Flamco XStream Vent

Product Data Sheet 2022/03/30

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.

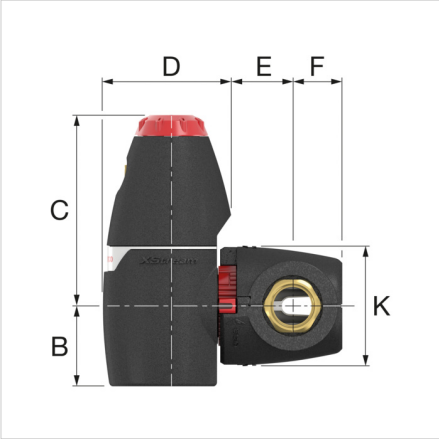
Advantages

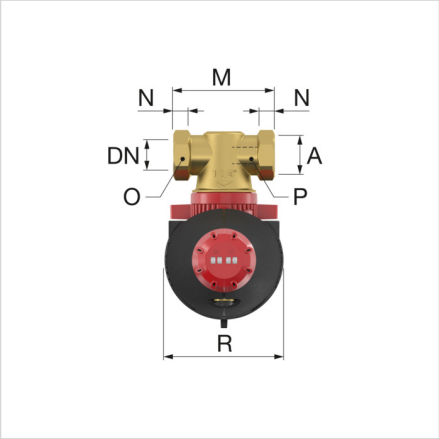
- With an unique ECO/ MAX mode.
  In the ECO mode a part of the system water (partial flow) is led through the Flamco XStream.
  In the MAX mode all the system water is led through the Flamco XStream.
- Up to 15% less energy consumption of the heating system.*
- Up to 6% more efficiency of the heating 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

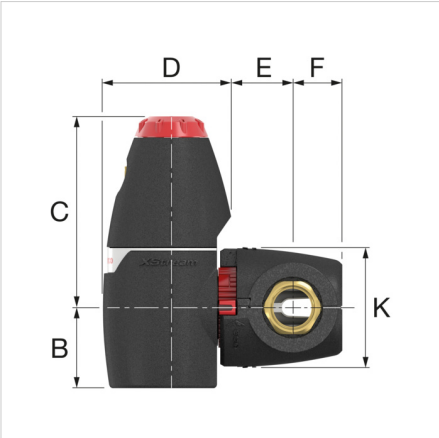
- Minimum/Maximum system pressure: 0,2 bar / 10 bar.
- Minimum/Maximum working temperature: -10 °C / 120 °C.
- Suitable for addition of glycol-based anti-freeze up to 50%.
- Minimum/Maximum flow velocity: 0.2 / 3 m/s.
- Medium pH: 5 / 10.
- Material: EPP insulation. λ : 0.036 W/m.
- Average thickness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

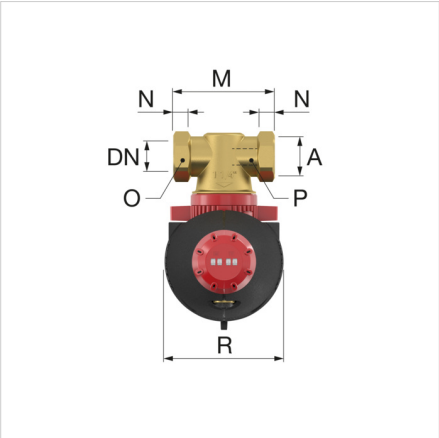




Type	Connection		K_v * [m^3/h] (ECO)	K_v * [m^3/h] (MAX)	Weight [kg]	-	Order Code
	[DN]	(A)					
XStream Vent 22	20	22 mm	15.6	4.1	1.0	1	11011
XStream Vent $^3/_4$ F	20	G $^3/_4$" F	15.6	4.1	0.9	1	11001
XStream Vent 1 M	20	G 1" M	15.6	4.1	0.9	1	11021
XStream Vent 1 F	25	G 1" F	26.7	7.8	1.3	1	11002
XStream Vent 1 $^1/_4$ M	25	G 1 $^1/_4$" M	26.7	7.8	1.3	1	11022
XStream Vent 1 $^1/_4$ F	32	G 1 $^1/_4$" F	38.5	10.6	1.5	1	11003
XStream Vent 1 $^1/_2$ F	40	G 1 $^1/_2$" F	63.0	14.8	2.2	1	11004
XStream Vent 2 F	50	G 2" F	85.0	19.8	2.6	1	11005

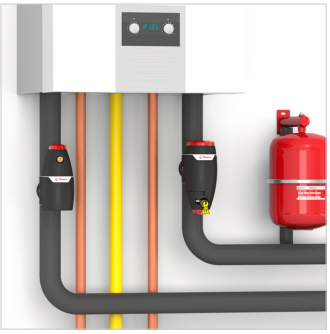
* $K_v = Q / \sqrt{\Delta P}$ Q: Flow [m^3/h] ΔP: Pressure loss over the product (1 bar)
Flow factor K_v: Rate of flow [m^3/h] which results in a 1 bar pressure drop across the product. This is different then the maximum allowed flow rate of the product.





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




Find more information online:

Installations and operating instructions
Declaration 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)
XStream (Romanian)
Explainer video XStream (English)
Explainer video XStream (Romanian)

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