

Flamco offers a comprehensive range of automatic floating air vents. Flexvent air vents have proven themselves in the market for decades. The Flexvent floating air vent consists of a closed brass housing and an interior made entirely of plastic. The water level lifts the float and keeps the air valve mechanism closed. When air collects in the vent housing, the water level drops, lowering the float and opening the vent valve. The collected air is vented, allowing the water level to rise and the air valve to close again. This process will keep repeating as long as air enters the vent housing during normal operation. In order to enable even fast installation of the Flexvent air vents the versions with a valve sleeve (shut-off valve) in the dimensions  $\frac{3}{8}$ ",  $\frac{1}{2}$ " and  $\frac{3}{4}$ " are be equipped with an with self-sealing incision gasket. In practice this means that the installer doesn't need to use sealing tape for installing these version into an heating system anymore. The Flexvents are also equipped with an captive cap with an user-friendly open/close function and a leak prevention. To guarantee top quality, we test all Flexvents before they leave our factory.



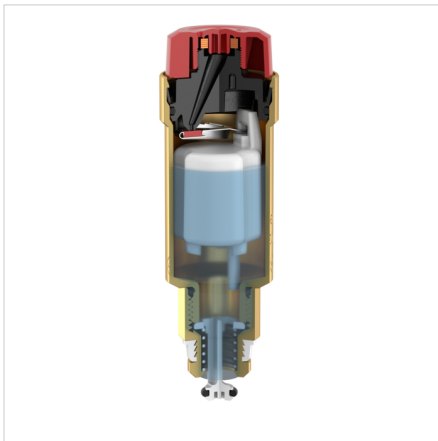
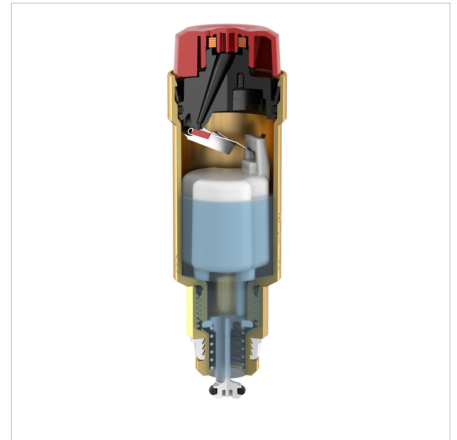
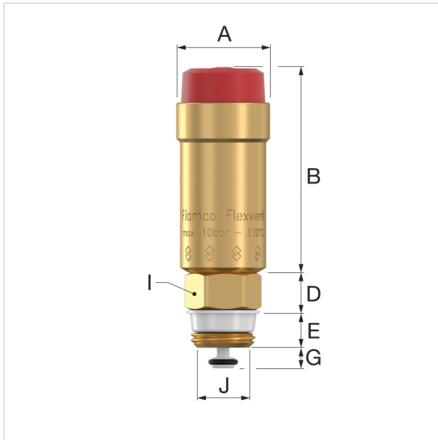
### Advantages

- Captive cap with open/close function and leak prevention.
- Most types are equipped with a valve sleeve with self-sealing notched gasket (no sealing tape required).
- Substantial distance between the water and the closing mechanism, reducing the chance of contamination.

### Technical Specifications

- Suitable for closed central heating and cooling installations.
- Suitable for addition of glycol-based anti-freeze up to 50%.
- Suitable for addition of ethanol-based anti-freeze up to 30%.
- Minimum/Maximum working temperature: -10 °C / 90 °C (peak load: 120 °C).
- Minimum/Maximum working pressure: 0.2 / 10.0 bar.
- P operating maximum: 6.0 bar.

Description	Flexvent R $\frac{1}{2}$ "
Order Code	27740
GTIN	08712874277403
Model	<u>Flexvent</u>
Connection	R $\frac{1}{2}$ "
Shut-off valve	yes
Weight [g]	115



### Flexvent - Dimensions

Type	Dimensions												
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	J ["]	K ["]	L [mm]	M ["]
Flexvent R $\frac{1}{8}$ - with bubble breaker	30	67	8	-	-	-	-	-	-	-	-	7	$\frac{1}{8}$ "
Flexvent R $\frac{3}{8}$	30	66	-	14	10	-	7	-	19	$\frac{3}{8}$ "	-	-	-
Flexvent R $\frac{1}{8}$ - R $\frac{3}{8}$	30	66	-	9	10	9	7	-	17	$\frac{3}{8}$ "	$\frac{1}{8}$ "	-	-
Flexvent R $\frac{1}{2}$	30	66	-	12	12	-	7	-	22	$\frac{1}{2}$ "	-	-	-
Flexvent G $\frac{1}{2}$ M White - with bubble breaker	31	66	15	-	-	-	-	-	22	-	-	4	$\frac{1}{2}$ "
Flexvent R $\frac{1}{2}$ Nickel plated	30	66	-	12	12	-	7	-	22	$\frac{1}{2}$ "	-	-	-
Flexvent R $\frac{3}{4}$	30	66	-	11	14	-	7	-	27	$\frac{3}{4}$ "	-	-	-



### Classification General Data

<b>Etim Group</b>	Measuring and control devices
<b>Etim Class</b>	De-aerator (automatic)
<b>Product Name</b>	Flexvent R1/2"
<b>Brand</b>	FLAMCO
<b>Product Type</b>	Flexvent
<b>Order Code</b>	27740
<b>GTIN</b>	08712874277403

### Attributes

<b>Housing material</b>	Brass
<b>Material valve</b>	Other
<b>Material float</b>	Other
<b>Nominal diameter</b>	1/2 inch (15)
<b>Outer pipe diameter</b>	21.34 Millimetre
<b>Connection 1</b>	External thread conical BSPT-R (ISO 7-1 / EN 10226-1)
<b>Max. operating pressure at 20 °C</b>	10 Bar
<b>Max. medium temperature (continuous)</b>	90 Degrees celsius
<b>Surface protection</b>	Untreated
<b>Length of connection 1</b>	13.5 Millimetre
<b>Height</b>	78 Millimetre
<b>Working length connection 1</b>	11.4 Millimetre
<b>Lockable</b>	No
<b>With leakage protection</b>	Yes
<b>With air intake barrier</b>	No
<b>Angle connection</b>	No

### Find more information online:

[Installation and operating instructions Flexvent](#)  
[Installation and operating instructions Air intake preventor](#)  
[Statement of Conformity](#)  
[Flexvent Life Cycle Assessment](#)  
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