

Characteristics

- A simple inline design with highly efficient flow dynamic minimizing pressure drop.
- Standard SAE-12 fittings SAE-10
- Built from Aluminum Alloy or Stainless Steel
- Small and efficient system protection
- Bi-directional
- Two core in-line unit
- Max. operating temperature 302° F (150 ° C)
Aluminum: 3,000 psi (200 bar)
Stainless: 6,000 psi (414 bar)
- Burst pressure
Aluminum: 16,000psi (1103 bar)
Stainless: 1655 bar (24,000psi)

Applications

- Hydraulics
- Engine Protection
- Lubrication Oils
- Fuel
- Transmissions
- Ideal for critical component protection in smaller transmissions, lines and hydraulic systems including auto-motive diesel.

Magnom filters can be used for various types of liquids (water, tar, oils, lubricants, coolants, cutting, fuel, hydraulic fluids and transmission), and working conditions characterized by different pressure, viscosity, temperature and flow rate.

Magnom CP

Bi-directional magnetic in-line filters for plant liquids, gases and greases

Built from Aluminum Alloy or Stainless Steel, the Circuit Protection Unit CP is a small 2 core Magnom™ in-line unit.

The CP has a very high pressure capability making it highly suitable for a variety of industrial and hydraulic applications. In particular it is designed to protect key components, such as pumps and valves in fluid circuits.

Magnom™ magnetic filters excel at extracting abrasive ferrous particles from fluid systems - thus removing the major cause of wear, performance drop, system failure or product damage

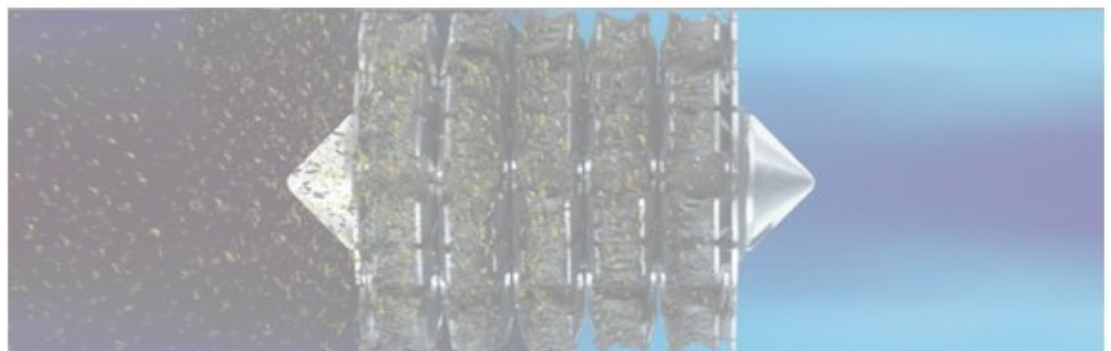


Why use a Magnom technology Magnetic Filters to eradicate microscopic ferrous particles?

Microscopic ferrous particles damage industrial fluid systems & degrade finished products. **Magnetic Filters** are the solution to ferrous contamination of industrial fluids.

Microscopic ferrous particles tend to be the hardest material found in industrial fluids, water or gas systems. In turn, they cause wear on softer materials in the system and this causes a chain reaction that results in larger non ferrous wear particles .

By eliminating the microscopic ferrous particles, the primary cause of all subsequent wear is removed and therefore system cleanliness is greatly increased.



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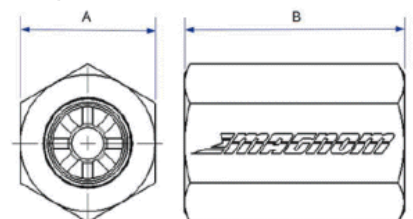
Magnom™ core elements are comprised of an annular magnet and two innovatively formed steel plates. The steel plates direct the lubricant flow and magnetic flux through channels designed to bring all the ferrous contaminants in the lubricant within the range of the magnets.

The plates also multiply the force of the magnet increasing dramatically the capturing force of the core. Finally, the plates create a “collection zone” out of the normal flow path of the lubricant, preventing re-introduction of the contaminants into the flow stream.

TECHNICAL CHARACTERISTICS	
MOUNTING METHOD	In-line
FLOW DIRECTION	Bi-directional
CONSTRUCTION MATERIALS	
Housing	Stainless Steel or Aluminum Alloy
Mandrel	Aluminum Alloy
Flux Plate	Mild Steel
Magnet	Samarium Cobalt (SmCo)
FLUID COMPATIBILITY	Compatible with a wide range of mobile hydraulic and lubricating fluids, petroleum oils, synthetic fluids, water-glycols, water emulsions.
MAX. OPERATING TEMP.	302° F (150 °C)
PORT SIZE	SAE- 12 Standard – SAE - 10



Stop the Chain Reaction of Wear!



Order Information

INFORMATION ON WEIGHT AND DIMENSIONS						
PART NUMBER	WEIGHT	(A) mm	(B) mm	MATERIAL	BURST PRESSURE	MAX. OPERATING PRESSURE
1525195	5.6 oz (160 g)	33	65	CP-10 Aluminium	16,000 psi (1103 bar)	3000 psi (207 bar)
1525197	14.5 oz (410 g)	33	65	CP-10 Stainless Steel	24,000 psi (1655 bar)	6000 psi (414 bar)
1525196	16 oz (454 g)	44.5	72	CP-12 Aluminium	16,000 psi (1103 bar)	3000 psi (207 bar)
1525198	24 oz (681 g)	44.5	72	CP-12 Stainless Steel	24,000 psi (1655 bar)	6000psi (414 bar)