

MAGELLA® TWISTER5 AND 10

Unique dual filters with maximum separation capacity, especially for very small particles

New!



MAGella® twister5 and 10

The dual filters in the MAGella twister series are unique, highly efficient system filters for magnetic and non-magnetic contaminants in heating systems. They include an absolute fine filter down to 1 µ and one of the most powerful magnetite filters on the market. With its magnetraw of 11 x 12,000 gauss, the MAGella twister10 is the most powerful compact filter in the world. This is because the specified magnetic field strength acts on the outside of the magnet, unlike many other filters where the magnetic flux strength is specified in the center of the magnet. The fine filter with pressure spring removes even the finest dirt particles from the heating system. With a flow rate of 5 or 10 m³/h, it is also ideal for use in very large heating systems. The twister insert permanently distributes the volume flow and provides a retaining barrier for heavy magnetite particles. The stainless steel housing provides additional shielding against the high magnetic flux strength.

Technical data

MAGella® twister5 and 10

MAGella® twister5 und 10	twister5	twister10
Art. no.	MAG-100100	MAG-100101
High-gloss filter housing made of V4A stainless steel	Stainless steel V4A	
Filter basket with seal to increase fine filtration	✓	
Pressure spring to increase fine filtration	D2	
Max. flow rate	5m³/h	10 m³/h
Magnetic field strength (Gauss)	6x12,000	11x12,000
Barriers (included in the scope of delivery)	2x 1 1/2"	
Connections	1 1/2"	
KFE drain valve (included in the scope of delivery)	1/2"	
Brackets for filters (included in the scope of delivery)	✓	
Vent shut-off with hose	1/4"	
Max. temperature	80°C	
Max. operating pressure	10 bar	

Advantages for your customers:

Every heating system contains circulating impurities that lead to wear and premature defects in pumps, valves and heat exchangers. With our MAGella Twister filters, you can protect your customers' systems, increase their service life and reduce maintenance and heating costs. CO2 emissions are also reduced.

Your advantages

- ✓ Tool-free opening and cleaning of just one filter
- ✓ Magnetraw with 11 x 12,000 gauss (twister10) or 6 x 12,000 gauss (twister5) thickness
- ✓ Twister insert for volume flow control with retaining barrier
- ✓ Absolute fine filter 1µm (0.001mm) with 90% separation capacity
- ✓ Sludge filtration (wet dirt)
- ✓ High-performance dual filter - predestined for large systems
- ✓ Delivery ready for installation
- ✓ Very high flow rate

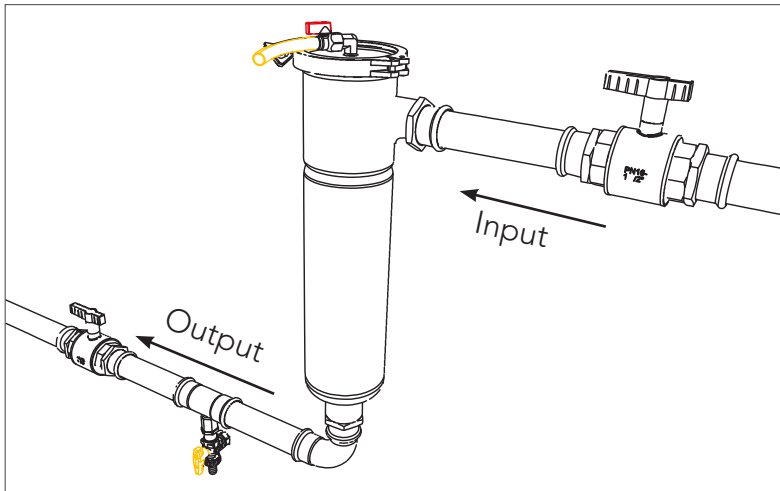


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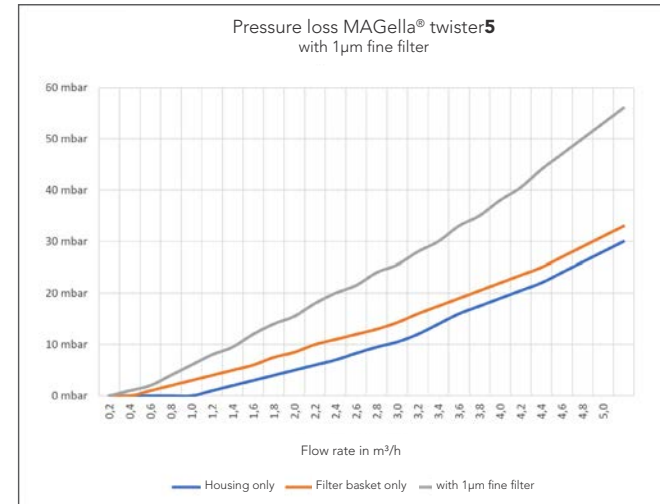
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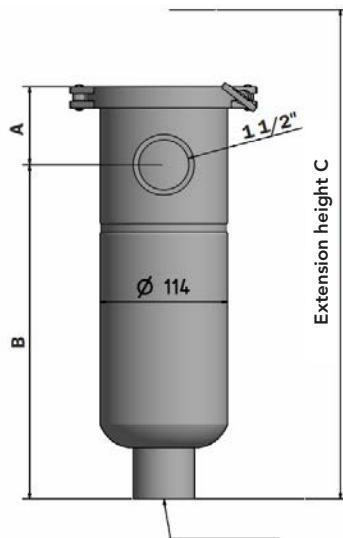
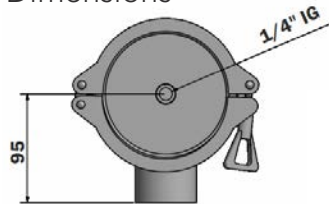
Tip: Ideally, you should install the MAGella® twister in the return flow according to the following scheme:



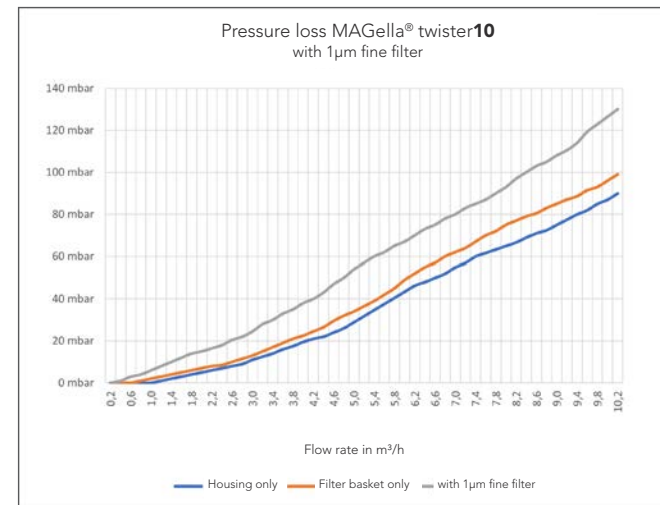
Graphical representation of the pressure loss:



Dimensions



MAGella®	twister 5	twister 10
A (mm)	70	70
B (mm)	295	450
C (mm)	590	900



The higher the degree of soiling in the system, the greater the pressure loss. The diagram is based on a clean, new filter insert.

