

Flamco XStream air separators ensure lower energy consumption, less wear and tear, fewer breakdowns, a longer lifespan and thus a higher efficiency of heating and cooling installations.

More comfort, more efficiency.

The Flamco XStream Vent ensures that air in the installation is separated quickly and efficiently. The result: more comfort, less corrosion, less noise and more efficiency of the heating system.

Advantages

- With an unique ECO/ MAX mode.
In the ECO mode a part of the system water (partial flow) is led through the Flamco XStream.
In the MAX mode all the system water is led through the Flamco XStream.
- Up to 15% less energy consumption of the heating system.*
- Up to 6% more efficiency of the heating system.*
- The unit is 360 degree rotatable for ease of installation.
- No account needs to be taken of the flow direction of the installation. This prevents installation errors.
- Insulation is an integral part of the design of the Flamco XStream. This reduces heat losses to a minimum.
- The intergrated service indicator indicates when the system was last flushed/vented in the MAX mode.

* Calculated according to the Hysopt method in a system with a gas boiler and manually operated radiator valves.

Technical Specifications

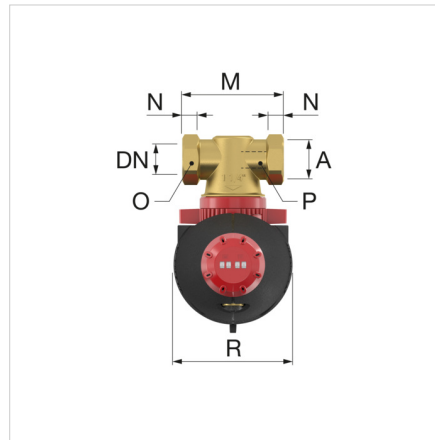
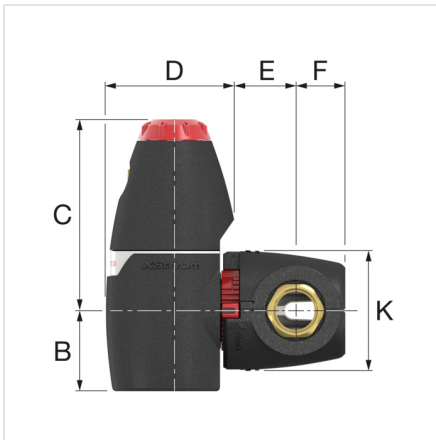
- Materials: brass and high-quality plastic.
- Minimum/Maximum operating temperature: -10 °C / 120 °C.
- Minimum/Maximum system pressure: 0,2 / 10 bar.
- Minimum/Maximum operating pressure: 0,2 / 6 bar.
- Suitable for addition of glycol-based anti-freeze up to 50%.
- Minimum/Maximum flow velocity: 0.2 / 3 m/s.
- Medium pH: 5 / 10.
- Material: EPP insulation. λ : 0.036 W/m.
- Average thickness insulation: 20 mm.



Description	XStream Vent 1" F	
Order Code	11002	
GTIN	08712874110021	
Model	<u>Flamco XStream Vent</u>	
Connection	[DN]	25
	(A)	G 1" F
K_v^* [m ³ /h] (ECO)	7.8	
K_v^* [m ³ /h] (MAX)	26.7	
Weight [kg]	1.3	

* $K_v = Q / \sqrt{\Delta P}$ Q: Flow [m³/h] ΔP : Pressure loss over the product (1 bar)

Flow factor K_v : Rate of flow [m³/h] which results in a 1 bar pressure drop across the product. This is different then the maximum allowed flow rate of the product.



Flamco XStream Vent - Dimensions

Type	Dimensions										
	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	K [mm]	M [mm]	N [mm]	O [mm]	P [mm]	R [mm]
XStream Vent 22	59	149	106	44	41	102	119	24	32	24	114
XStream Vent 3/4 F	59	149	106	44	41	102	100	14	32	-	114
XStream Vent 1 M	59	149	106	44	41	102	100	13	-	27	114
XStream Vent 1 F	76	181	121	53	45	114	110	16	41	-	130
XStream Vent 1 1/4 M	76	181	121	53	45	114	110	14	-	34	130
XStream Vent 1 1/4 F	76	181	125	57	48	114	110	18	50	-	130
XStream Vent 1 1/2 F	86	208	139	62	51	132	129	18	55	-	145
XStream Vent 2 F	86	208	139	65	58	132	140	23	70	-	145

Classification General Data

Etim Group	Filters/separators
Etim Class	Air-/dirt separator for central heating/cooling system
Product Name	XStream Vent air separator with full and partial flow function (DN25)
Brand	Flamco
Product Type	G 1"G 1"
Artikelnummer	11002

Attributes

Material	Plastic
Housing material	Brass
Housing material quality	Other
Separator type	Air
Model	Horizontal/vertical
Suitable for heating	Yes
Suitable for cooling	Yes
Nominal diameter	1 inch (25)
Outer pipe diameter	33.7 Millimetre
Connection	Internal thread cylindrical BSPP-G (ISO 228-1)
Construction length	110 Millimetre
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 drain valve	No
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
Variable flow direction	Yes
With insulation	Yes
Heat conduction coefficient insulation material (λ)	0.04 Watt per meter Kelvin

Find more information online:

[Installations and operating instructions](#)

[Statement of Conformity](#)

[XStream Vent DWG](#)

[XStream Vent STEP](#)

[XStream Vent RFA](#)

[Brochure \(English\)](#)

[Brochure \(Romanian\)](#)

[Leaflet \(English\)](#)

[Leaflet \(Romanian\)](#)

[Technical Handbook \(English\)](#)

[Export catalogue](#)

[Packaging data](#)

[Report Hysopt](#)

[XStream \(English\)](#)

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[Explainer video XStream \(English\)](#)

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Flamco

Flow of Innovation

11002 - XStream Vent 1 F

Product Data Sheet 2022/11/21

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