

**Practical connection  
thanks to the integrated,  
rotatable flange**



## HEATING FILTER HF 3425 COMPACT

# Compact and backwashable: Effective protection against sludge

**The backwashable HF 3425 Compact heating filter with magnetic separation protects and ensures the longevity of heat generators, heating pumps, thermostatic and other valves in the heating installation.**

The heating filter HF 3425 Compact is a valuable backwash filter for the heating system. It comes with a 100 µm filter mesh and collects dirt particles. The dry magnet bar additionally collects all magnetic particles. The new developed construction of the heating filter avoid blocking due to pollution. This ensures a constant water flow in a closed heating circuit.

The flexible use with the 360° turnable connection flange allows a vertical and horizontal installation. The backwash process is a self-cleaning function of the heating filter. Another advantage is the use of backwash during the normal process. Just backwash and refill the water you used for the backwash process.

- 360 ° turnable connection flange for vertical and horizontal installation
- Backwash function with hose connection
- Dry-mounted magnetic bar for collection of magnetite particles
- Connection size DN 25
- Water flow guarantee for closed heating circuits

### Specifications

Max. operating pressure	10 bar
Operating temperature	10 °C to 110 °C
Fluid	heating water
Minimum pressure f. backwashing	1.5 bar
Mounting position	any
Mesh size	100 µm
Flow rate	2.56 m³/h at Δp 0.1 bar 3.20 m³/h at Δp 0.15 bar 3.60 m³/h at Δp 0.18 bar
Kvs-value	8.0
Serial no.	3425.25.000



# Protection against sludge and magnetite: Heating Filter HF 3425 compact



The backwashable heating filter protects the heating system from sludge and ensures the longevity of heat generators, heat pumps, thermostatic valves and other heating system components.

## 360° rotatable flange

## Bypass function

The pressure loss controlled bypass function allows for trouble-free operation of the heating system even in the event of heavy dirt build-up.

## Maintenance

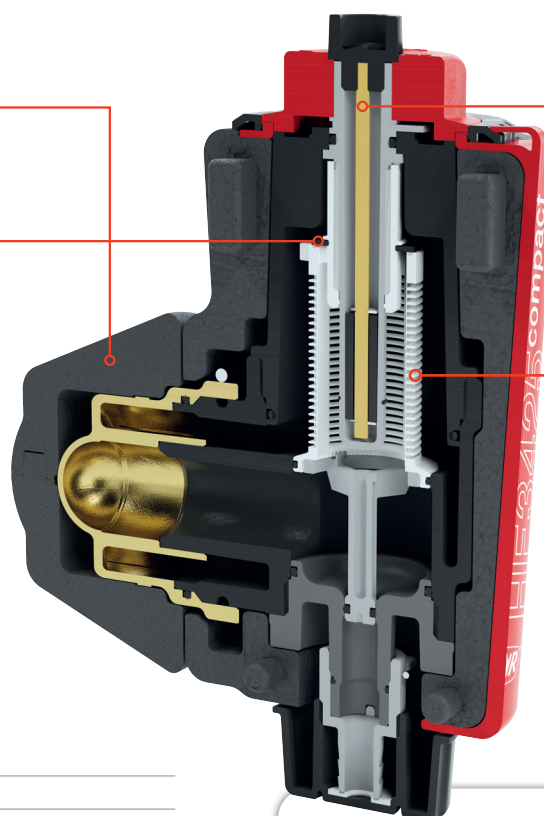
Filter cleaning (backwashing) and magnetic bar cleaning can be performed while the system is running.

## Magnetite separation

The dry-mounted magnetic bar is so powerful at binding the magnetite particles from the heating system that they can no longer return to the circuit via the volume flow. The magnetic bar can be pulled out for maintenance.

## Backwash filter based on the strainer principle

The effective backwash filter mechanically retains particles from the heating water.



## Technical specifications

Max. operating pressure	10 bar
Operating temperature	10 °C to 110 °C
Fluid	heating water
Mesh size	100 µm
Flow rate	2.56 m³/h at Δp 0.1 bar 3.20 m³/h at Δp 0.15 bar 3.60 m³/h at Δp 0.18 bar
Kvs value	8.0
Connection size	DN 25
Order No.	3425.25.000

## Heating Filter HF 3425 compact

- compact design
- easy backwashing during heating system operation
- dry mounted magnetic bar
- mounting with rotatable flange
- bypass function for trouble-free operation of the heating system