

The floor standing Sideflow Clean Pro is one of the most powerful magnetite and dirt filters on the market. The unit consists of a powder coated aluminium casing with internal insulation. The Sideflow Clean Pro uses a pump which forces a part of the system water (the 'side stream') to go through a filter and pass a magnet, which means that dirt and magnetite are captured through a combination of a filter bag and magnetic filtration. The Sideflow Clean Pro is suitable for installations in many building types, including a wide range of commercial and industrial buildings.

#### Advantages

- Highly effective dual filtration for the removal of magnetic and non-magnetic contaminants.
- Full and water tight insulation for energy saving through optimal energy-efficient operation.
- Quick and easy to install.
- Easy operation thanks to its intuitive controller menu with 8 languages.
- Wide range of applications including commercial and utilities in systems up to 200,000 litres.
- Easy cleaning and maintenance.
- Easy retrofitting in existing installations.
- Automatic switch-off when the filter is full.

#### Technical Specifications

- System pressure (min / max): 1.3/8.0 bar
- System temperature (min / max): -10/80 °C
- Particle size (max): 1 µm
- Power Supply: 230 V
- Power consumption: 160 W
- v. min / max\*

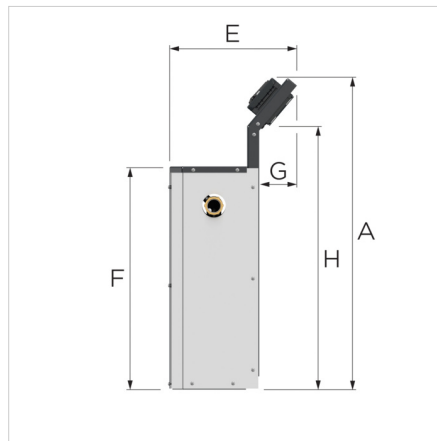
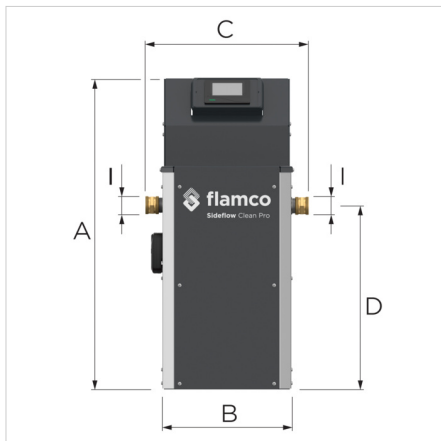
: 0.24/1.0 [m/s]

- Kvs Value at 5m<sup>3</sup>/h.: 13.76 [m<sup>3</sup>/h]
- Display size: 4,3"
- Connection: G1 1/2"F
- Sound: 45 dB
- Languages: Deutsch, English, Francais, Nederlands, Dansk, Svenska, Suomalainen, Polski

\* For 1.1/2" pipe at flow through capacity 1.2 resp. 5.0 m<sup>3</sup>/h.



Description	SideFlow Clean Pro	
Order Code	17015	
GTIN	08712874170155	
Model	<u>Sideflow Clean Pro</u>	
Dimensions	(A) [mm]	992
	(B) [mm]	400
	(C) [mm]	490
	(D) [mm]	405
	(E) [mm]	709
	(F) [mm]	584
	(G) [mm]	120
	(H) [mm]	822
Connection	G1 1/2" F	
Filter bag volume [l]	2	
Weight [kg]	32	



**Minimum connection size**

Pump performance	Flow rate	l/h	Thick walled pipe				Thin walled pipe		
			DN	Ø	Max. pump output	Max. flow rate	Ø	Max. pump output	Max. flow rate
10%	20 l/min	1200 l/h	DN 25	1 "	10%	20 l/min	35 x 1,5	25%	31 l/min
15%	23 l/min	1380 l/h	DN 32	1 1/4 "	40%	43 l/min	35 x 1,5	25%	31 l/min
20%	27 l/min	1620 l/h	DN 32	1 1/4 "	40%	43 l/min	35 x 1,5	25%	31 l/min
25%	31 l/min	1860 l/h	DN 32	1 1/4 "	40%	43 l/min	35 x 1,5	25%	31 l/min
30%	35 l/min	2100 l/h	DN 32	1 1/4 "	40%	43 l/min	42 x 1,5	60%	58 l/min
35%	39 l/min	2340 l/h	DN 32	1 1/4 "	40%	43 l/min	42 x 1,5	60%	58 l/min
40%	43 l/min	2580 l/h	DN 32	1 1/4 "	40%	43 l/min	42 x 1,5	60%	58 l/min
45%	47 l/min	2820 l/h	DN 40	1 1/2"	70%	66 l/min	42 x 1,5	60%	58 l/min
50%	51 l/min	3060 l/h	DN 40	1 1/2"	70%	66 l/min	42 x 1,5	60%	58 l/min
55%	55 l/min	3300 l/h	DN 40	1 1/2"	70%	66 l/min	42 x 1,5	60%	58 l/min
60%	58 l/min	3480 l/h	DN 40	1 1/2"	70%	66 l/min	42 x 1,5	60%	58 l/min
65%	62 l/min	3720 l/h	DN 40	1 1/2"	70%	66 l/min	54 x 1,5	100%	85 l/min
70%	66 l/min	3960 l/h	DN 40	1 1/2"	70%	66 l/min	54 x 1,5	100%	85 l/min
75%	70 l/min	4200 l/h	DN 50	2 "	100%	85 l/min	54 x 1,5	100%	85 l/min
80%	74 l/min	4440 l/h	DN 50	2 "	100%	85 l/min	54 x 1,5	100%	85 l/min
85%	78 l/min	4680 l/h	DN 50	2 "	100%	85 l/min	54 x 1,5	100%	85 l/min
90%	80 l/min	4800 l/h	DN 50	2 "	100%	85 l/min	54 x 1,5	100%	85 l/min
95%	83 l/min	4980 l/h	DN 50	2 "	100%	85 l/min	54 x 1,5	100%	85 l/min
100%	85 l/min	5100 l/h	DN 50	2 "	100%	85 l/min	54 x 1,5	100%	85 l/min

**Classification General Data**

<b>Etim Group</b>	Filters/separators
<b>Etim Class</b>	Air-/dirt separator
<b>Product Name</b>	Sideflow Clean Pumped
<b>Brand</b>	FLAMCO
<b>Product Type</b>	SideFlow Clean
<b>Order Code</b>	17015
<b>GTIN</b>	08712874170155

**Attributes**

<b>Separator type</b>	Dirt
<b>Model</b>	Horizontal
<b>Material of connection</b>	Other
<b>Material quality connection</b>	Other
<b>Housing material</b>	Other
<b>Housing material quality</b>	Other
<b>Variable flow direction</b>	No
<b>Suitable for heating</b>	Yes
<b>Suitable for cooling</b>	No
<b>Suitable for solar</b>	Yes
<b>Nominal diameter</b>	1 1/2 inch (40)
<b>Outer pipe diameter</b>	47.8 Millimetre
<b>Connection</b>	Internal thread cylindrical BSPT-Rp (ISO 7-1 / EN 10226-1)
<b>Flange standard</b>	Other
<b>Construction length</b>	490 Millimetre
<b>Article compression class</b>	PN 8
<b>Surface protection</b>	Powder coating
<b>Whirl operating principle</b>	No
<b>Negative pressure operating principle</b>	No
<b>Magnet operating principle</b>	Yes
<b>Thrust operating principle</b>	No
<b>Partial flow principle</b>	Yes
<b>Principle full flow with settling</b>	No
<b>Cleaning possible during operation</b>	Yes
<b>Magnet location</b>	Internal
<b>Flow-through capacity</b>	1.2 - 5 m <sup>3</sup> /h
<b>Suitable for open system</b>	No
<b>Suitable for closed system</b>	Yes
<b>With drain valve</b>	Yes
<b>With dismountable filter</b>	Yes
<b>Filter volume</b>	2 Litre
<b>Filter mesh density</b>	0 Millimetre
<b>Backwash filter</b>	No
<b>With automatic de-aerator</b>	No
<b>With couplers</b>	No
<b>Inlet/outlet offset distance</b>	490 Millimetre
<b>Medium temperature (continuous)</b>	20 - 20 °C
<b>Max. operating pressure</b>	8 Bar
<b>Kvs value</b>	13.7
<b>With insulation</b>	Yes
<b>Heat conduction coefficient insulation material (λ)</b>	0.04 Watt per metre Kelvin
<b>Max. glycol mixture</b>	50 Percentage
<b>With integrated replenishment automat</b>	No

**Find more information online:**[Installation and operating instruction](#)[Quick start guide](#)[Statement of Conformity](#)[Sideflow Clean Pro STEP](#)[Sideflow Clean Pro DWG](#)[Brochure Sideflow Clean / Sideflow Clean Pro \(English\)](#)

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