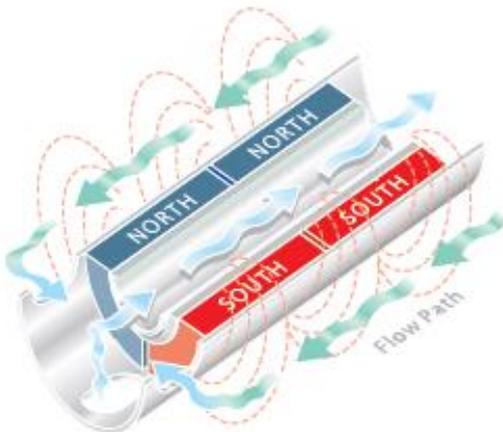


Benefits of Micromag are:

- Sub-micron filtration
- No loss of fluid due to changing oil sodden cartridges
- No pressure drops across the filter unit
- No consumables required
- No maintenance
- Reduced environmental impact
- Reduced downtime

MM10 Weights and Dims: 4.789KG - 470MM x 240MM x 205MM

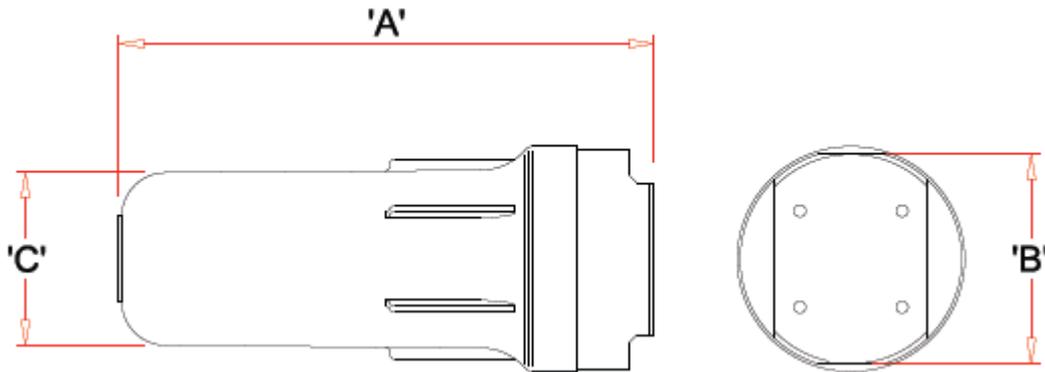
Magnetic circuit & fluid flow path.



The patented, compact Micromag magnetic filter can benefit many different industries. Contaminated fluid enters the inlet port where it is dispersed by the unique tapered radial flow channels. Fluid passes down the outside of the centrally mounted rare earth magnetic core which captures contamination particles along its length, resulting in excellent filtration efficiency.



Technical Specification



Product number	Flow rate ltrs/min.	Contamination capacity kgs	Max. operating pressure bar	Connection " BSP	Temperature range °C	Weight kgs	Construction	Dimensions mm		
								A	B	C
MM5	70	0.9	12	1	5 – 50	3.15	SAN housing, Aluminum lid	190	105	95
MM10	100	2	12	1	5 – 50	5.2		315	125	100
MM20	150	4	12	1½	5 – 50	9.7		605	135	100

The geometry of the magnetic flux circuit means that contamination builds up in a controlled way, ensuring that the filter can never block, irrespective of how much contamination is held. Channels remain open allowing fluid to continue to flow freely.

Cleaning

Using the supplied cleaning tool, a fully contaminated core can be cleaned in under 30 seconds. Only metallic particles are removed from the filter, and these can be easily disposed. There are no dirty cartridges!

Performance

Maximum Pressure - 12 Bar

Magnetic Performance - High intensity

Circuit Design - Open

Magnetic Material - Rare earth neodymium iron boron

Magnet Grade - N45 (Inspected & confirmed via hystergaph prior to use)

Temperature - 5°– 50°C



Installation Location

Pre- or post-pump, delivery line or pre-membrane cartridge.

