

### 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.



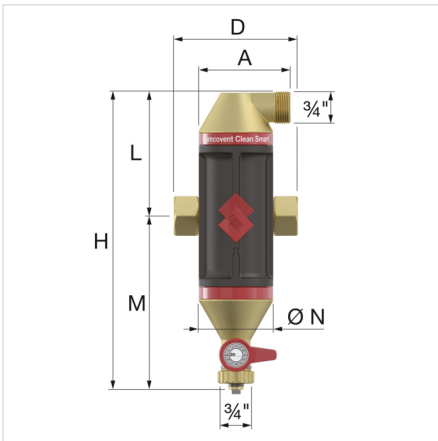
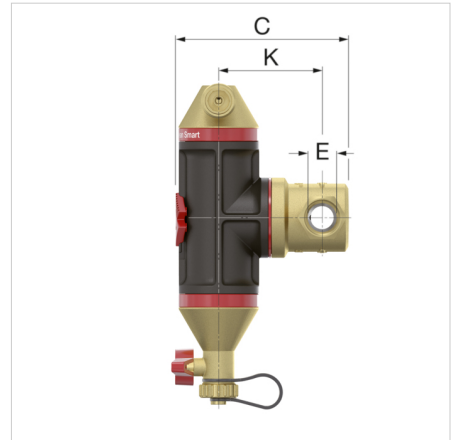
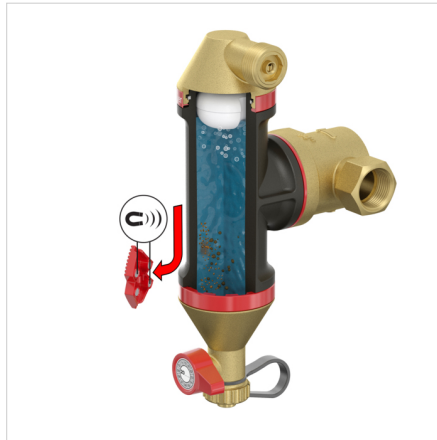
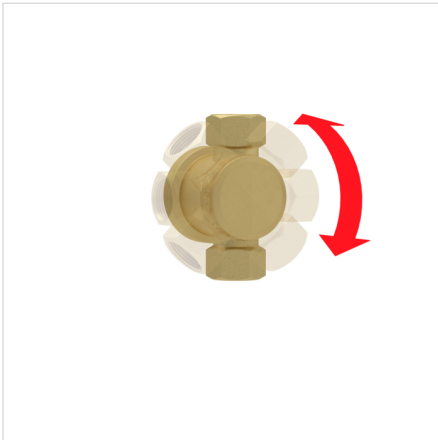
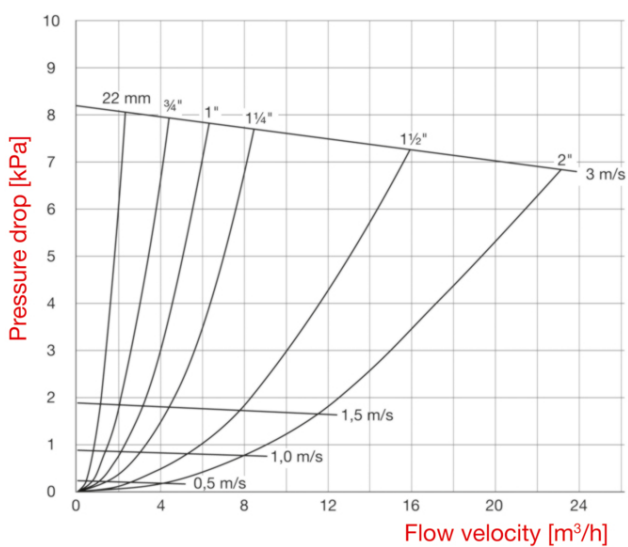
### Advantages

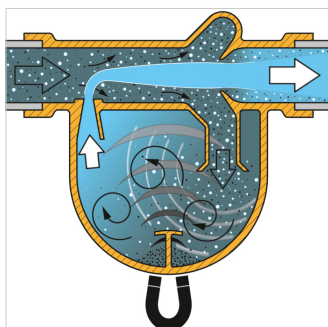
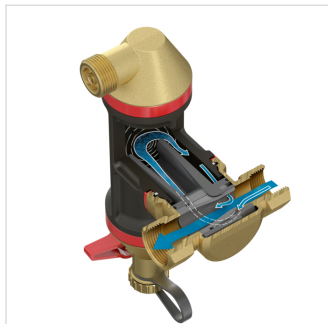
- 60% better performance compared to conventional separators.
- Flow velocity up to 3 m/s.
- Four neodymium supermagnets are incorporated into the logo.
- Can be used with all kinds of pipework.
- Compact dimensions, light weight.
- Extremely low flow resistance and low loss of energy.
- Consistent performance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

### Technical Specifications

- 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 G1"F	
Order Code	30043	
GTIN	08712874300439	
Model	<u>Flamcovent Clean Smart</u>	
Connection (E)	G 1" F	
Dimensions	A [mm]	82
	C [mm]	155
	D [mm]	106
	K [mm]	91
	L [mm]	139
	M [mm]	179
	H/H1 [mm]	318
	Ø N [mm]	75
Weight [kg]	1.5	


**Selection table for Flamcovent & Clean Smart series**




**Classification General Data**

<b>Etim Group</b>	Filters/separators
<b>Etim Class</b>	Air-/dirt separator
<b>Product Name</b>	Flamcovent Clean Smart G1"F
<b>Brand</b>	FLAMCO
<b>Product Type</b>	Smart Air & Dirt (=< 2")
<b>Artikelnummer</b>	30043
<b>GTIN</b>	08712874300439

**Attributes**

<b>Material</b>	Plastic
<b>Separator type</b>	Air/dirt
<b>Model</b>	Horizontal/vertical
<b>Housing material</b>	Other
<b>Housing material quality</b>	Other
<b>Variable flow direction</b>	No
<b>Suitable for heating</b>	Yes
<b>Suitable for cooling</b>	Yes
<b>Nominal diameter</b>	1 inch (25)
<b>Outer pipe diameter</b>	33.7 Millimetre
<b>Connection</b>	Internal thread cylindrical BSPP-G (ISO 228-1)
<b>Operating principle</b>	Other
<b>Construction length</b>	106 Millimetre
<b>Article compression class</b>	PN 10
<b>With blow-off valve</b>	Yes
<b>Surface protection</b>	Untreated
<b>Max. medium temperature (continuous)</b>	120 Degrees celsius
<b>Magnet location</b>	External
<b>Flow-through capacity</b>	0 - 6.56 m <sup>3</sup> /h
<b>Suitable for open system</b>	No
<b>Suitable for closed system</b>	Yes
<b>With drain valve</b>	Yes
<b>With dismountable filter</b>	No
<b>Backwash filter</b>	No
<b>With automatic de-aerator</b>	Yes
<b>With couplers</b>	No
<b>Inlet/outlet offset distance</b>	0 Millimetre
<b>Max. operating pressure</b>	10 Bar
<b>With insulation</b>	No
<b>With integrated replenishment automat</b>	No

**Find more information online:**
[Installation and operating instruction](#)
[Statement of Conformity](#)
[Flamcovent Clean Smart ADSK](#)
[Flamcovent Clean Smart ADSK Revit](#)
[Flamcovent Clean Smart DWG](#)
[Flamcovent Clean Smart STEP](#)
[Export catalogue](#)
[Smart Brochure](#)
[Specification Text](#)
[Packaging data](#)
[Flamcovent & Clean Smart](#)

Fort Blauwkapel 1  
1358 DB, Almere - nl

T +31 (0)36 52 62 300  
E [info@aalberts-hfc.com](mailto:info@aalberts-hfc.com)  
I [flamcogroup.com](http://flamcogroup.com)