

CECO Mefiag

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BULLETIN PL SERIES PL6 PLEATED FILTRATION SYSTEMS

CORROSION RESISTANT
SOLID PP CONSTRUCTION



Model PL6-CRS
(showing 6"Ø
Pleated Element)



**100% Sealed
Housing For "High
Performance 6"Ø
Pleated Filter"**

The MEFIAG® Advantage

MEFIAG® is recognized throughout the world as the leading supplier of high efficiency, high quality, filters for superior performance. Series PL 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 6500 GPH
- ✓ Easy change out (takes only minutes to change out element)
- ✓ Greater surface area (up to 20 times more than a conventional bag filter system)
- ✓ Solid PP mechanical seal pump with silicon carbide seal
- ✓ High efficiency
- ✓ Easy maintenance procedures
- ✓ Low pressure drop
- ✓ Shipped for immediate operation

High Performance Pleated Element

- ✓ Solids are contained within the filter element
- ✓ 100% pure polypropylene
- ✓ 10 micron standard; 3 and 20 micron available
- ✓ 90 square feet of filtration area
- ✓ Greater dirt holding capacity

Specifications

Filter

The filter chamber is constructed of solid PP with bottom inlet and bottom discharge.

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 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. Sealed housed filter element chamber system consists of a solid PP filter element chamber, solid PP cover with EPDM o-rings, and solid PP diffusion discharge plate.

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 5HP TEFC motor. High purity silicon carbide bearings and viton o-rings are standard. Self-priming Model PMSP pump is also available.

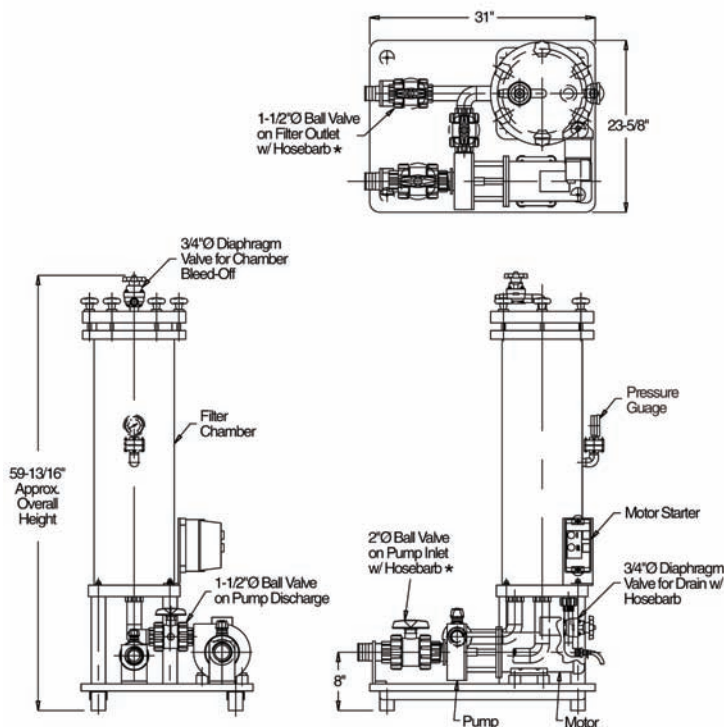
Motor Starter

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 PL6-CRS
Flow Rate (GPH) (Filtering Capacity)	6500
Filtration Surface Area (Ft ²)	90
Filter Media	(1) 6"Ø x 29" L PP Pleated Element
Approx. Dimensions (In)	31Lx24Wx60H
Approx. (Crated) Net Weight (Lbs)	400
Connections (Suction and Discharge)	See Drawing
Motor*	3 HP TEFC



Scope of Supply

- (1) Filter chamber (Polypropylene)
6"Ø pleated filter = 90 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

Represented by:

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