

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

An effective combination.

From an installation perspective, it is always preferable to install a separate air and dirt separator. In installations where it is difficult to install both a Flamco XStream Vent and a Clean, the Flamco XStream Vent-Clean is the ideal solution.

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.
- Thanks to the powerful internal magnet, the Flamco XStream Clean and the Vent-Clean have a great attraction to magnetite.
- 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.

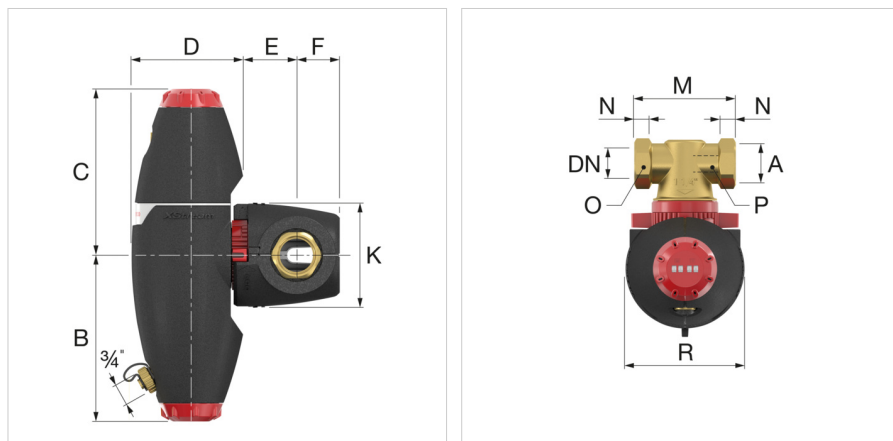


Description	XStream Vent-Clean 1" M	
Order Code	11081	
GTIN	08712874110816	
Model	<u>Flamco XStream Vent-Clean</u>	
Connection	[DN]	20
	(A)	G 1" M
$K_v^* \text{ [m}^3\text{/h] (ECO)}$	4.1	
$K_v^* \text{ [m}^3\text{/h] (MAX)}$	15.6	
Weight [kg]	1.4	

* $K_v = Q / \sqrt{\Delta P}$ 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-Clean - 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-Clean 22	149	149	106	44	41	102	119	24	32	24	114
XStream Vent-Clean $\frac{3}{4}$ F	149	149	106	44	41	102	100	14	32	-	114
XStream Vent-Clean 1 M	149	149	106	44	41	102	100	13	-	27	114
XStream Vent-Clean 1 F	181	181	121	53	45	114	110	16	41	-	130
XStream Vent-Clean $1\frac{1}{4}$ M	181	181	121	53	45	114	110	14	-	34	130
XStream Vent-Clean $1\frac{1}{4}$ F	181	181	125	57	48	114	110	18	50	-	130
XStream Vent-Clean $1\frac{1}{2}$ F	208	208	139	62	51	132	129	18	55	-	145
XStream Vent-Clean 2 F	208	208	139	65	58	132	140	23	70	-	145





Classification General Data

Etim Group	Filters/separators
Etim Class	Air-/dirt separator
Product Name	XStream Vent-Clean air and dirt separator with full and partial flow f
Brand	FLAMCO
Product Type	XStream (≤ 2")
Artikelnummer	11081
GTIN	08712874110816

Attributes

Material	Plastic
Separator type	Air/dirt
Model	Horizontal/vertical
Housing material	Brass
Housing material quality	Other
Variable flow direction	Yes
Suitable for heating	Yes
Suitable for cooling	Yes
Nominal diameter	DN 20
Outer pipe diameter	33.7 Millimetre
Connection	External thread cylindrical BSPP-G (ISO 228-1)
Operating principle	Magnet
Construction length	100 Millimetre
Article compression class	PN 10
With blow-off valve	Yes
Surface protection	Untreated
Max. medium temperature (continuous)	120 Degrees celsius
Magnet location	Internal
Suitable for open system	No
Suitable for closed system	Yes
With drain valve	Yes
With dismountable filter	No
Backwash filter	No
With automatic de-aerator	Yes
With couplers	No
Inlet/outlet offset distance	0 Millimetre
Max. operating pressure	10 Bar
With insulation	Yes
Heat conduction coefficient insulation material (λ)	0.04 Watt per meter Kelvin
With integrated replenishment automat	No

Find more information online:[Installations and operating instructions](#)[Statement of Conformity](#)[XStream Vent-Clean DWG](#)[XStream Vent-Clean STEP](#)[XStream Vent-Clean RFA](#)[Brochure \(English\)](#)[Brochure \(Romanian\)](#)[Leaflet \(English\)](#)[Leaflet \(Romanian\)](#)[Technical Handbook \(English\)](#)[Export catalogue](#)[Packaging data](#)[Report Hysopt](#)[XStream \(English\)](#)[XStream \(Romanian\)](#)[Explainer video XStream \(English\)](#)[Explainer video XStream \(Romanian\)](#)

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