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Item # K720, Mefiag® Series MKF Pleated Filtration Systems

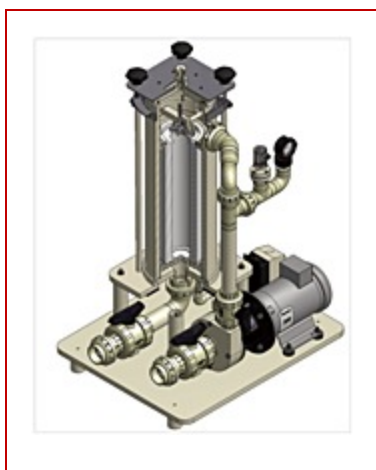
Our CECO Mefiag brand solid Pleated Polypropylene Filter combines high volume filtration with high performance pleated element for greater dirt holding capacity.

- Solid polypropylene construction.
- Designed for high flows (4600 gph) with small footprint.
- Single 6" O.D. cartridge for ease of change out.
- 27 sq ft of surface area.

The MEFIAG® Advantage

MEFIAG® is recognized throughout the world as the leading supplier of high efficiency, high quality, filters for superior performance. Series MKF is a

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[Specifications](#) | [Features and Benefits](#) | [Filter](#) | [Sealed Housed Filter Element](#)

Specifications

Flow Rate (Filtering Capacity) 4500 gph

Filtration Surface Area 27 ft²

Filter Media	(1) 6" Ø x 20" L PP Pleated Element - #42510020
Approximate Length	31.5 "
Approximate Width	25.6 "
Approximate Height	45.5 "
Approximate (Crated) Net Weight	400 lbs
Connections (Suction and Discharge)	See Drawing
TEFC Motor	3 hp
Hose Barbs InletØ	2-1/2 "
Hose Barbs OutletØ	2 "
Threaded InletØ	2 "
Threaded OutletØ	1-1/2 "
Flanged InletØ	2 "
Flanged OutletØ	1-1/2 "
High Performance Pleated Element	<ul style="list-style-type: none"> • Solids are contained within the filter element • 100 pure polypropylene • 10 micron standard • 27 square feet of filtration area • Greater dirt holding capacity • Inside-out flow
Pump	Model CRS polypropylene centrifugal pump is equipped with TEFC flanged mounted motor. Mechanical seal is Mefiag CRS-25B with silicon carbide faces. Pump shaft is stainless steel with other shafts available.
Optional Magnetic Drive Pump	Optional polypropylene magnetic drive pump Model PM is furnished with 3HP TEFC motor. High purity silicon carbide bearings and viton o-rings are standard. Self-priming Model PMSP pump is also available.

Motor Starter

The motor starter is mounted in corrosion resistant water tight NEMA 4X enclosure.

Piping, Valves and Connections

Piping, valves, and connections are all hard pipe PP.

Scope of Supply

- Filter chamber (Polypropylene) 6"Ø pleated filter = 27 sq. ft. of surface area
- Mefiag CRS-110-PP mechanical seal pump with 3 HP 3500 RPM motor and silicon carbide seal standard
- Lot of PP plumbing and valves (does not include plumbing to and from filter system). Chamber bleed-off and drain to have hose barb fittings
- Polypropylene base plate with feet
- NEMA 4X motor starter
- Pressure gauge

Note¹

For inlet and outlet connections, reference the dimensions

Manufacturer

Mefiag

Features and Benefits**Features and Benefits**

- Solid PP construction
- Compact Design
- Small footprint
- Single 6"Ø cartridge flow capacity to 4500 GPH
- Easy change out (takes only minutes to change out element)
- Greater surface area
- Solid PP mechanical seal pump with silicon carbide seal
- High efficiency
- Easy maintenance procedures
- Low pressure drop
- Shipped for immediate operation

Filter

Filter

The filter chamber is constructed of solid PP.

Stainless steel bolts with hand wheels hold the solid polypropylene cover in place. An air release diaphragm valve is provided.

A stainless steel pressure gauge (0-60 PSI) is supplied with a corrosion resistant guard.

Base is PP with stainless steel channel support structure and PP feet. Casters are available upon request.

Sealed Housed Filter Element**Sealed Housed Filter Element**

Exclusive Mefiag sealed housed filter element chamber system is constructed from solid polypropylene. System ensures that 100% of the solution from the process tank goes to the center of the filter element to eliminate bypass.