliable and Easy to Mount

Most Flexvent types are supplied with a brass shut-off valve to facilitate installation and removal. When the floatvent is unscrewed from the shut-off valve, the valve will close automatically and the system need not be de-pressurized or drained. Under normal circumstances, the Flexvent floatvent needs no maintenance.

Due to the particularly compact dimensions of the floatvent, it is possible to install Flexvent floatvents on the best suitable places.



The Flexvent H has a 1/2" right-angled connection which means it can be mounted directly on one of the radiator ports.



Flexvent Automatic Air Vents

The float floats on the water and keeps the venting valve closed. When air is collected in the floatvent, the water level will drop and the venting valve will be opened. The collected air will escape, causing the water level to rise and the venting valve to close. This process continues as long as air is collected in the floatvent during operation. The air cushion in the upper part of each Flexvent protects the valve seat against contamination.

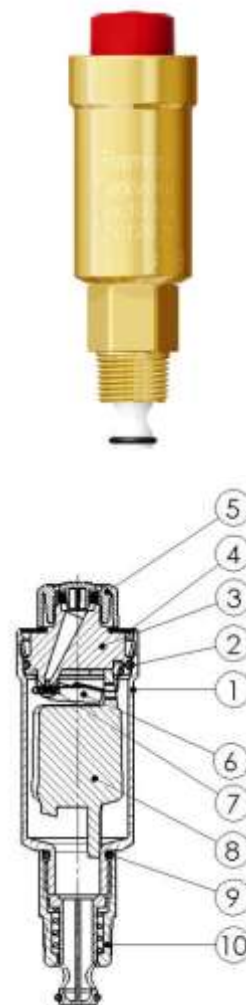
The amount of air that is allowed to escape through the Flexvent floatvent depends on the system pressure. The graph above shows the relationship between the amount of air in litres/min at 15 °C and the system pressure.

Flexvent

The compact proven design has high efficiency and guaranteed operation for heating and air conditioning. The water within the installation contains air which can form corrosion and reduce the thermal transfer. A Flexvent is fitted at places where the air collects. Float operated, the air is collected in the Flexvent causing the float to drop and open the air release valve. When the air is eliminated the float rises and closes the valve.

Advantage

- Flexvent float vents are made of brass. Most types are equipped with a shut-off valve for easy fitting and dismantling.
- A Flexvent float vent is easy to fit in any installation due to its very small dimensions.
- The relatively large air cushion at the top of each type of Flexvent float vent protects the valve seat sufficiently against contamination, so that the Flexvent will not leak.
- To guarantee top quality, we test all Flexvents before they leave our facility!



Pos.	Name	Material
1	House	Brass
2	O-ring 23,52x1,78	EPDM 70° ShA peroxide cured
3	Valve seat	POM
4	Top plate	Brass
5	Cap; with leak preventer	POM (color: red (RAL 3002) and white (RAL 9010))
6	Spring	Stainless steel
7	Valve	Silicone rubber
8	Float	PP
9	O-ring 13x2	EPDM 70° ShA peroxide cured
10	Shut-off valve	Brass / EPDM 70° ShA peroxide cured / Stainless steel / POM

Temperature medium

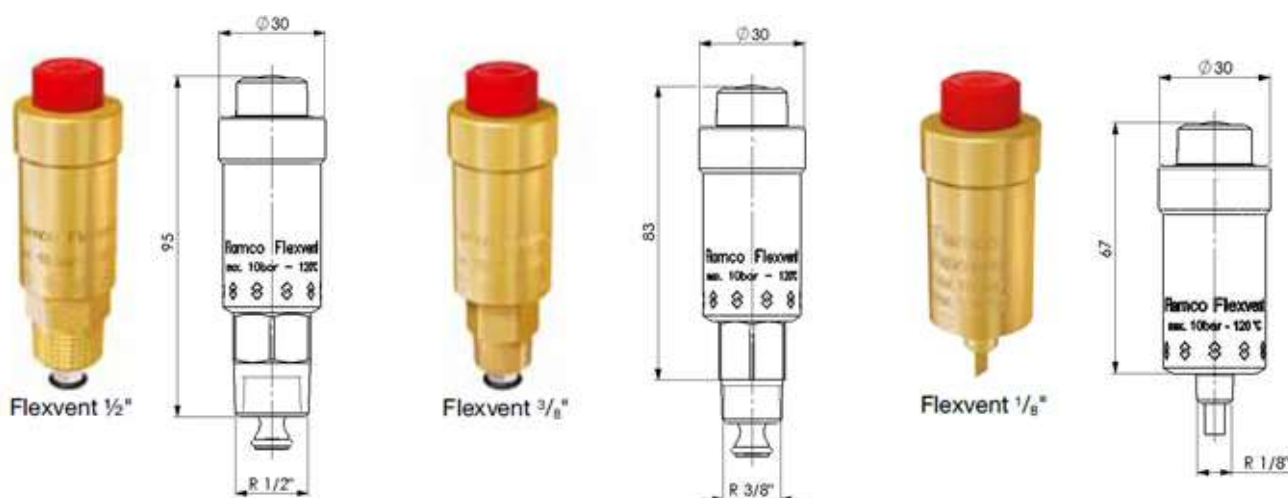
- Normal conditions: -10°C / 90°C
- Extreme conditions (peak): 90°C / 110°C ≤ 5 minutes per time
110°C / 120°C ≤ 2 minutes per time

Medium Pressure

- Normal conditions: 0.2 / 6 Bar
- Extreme conditions (peak): 6 / 10 Bar
- Advised operation pressure: 2 Bar

Ambient Conditions

- Temperature: -10°C / 40°C (during transportation: -30°C / 40°C)
- Humidity: 0 / 100%



Type	Dimensions		Connection	Shut-off valve	Order code
	Ø [mm]	H. [mm]			
Flexvent 1/8	30	67	R 1/8" M	no	27775
Flexvent 3/8	30	83	R 3/8" M	yes	27750
Flexvent 1/2	30	95	R 1/2" M	yes	27740