



Deaerates and cleans
the system fluid

Reduces operating costs

Increases energy efficiency
in heating and cooling
systems

TTM MAG 160 MA

Magnetite, air and dirt separator

TTM MAG 160 MA is a magnetite, air and dirt separator with a patented insert that effectively separates magnetic and non-magnetic particles and dirt from the system fluid. The separator is also equipped with automatic deaeration that removes free air and microbubbles from the system fluid.

Dimensions: Int. thread 1¼" – 2"

Pressure class: PN10

Media temp.: 0 – +110°C

Material: CB753S brass

Filter cassette material: PA6

Connection: internal thread

Conductivity insulation: 0,05 W/mK

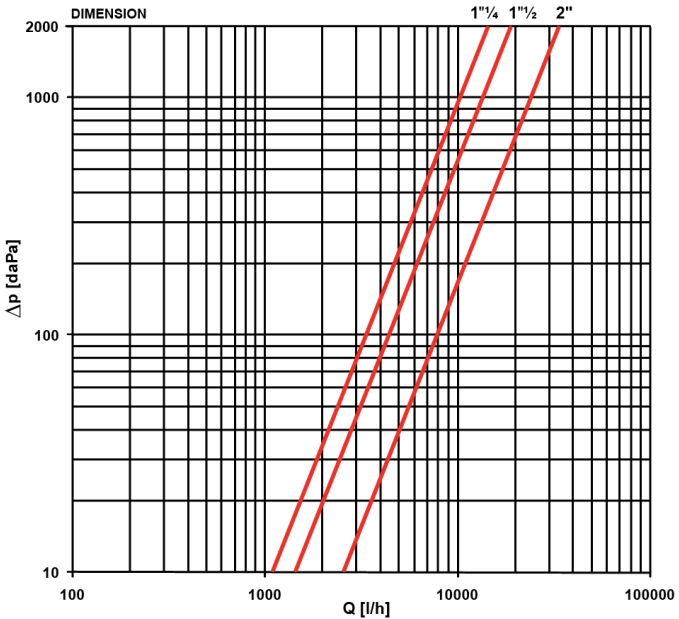
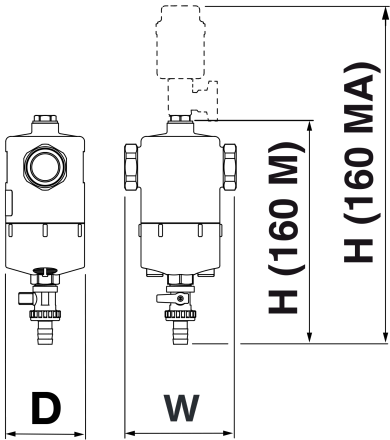
Filter cassette material: PA6

Permitted fluids: Water and deionised water,
Propylene-/ethylene glycol max 50 vol% Ethanol less
than 30 vol% Brine Temper T10, T20, T30, T40
Kilfrosts GEO max 35 vol% Calcium chloride max 25%

Application

TTM MAG 160 MA can for example be installed in heating and cooling systems upstream of vital equipment such as boilers, cooling units, heat exchangers, etc.

Model	MAG 160 MA 32		MAG 160 MA 40	MAG 160 MA 50
Article number	515456		515463	520986
Connection dimension	G 1¼" inv.		G 1½" inv	G 2" inv
Dims. (WxHxD) mm	119 × 384 × 77		119 × 384 × 77	126 × 385 × 81
Temperature (°C)	0 – +110°C			
Max flow (m/s)	1,4			
Max flow (m3/h)	5,5		7,4	9,9
Material (housing)	Brass			
Pressure class (PN)	PN10			

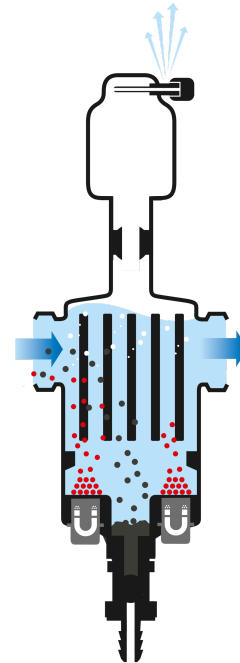
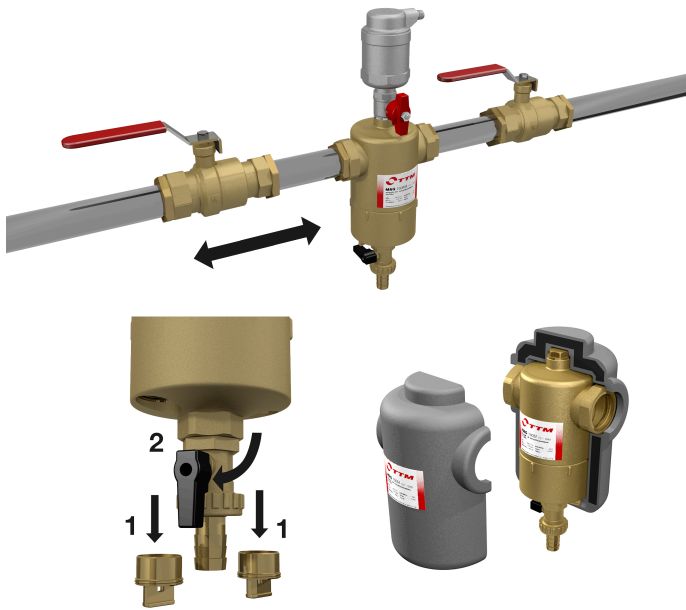


The magnetite and dirt separator TTM MAG 160 effectively removes particles (magnetic and non-magnetic) and dirt from the system fluid in heating and cooling systems. Particles and dirt are separated from the system fluid by being slowed down by a filter cassette, which effectively captures particles and directs them into a particle trap. The magnetite is captured by means of two powerful magnetic inserts located at the bottom of the housing.

TTM MAG 160 can only be connected horizontally, independent of flow direction.

TTM MAG 160 is easily cleaned by removing the magnetic inserts (1) and opening the drain valve at the bottom (2).

TTM MAG 160 can be supplied with an insulating enclosure that is effectively held together with hook-and-loop fastener.



Variants

MAG 160 MA

MAG 160 MA 32

G 1¼" internal thread. Insulating enclosure available as accessory.

Article number: 515456

MAG 160 MA 40

G 1½" internal thread. Insulating enclosure available as accessory.

Article number: 515463

MAG 160 MA 50

G 2" internal thread. Insulating enclosure available as accessory.

Article number: 520986

Options

MAG 160 MA

Insulation MAG 160 M/MA 32 & 40

Insulating enclosure effectively held together with Velcro. Fits with G 1¼" and G 1½".

Article number: 517108

Insulation MAG 160 M/MA 50

Insulating enclosure effectively held together with Velcro. Fits G 2".

Article number: 520993