

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
Product Name	SideFlow Clean 3.5L
Brand	FLAMCO
Product Type	SideFlow Clean
Order Code	17021
GTIN	08712874170216

Attributes

Material	Steel
Separator type	Air/dirt
Model	Horizontal/vertical
Material of connection	Steel
Material quality connection	Other
Housing material	Stainless steel
Housing material quality	Stainless steel 304 (1.4301)
Variable flow direction	No
Suitable for heating	Yes
Suitable for cooling	Yes
Suitable for solar	No
Nominal diameter	1/2 inch (15)
Outer pipe diameter	21.3 Millimetre
Connection	Internal thread cylindrical BSPP-G (ISO 228-1)
Operating principle	Magnet
Construction length	302 Millimetre
Article compression class	PN 10
With blow-off valve	Yes
Surface protection	Other
Whirl operating principle	No
Negative pressure operating principle	No
Magnet operating principle	Yes
Thrust operating principle	No
Partial flow principle	Yes
Principle full flow with settling	No
Max. medium temperature (continuous)	100 Degrees celsius
Cleaning possible during operation	Yes
Magnet location	Internal
Flow-through capacity	0 - 2.88 m ³ /h
Suitable for open system	Yes
Suitable for closed system	Yes
Max. operation pressure	10 Bar
With drain valve	Yes
With dismountable filter	Yes
Filter volume	1.4 Litre
Filter mesh density	0.01 Millimetre
Backwash filter	No
Min. pressure for back flush	0 Bar
With automatic de-aerator	Yes
With couplers	No
Inlet/outlet offset distance	275 Millimetre
Medium temperature (continuous)	0 - 100 °C
Max. operating pressure	10 Bar
Kvs value	17
With insulation	Yes
Heat conduction coefficient insulation material (λ)	0.05 Watt per metre Kelvin
Max. glycol mixture	50 Percentage

With integrated replenishment automat No

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](#)

[Packaging data](#)

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