

More compact, lighter, cleaner and more efficient

For total elimination of air from heating and cooling installations. Air separators increase comfort and improve the yield. Air 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.
- The removal of air from the system water extends the service life of pumps, control equipment and other system accessories.

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

Advantages

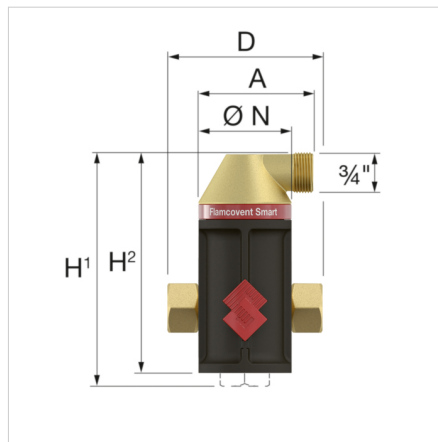
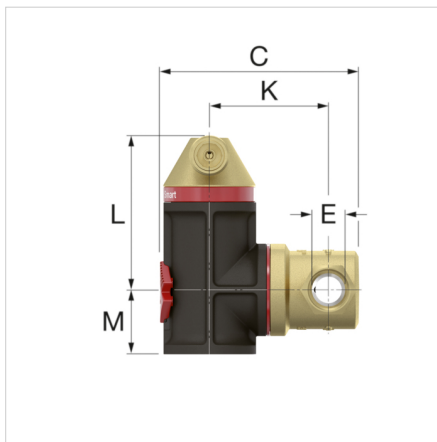
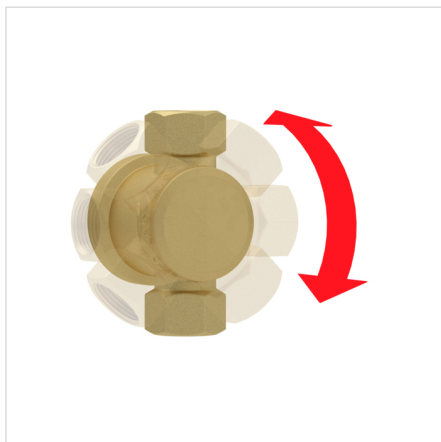
- 60% better performance compared to conventional separators.
- Flow velocity up to 3 m/s.
- Can be used with all kinds of pipework.
- Compact dimensions, light weight.
- Extremely low flow resistance and low loss of energy.
- Consistent performance throughout its service life.

Technical Specifications

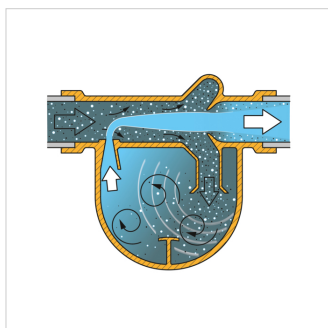
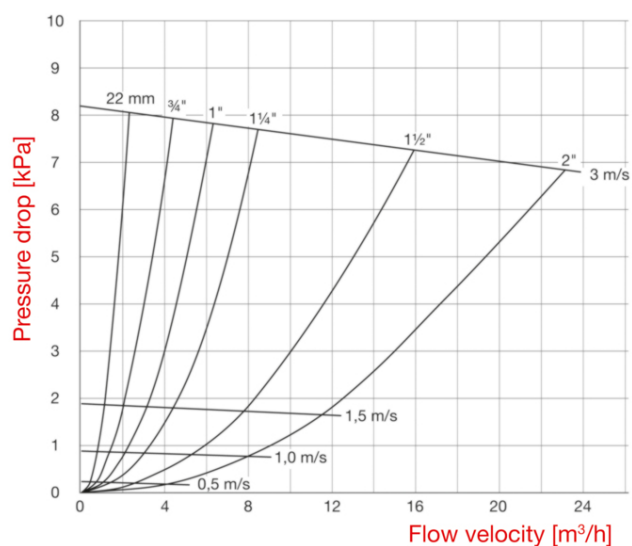
- Materials: brass and high-quality plastic.
- Minimum/Maximum operating temperature: -10 °C / 120 °C.
- Minimum/Maximum system pressure: 0,2 / 10 bar.
- Minimum/Maximum operating pressure: 0,2 / 6 bar.
- Suitable for addition of glycol-based anti-freeze up to 50%.
- Suitable for addition of ethanol-based anti-freeze up to 30%.



Description		Flamcovent Smart G $\frac{3}{4}$ " F
Order Code		30001
GTIN		08712874300019
Model		<u>Flamcovent Smart</u>
Connection (E)		G $\frac{3}{4}$ " F
Dimensions	A [mm]	74
	C [mm]	132
	D [mm]	100
	K [mm]	78
	L [mm]	101
	M [mm]	37
	H/H1 [mm]	151
	H2 [mm]	138
	Ø N [mm]	60
Weight [kg]		0.90



Selection table for Flamcovent & Clean Smart series



Classification General Data

Etim Group	Filters/separators
Etim Class	Air-/dirt separator
Product Name	Flamcovent Smart G¾"F
Brand	FLAMCO
Product Type	Smart Air & Dirt (≤ 2")
Order Code	30001
GTIN	08712874300019

Attributes

Material	Plastic
Separator type	Air
Model	Horizontal/vertical
Material of connection	Brass
Material quality connection	Other
Housing material	Other
Housing material quality	Other
Variable flow direction	No
Suitable for heating	Yes
Suitable for cooling	Yes
Suitable for solar	No
Nominal diameter	3/4 inch (20)
Outer pipe diameter	26.9 Millimetre
Connection	Internal thread cylindrical BSPP-G (ISO 228-1)
Operating principle	Other
Construction length	100 Millimetre
Article compression class	PN 10
With blow-off valve	Yes
Surface protection	Untreated
Whirl operating principle	No
Negative pressure operating principle	No
Magnet operating principle	No
Thrust operating principle	Yes
Partial flow principle	Yes
Principle full flow with settling	No
Max. medium temperature (continuous)	120 Degrees celsius
Cleaning possible during operation	No
Magnet location	None
Flow-through capacity	0 - 3.96 m³/h
Suitable for open system	No
Suitable for closed system	Yes
Max. operation pressure	10 Bar
With drain valve	No
With dismountable filter	No
Filter volume	0 Litre
Filter mesh density	0 Millimetre
Backwash filter	No
Min. pressure for back flush	0 Bar
With automatic de-aerator	Yes
With couplers	No
Inlet/outlet offset distance	0 Millimetre
Medium temperature (continuous)	0 - 120 °C
Max. operating pressure	10 Bar
Kvs value	0
With insulation	No
Heat conduction coefficient insulation material (λ)	0 Watt per meter Kelvin
Max. glycol mixture	50 Percentage

With integrated replenishment No
automat

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

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