

The SideFlow Clean is a partial flow filter for continuous cleaning of the system for central heating and cooling installations. Connecting a SideFlow Clean to an installation ensures that a proportion (10% PICV) of the main flow is filtered, which means dirt and magnetite are captured through a combination of a filter bag and magnetic filtration.

Advantages

- Side stream filtration for the removal of magnetic and nonmagnetic suspended solids.
- Quick and easy to install and maintain.
- Simple to mount thanks to integrated wall fastening.
- Integrated insulation jacket.
- The unit can be mounted for either left hand or right hand applications.
- Suitable for addition of glycol-based anti-freeze up to 50%.

Technical Specifications

- Minimum/Maximum working temperature: -10 °C / 100 °C.
- Minimum/Maximum flow velocity: 0.2 / 3 m/s.
- Material: PVC cloth with glass fibre fleece insulation. λ : 0.054 W/m.
- Thickness insulation: 25 mm.

Side Flow Clean 3.5L:

- Minimum/Maximum working pressure: 0.2 / 10 bar.
- Maximum system size: 70,000 litres.
- Flowrate (10% system flow): 0.8 l/s.
- Kvs value: 17 m³/h.
- Flow through capacity: 2.88 m³/h.
- Fixed magnetic bars: 1.

Side Flow Clean 5.0L:

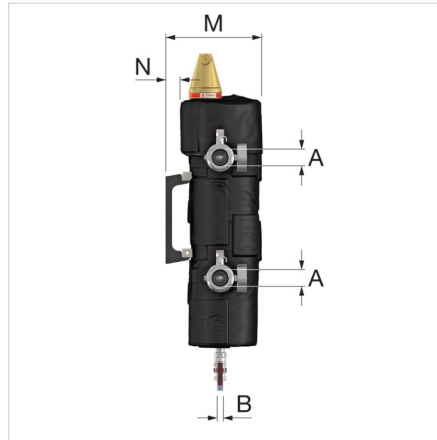
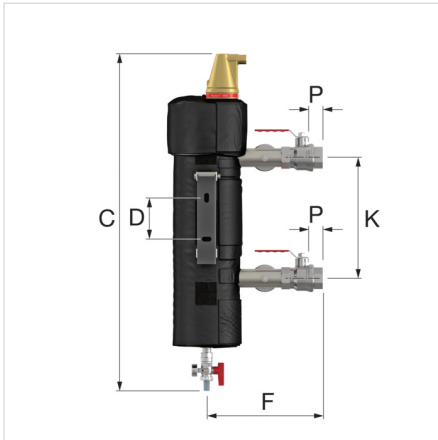
- Minimum/Maximum working pressure: 0.2 / 16 bar.
- Maximum system size: 120,000 litres.
- Flowrate (10% system flow): 1.3 l/s.
- Kvs value: 67.2 m³/h.
- Flow through capacity: 4.68 m³/h.
- Fixed magnetic bars: 2.



Description	SideFlow Clean 3.5L	
Order Code	17021	
GTIN	08712874170216	
Model	<u>SideFlow Clean</u>	
Volume [l]	3.5	
Connection	(A)	G 1/2" F
	(B) [mm]	14.5
Filter bag volume [l]	1.4	
Weight [kg]	10	

* Including SideFlow Clean, Filter bag 10 micron (1x), Filter bag 25 micron (1x), Filter bag 50 micron (2x) and C-Spanner.





SideFlow Clean - Dimensions

Type	Dimensions						
	C [mm]	D [mm]	F [mm]	K [mm]	M [mm]	N [mm]	P [mm]
SideFlow Clean 3.5L	728	94	217	275	211	13	15
SideFlow Clean 5.0L	769	94	264	275	238	10	19

Classification General Data

Etim Group	Filters/separators
Etim Class	Air-/dirt separator for central heating/cooling system
Product Name	SideFlow Clean 3.5L
Brand	Flamco
Product Type	SideFlow Clean 3,5L
Artikelnummer	17021

Attributes

Housing material	Stainless steel
Housing material quality	Stainless steel 304 (1.4301)
Separator type	Air/dirt
Model	Horizontal/vertical
Suitable for heating	Yes
Suitable for cooling	Yes
Nominal diameter	1/2 inch (15)
Outer pipe diameter	21.3 Millimetre
Connection	Internal thread cylindrical BSPP-G (ISO 228-1)
Construction length	302 Millimetre
Article compression class	PN 10
Surface protection	Other
Operating principle	Magnet
Flow-through capacity	0 - 2.88 m ³ /h
Suitable for open system	Yes
With blow-off valve	Yes
Suitable for closed system	Yes
With drain valve	Yes
With dismountable filter	Yes
Filter volume	1.4 Litre
Backwash filter	No
With automatic de-aerator	Yes
Max. medium temperature (continuous)	100 Degrees celsius
With integrated replenishment automat	No
With couplers	No
Inlet/outlet offset distance	275 Millimetre
Medium temperature (continuous)	0 - 100 °C
Max. operating pressure	10 Bar
Kvs value	17
Magnet location	Internal
Variable flow direction	No
With insulation	Yes
Heat conduction coefficient insulation material (λ)	0.05 Watt per meter Kelvin

Find more information online:
[Installation and operating instruction](#)
[Statement of Conformity](#)
[SideFlow Clean DWG](#)
[SideFlow Clean DXF](#)
[SideFlow Clean STEP](#)
[SideFlow Clean 3.5L RFA](#)
[SideFlow Clean 5.0L RFA](#)
[Brochure SideFlow Clean](#)
[Export catalogue](#)
[Packaging data](#)



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Flow of Innovation

17021 - SideFlow Clean 3.5L *

Product Data Sheet 2022/11/22

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