

Model  
K720  
Pleated  
Filter  
System

## 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 design that incorporates the best that MEFIAG has to offer including solid PP construction.

## 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

## MK Series High Performance Pleated Filter Cartridge

Designed for applications where high flow rate and precise particle removal rating is required.

- ✓ 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



MK Series  
Pleated Filter  
Cartridge

# Specifications

## Filter

The filter chamber is constructed of solid PP.

Stainless steel bolts with handwheels 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 House Filter Chamber

Exclusive Mefiag sealed house filter 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.

## 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 3 HP TEFC motor. High purity silicon carbide bearings and viton o-rings are standard. Self-priming Model PMSP pump is also available.

## Motor Starter

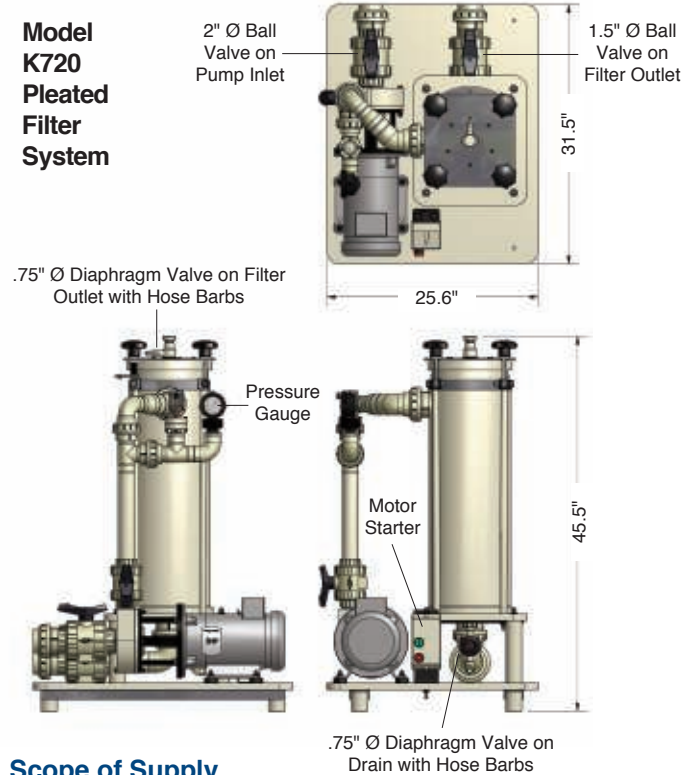
The motor starter is mounted in corrosion resistant water tight NEMA 4X enclosure.

## Piping, Valves and Connections

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

Parameter	Model K720
Flow Rate (GPH) (Filtering Capacity)	4500
Filtration Surface Area (Ft <sup>2</sup> )	27
Filter Media	(1) 6"Ø x 20" L PP Pleated Element
Approx. Dimensions (In)	32Lx26Wx46H
Approx. (Crated) Net Weight (Lbs)	400
Connections (Suction and Discharge)	See Drawing
Motor*	3 HP TEFC

## Model K720 Pleated Filter System



## Scope of Supply

- (1) Filter chamber (Polypropylene)  
6"Ø pleated filter = 27 sq. ft. of surface area
- (1) Mefiag CRS-110-PP mechanical seal pump with 3 HP 3500 RPM motor and silicon carbide seal standard
- (1) 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

★ NOTE: For inlet and outlet connections, reference the dimensions below

	InletØ	OutletØ
Hosebarbs	2-1/2"	2"
Threaded	2"	1-1/2"
Flanged	2"	1-1/2"

- (1) Polypropylene baseplate with feet
- (1) NEMA 4X motor starter
- (1) Pressure gauge

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