

## All-in-one side stream filter for sealed heating and cooling systems



### *SideFlow Clean*

#### **Features and Benefits:**

- Magnetic filtration and bag filtration in one
- Quick and easy to install and maintain
- Simple to mount thanks to wall fastening
- With energy-saving insulating jacket
- Handy dosing access point for solid or liquid cleaning agents
- The unit can be mounted for either left hand or right hand applications



## A clean installation every time

As a professional, you want an installation that works optimally in both heating and/or cooling modes. The benefits from using the SideFlow Clean filter system is that magnetite and dirt are trapped so effectively that the installation retains its efficiency and has less chance of malfunctioning prolonging the life of the system.

*The SideFlow Clean is a partial flow filter for continuous cleaning of the system for central heating and cooling installations. Dirt in the system will reduce the installation's performance and cause wear and tear.*

### Highly effective filtration

The SideFlow Clean consists of a compact stainless-steel vessel. The magnet holder has two fixed magnets which produces an optimal magnetic field that is focused inside the vessel and limits unwanted magnetic affects outside it. The magnetic effect is so great that even the smallest magnetic particles are trapped. The vessel has a filter holder for fitting a removable filter bag that can trap solid particles down to 10 microns in size.

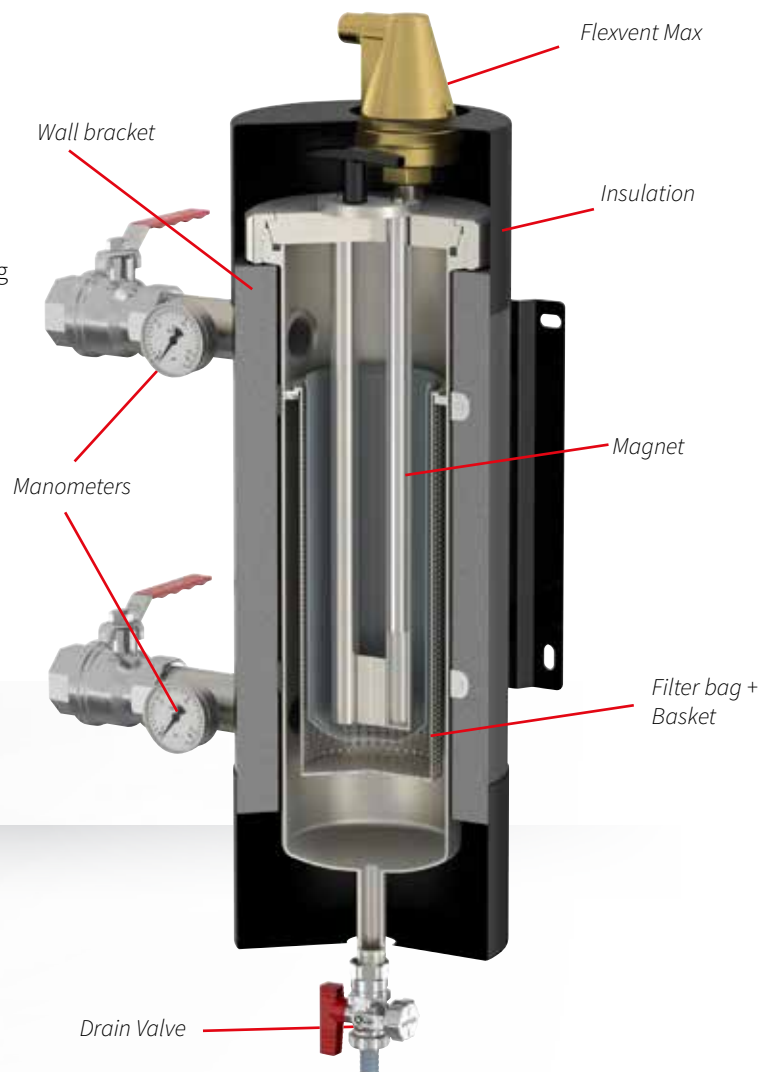
### Energy-saving insulating jacket

The SideFlow Clean is provided with a high quality insulating jacket as standard that ensures heat losses are minimised which guarantees optimal energy efficient operation.

### Continuous partial flow

Connecting a SideFlow Clean to an installation ensures that a proportion (10%) of the main flow is filtered which means dirt and magnetite are captured through a combination of a filter bag and magnetic filtration.

The SideFlow Clean is suitable for installations in the industrial and utilities sectors, has a maximum working pressure of 16 bar, a capacity of up to 120,000 litres and suitable for systems up to 10 megawatts. Thanks to the ease of fitting, the SideFlow Clean can also be easily retrofitted to existing installations.



## Highly efficient filtration



## Quick and easy to install and maintain

The SideFlow Clean is fitted with wall mounting brackets. This makes it easier to access the filter for maintenance purposes. The SideFlow Clean comes as standard with an automatic air vent and a drain valve with a hose connection. The unit is supplied with two pressure gauges as standard for differential pressure monitoring. Any pressure difference between the two gauges serves to indicate the degree of saturation of the filter. When the pressure difference is more than 2 bar it is advised to replace the filterbag.

## Technical specifications:

- Medium: water, plus glycol/dosing solutions
- Max. 50% glycol
- System temperature min / max: -10°C / 100°C
- System pressure min / max: 0.2 / 16.0 bar
- v.min / max: 0.2 / 3.0 m/s
- Flowrate (10% system flow): 1.4l/s
- System size: Max. 120,000L
- Vessel volume: 5L
- Filter bag volume: 1.5L

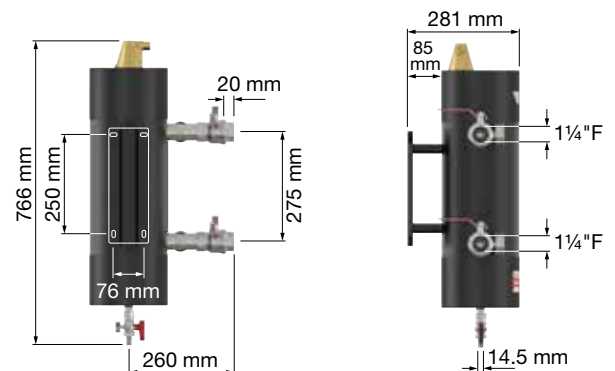
## Article range

Description	Order Code
SideFlow Clean, including: - Filter bag 10 micron (1x) - Filter bag 25 micron (1x) - Filter bag 50 micron (2x) - C-Spanner	17020
<b>Accessories</b>	
Filter bag 10 micron	17031
Filter bag 25 micron	17032
Filter bag 50 micron	17033
C-Spanner	17035

## Easy to clean and dose

The screw-on cap allows you to easily remove both the magnet holder and the filter bag for cleaning or replacement. This makes it possible to add system cleaner, glycol and inhibitor.

The Flamco SideFlow Clean comes with a 5 year warranty and a starter pack of four filters which can be purchased through your preferred distribution partner.



SideFlow Clean



Filter bag



C-Spanner

## Optional installation parts



T-plus

- For the quick and easy creation of branches in existing systems
- With T-plus the system does not need to be depressurised
- Order Code T-plus for steel pipe:  
DN40 = 90640  
DN50 = 90650  
DN65 = 90665  
DN80 = 90680



NexusValve Vivax

- Automatic volumetric flow limiter (PICV - Pressure Independent Control Valve) for hot and cold circuits
- Measurement in Venturi nozzle with fixed Kv value without stabilising sections
- Direct flow rate measurement without entering valve position
- Housing of dezincification resistant brass CW602N
- Measurement connections dezincification resistant Brass CW602N
- Order Code DN32 = MN80597.008



We deliver products for plumbing and heating installers in over 70 countries. The distribution is handled by subsidiaries and wholesalers, who are familiar with the local market and thus can provide you with professional advice anytime.

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filter for sealed cooling  
and heating systems*

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