

More compact, lighter, cleaner and more efficient

For use in sealed heating and cooling systems.

Air and dirt separators protect the boilers, pumps and fittings from damage caused by the deposit of dirt particles, increase comfort and improve the yield. Air and dirt separators also offer benefits in the event of application in old systems or when an open system is converted to a closed system.

- Increases comfort and yield.
- Prevents deposit of dirt particles in the boiler.
- The removal of air and dirt from the system water extends the service life of pumps, control equipment and other system accessories.

The Flamcovent Clean Smart air and dirt separators remove even the smallest microbubbles and minuscule dirt particles from the system water. They are virtually maintenance-free and the flow resistance is negligibly low.

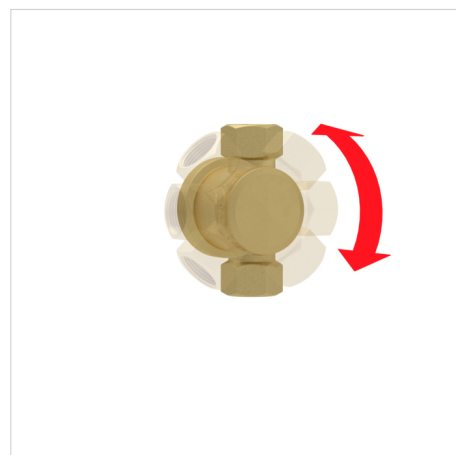


Advantages

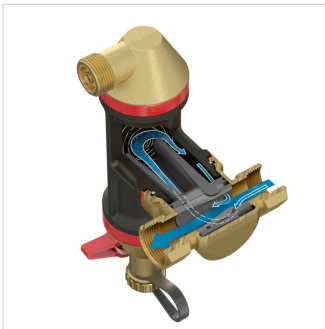
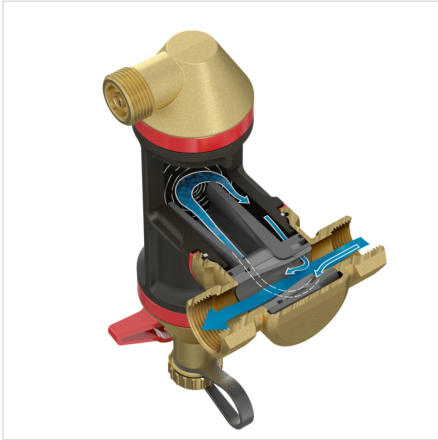
- 60% better performance compared to conventional separators.
- Flow velocity up to 3 m/s.
- Four neodymium supermagnets are incorporated into the logo.
- Can be used with all kinds of pipework.
- Compact dimensions, light weight.
- Extremely low flow resistance and low loss of energy.
- Consistent performance throughout its service life.

Technical Specifications

- Min./max. operating pressure: 0,2 bar / 6 bar.
- Minimum/Maximum system pressure: 0,2 bar / 10 bar.
- Minimum/Maximum working temperature: -10 °C / 120 °C.
- Suitable for addition of glycol-based anti-freeze up to 50%.



Description	Flamcovent Clean Smart G1 1/4" F	
Order Code	30044	
GTIN	08712874300446	
Model	<u>Flamcovent Clean Smart</u>	
Connection (E)	G 1 1/4" F	
Dimensions	A [mm]	82
	C [mm]	165
	D [mm]	110
	K [mm]	96
	L [mm]	139
	M [mm]	179
	H/H1 [mm]	318
	Ø N [mm]	75
Weight [kg]	1.6	



Classification General Data

Etim Group	Filters/separators
Etim Class	Air-/dirt separator for central heating/cooling system
Product Name	Flamcovent Clean Smart G1¼"F
Brand	Flamco
Product Type	1 1/4

Attributes

Material	Plastic
Separator type	Air/dirt
Model	Horizontal/vertical
Suitable for heating	Yes
Suitable for cooling	Yes
Nominal inner diameter	1 1/4 inch (32)
Outer pipe diameter [mm]	42.4
Connection	Internal thread cylindrical BSPP-G (ISO 228-1)
Construction length [mm]	110
Article compression class	PN 10
Surface protection	Untreated
Operating principle	Other
Suitable for open system	No
With blow-off valve	Yes
Suitable for closed system	Yes
With dismountable filter	No
With automatic de-aerator	Yes
Max. medium temperature (continuous) [°C]	120
With integrated replenishment automat	No
With couplers	No
Inlet/outlet offset distance [mm]	0

Find more information online:
[Installation and operating instruction](#)
[Declaration of Conformity](#)
[Flamcovent Clean Smart ADSK](#)
[Flamcovent Clean Smart ADSK Revit](#)
[Flamcovent Clean Smart DWG](#)
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Flamco

Flow of Innovation

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Product Data Sheet 2022/06/16

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