



CLEAN OIL
BRIGHT IDEAS

Magnetic Pre-Filter

for CJC™ Fine Filters and Filter Separators

CJC™ Product Sheet - Accessories

GENERAL DESCRIPTION

The CJC™ Magnetic Pre-Filter removes ferrous particles of less than one micron from a variety of fluids. This includes the smallest and most abrasive particles, responsible for the destructive chain reaction of wear in many processes.

Unlike conventional fluid conditioning components, the CJC™ Magnetic Pre-Filter produces minimal pressure drop in the fluid. It has no moving parts. The CJC™ Magnetic Pre-Filter is easily installed in a wide variety of applications - either as part of new systems or as a replacement to enhance existing processes.

To avoid unintended break down caused by abrasive ferrous wear, it is advisable to install a CJC™ Magnetic Pre-Filter on the suction side of a pump.



The CJC™ Magnetic Pre-Filter

THE PROCESS

The CJC™ Magnetic Pre-Filter has wide flow channels that allow the process fluid to pass with minimal pressure drop.

As the fluid flows through the CJC™ Magnetic Pre-Filter's field effect areas, ferrous contaminants are drawn into the special collection zones. These zones hold significantly more contaminant than a conventional magnetic filter – without obstructing fluid flow or risking "wash-off".

The CJC™ Magnetic Pre-Filter can operate for very long periods without service. When contaminants need to be removed, it is advisable to replace the magnetic insert.

APPLICATION

- Lubrication systems
- Gearboxes
- Hydraulic systems
- Cutting oil systems
- Coolants systems

IDENTIFICATION

To order the CJC™ Magnetic Pre-Filter, please use:

Article No:

- Magnetic Pre-Filter FB5301801
- Spare Part Kit for
Magnetic Prefilter FD35347

TECHNICAL DATA

		Magnetic Pre-Filter
Connection size		3/4" BSP
House material		Stainless steel (AISI304)
Magnets		Ferrite C5/C8
O-Ring		NBR / Viton / EPDM
Flow range, max.	L/gal/hour	600 / 160
Dirt holding capacity	g/oz	110 / 40
Design pressure	bar/psi	4 / 58
Design temp.	°C / °F	-30 - 150 / -22 - 300
Dimensions		Ø70 x 90 mm
Weight	kg/lbs	1.0 / 2.2