

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.

- With an EPP insulation mantle included.



Advantages

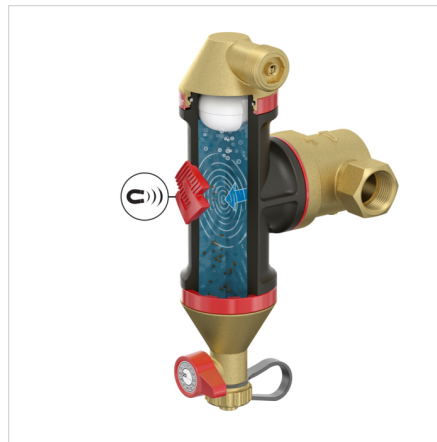
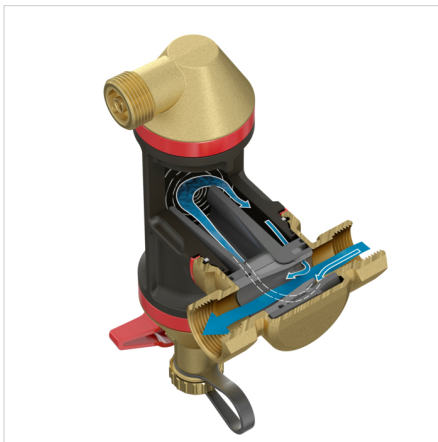
- 60% better performance compared to conventional separators.
- Flow velocity up to 3 m/s.
- Four neodymium supermagnets are incorporated into the logo.
- Can be used with all kinds of pipework.
- Compact dimensions, light weight.
- Extremely low flow resistance and low loss of energy.
- Consistent performance throughout its service life.
- EPP insulation thickness: 20 mm.
- Insulation value (λ

): 0.036 W/m

Technical Specifications

- Materials: brass and high-quality plastic.
- Minimum/Maximum operating temperature: -10 °C / 120 °C.
- Minimum/Maximum system pressure: 0,2 / 10 bar.
- Minimum/Maximum operating pressure: 0,2 / 6 bar.
- Suitable for addition of glycol-based anti-freeze up to 50%.

Description		Flamcovent Clean Smart G $\frac{3}{4}$ " F EcoPlus
Order Code		30051
GTIN		08712874300514
Model		<u>Flamcovent Clean Smart EcoPlus</u>
Connection (E)		G $\frac{3}{4}$ " F
Dimensions	A [mm]	104
	C [mm]	164
	D [mm]	100
	K [mm]	78
	L [mm]	118
	M [mm]	140
	H [mm]	258
Weight [kg]		1.3



Classification General Data

Etim Group	Filters/separators
Etim Class	Air-/dirt separator for central heating/cooling system
Product Name	Flamcovent Clean Smart G $\frac{3}{4}$ "F EcoPlus
Brand	Flamco
Product Type	3/4
Artikelnummer	30051

Attributes

Material	Plastic
Housing material	Other
Housing material quality	Other
Separator type	Air/dirt
Model	Horizontal/vertical
Suitable for heating	Yes
Suitable for cooling	Yes
Nominal diameter	3/4 inch (20)
Outer pipe diameter	26.9 Millimetre
Connection	Internal thread cylindrical BSPP-G (ISO 228-1)
Construction length	100 Millimetre
Article compression class	PN 10
Surface protection	Untreated
Operating principle	Other
Flow-through capacity	0 - 3.96 m ³ /h
Suitable for open system	No
With blow-off valve	Yes
Suitable for closed system	Yes
With drain valve	Yes
With dismountable filter	No
Backwash filter	No
With automatic de-aerator	Yes
Max. medium temperature (continuous)	120 Degrees celsius
With integrated replenishment automat	No
With couplers	No
Inlet/outlet offset distance	0 Millimetre
Max. operating pressure	10 Bar
Magnet location	External
Variable flow direction	No
With insulation	Yes
Heat conduction coefficient insulation material (λ)	0.04 Watt per meter Kelvin

Find more information online:

[Installation and operating instruction](#)
[Statement of Conformity](#)
[Flamcovent Clean Smart ADSK](#)
[Flamcovent Clean Smart ADSK Revit](#)
[Flamcovent Clean Smart DWG](#)
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Flamco

Flow of Innovation

30051 - Flamcovent Clean Smart EcoPlus 3/4

Product Data Sheet 2022/11/14

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