

# MAGella SIDE STREAM FILTER

Fully automatic filter unit for cleaning/filtration of heating systems - installation in bypass

## Technical data

Art.-No. MAG-200200

Max. operating pressure	8 bar
Max. flow	5 m <sup>3</sup> /h
Maximum temperature	80 °C
Filtration	≥ 1 µm
Glycol / Water	up to 50/50
Power supply	230 V
Power consumption	160 W
Display size	4.3"
Weight	32 kg
Housing dimensions (H, W, D in mm)	992 x 490 x 405
Width with connections	520 mm
Connection	1 ½" BSP G internal thread
Volume	45 dB
Languages	German, English, French
Ready for connection in an insulated housing	



## MAGella Side Stream Filter

The MAGella Side Stream Filter is a filter unit for the permanent filtration of water using the bypass process in heating systems. The bypass process does not affect the volume flow in the respective system. The device controls the flow rate via the integrated pump.

The Magella Side Stream Filter is used for magnetite separation and for fine filtration of non-magnetic particles from the system water.

If the filter capacity, pressure or temperature is exceeded, an alarm is triggered and the filter unit is immediately switched off.

The MAGella Side Stream is designed for permanent connection to heating systems.

## Including

- Bypass filter for permanent installation
- Magnetite and fine filters
- Magnetic bar with 11 magnetic fields of 12,000 gauss each
- 1µm filtration
- Connection to GLT via potential-free contact and MODBUS RTU interface
- Pump performance adjustable via control in steps of 5% each (Setting range 10% - 100%)
- Fully automatic control of filtration

## Your benefits

- ✓ Alarm and automatic shutdown when the set parameters are exceeded/not reached
- ✓ Automatic shutdown when filter is full
- ✓ Powerful magnetite separator
- ✓ Pump-controlled bypass filtration
- ✓ Documentation of the filtration quantity
- ✓ Remote access via GLT: change settings, view statistics, select operating modes
- ✓ User-defined time control (normal & continuous operation)



# MAGella SIDE STREAM FILTER

Fully automatic filter unit for cleaning/filtration of heating systems - installation using the bypass method

The Side Stream Filter is one of the most powerful magnetite and dirt filters on the market.

## Main advantages

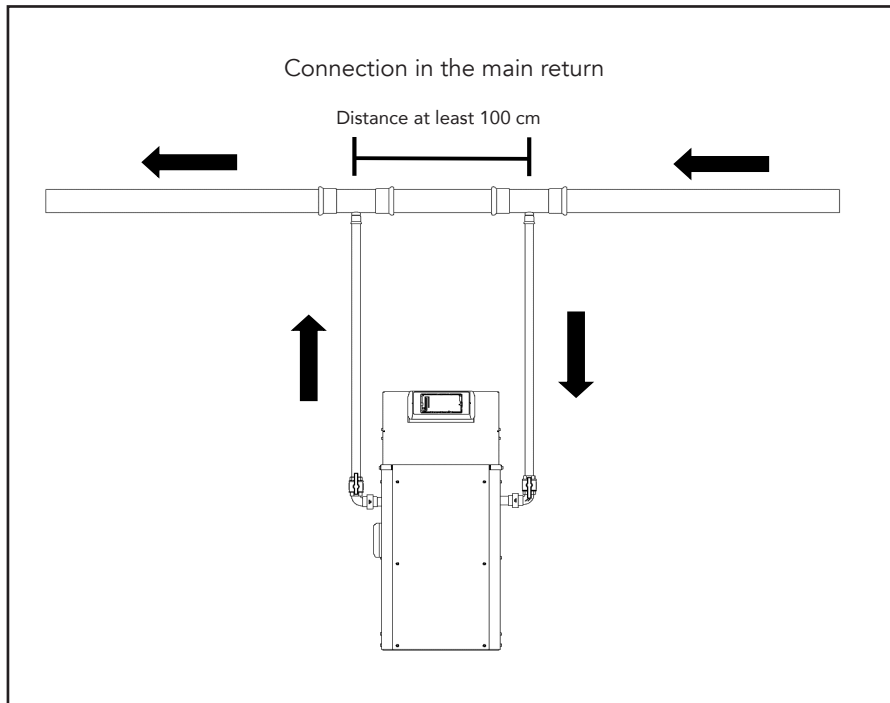
- ✓ Can filter up to 5,000 liters of system water per hour
- ✓ Modbus RTU communication, which allows to see all operating statistics with one click.
- ✓ Automatic shutdown: The side stream filter switches off automatically when the filter is full.



# MAGella SIDE STREAM FILTER

Fully automatic filter unit for cleaning/filtration of heating systems - installation in bypass

Connection diagram bypass method



Dimensional drawings

