



# FilClean™ DM (Dome)

High Flow Filter Housings and Elements

## INDUSTRIAL FILTER HOUSINGS AND ELEMENTS!

The MSC FilClean DM (Dome) filter housings and elements are available in a variety of sizes, media types and micron ratings. They provide affordable high dirt loading, high efficiency filtration designed but not limited to the removal of contaminants from fluids such as:

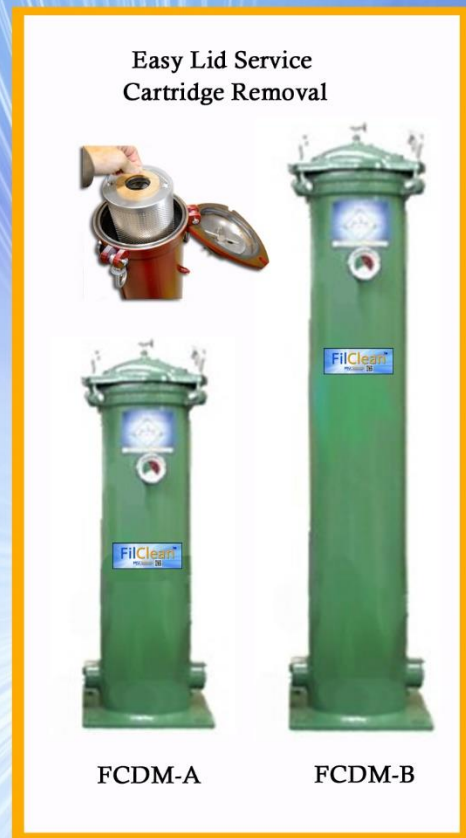
- \* Water Soluble Coolants
- \* Grinding Oils
- \* Cutting Oils
- \* Hydraulic and Lube Oils
- \* Quench Oils
- \* Fuels
- \* Solvents
- \* Dielectric Oils
- \* Glycol Based Heat Transfer Fluids

## ENGINEERED WITH FLEXIBILITY IN MIND!

Dome Filter Housings can be supplied with the following filter types and media depending on your industry and application.

- \* Dual-Phase Microglass (Lube & Hydraulics)
- \* Stainless Steel Mesh (Lube and Hydraulics)
- \* Pleated Paper (Industrial)
- \* Synthetic & Microglass (Industrial & Lube & Hydraulics)
- \* Oil Absorbent Media (Industrial)
- \* Fullers Earth (Industrial)
- \* Water Absorbent Media (Industrial)

Please contact MSC today to speak to our technical support staff in regards to choosing the correct filter type for your application.



### Dimensions



### Features and Benefits:

- Painted Carbon Steel Construction
- Easy To Open Swing Bolt Closures
- Lid Service Filter Removal - Minimum Spillage
- Low Fluid Hold Up
- High Flow: Up to 50 gpm (based on water)
- 150 Psig @ 350 F Design
- Custom Paint Schemes Available For OEM's



### DOMES HOUSING ORDERING INFORMATION (Available also in a variety of skid mounted designs)

FCDM -

TABLE 1

Length

TABLE 2

Oring

TABLE 3



#### Table 1: Length

A	Takes qty 1 18" Long Dome Element
B	Takes (qty 2) 18" Stacked or (qty) 1 36" Element

#### Table 2: Oring

B	Buna
V	Viton

#### Table 3: Material

Blank	Carbon Steel
SS	304 Stainless

### FILTER ELEMENT ORDERING INFORMATION

FCPL7 -

TABLE 1

Media

TABLE 2

Micron

TABLE 3

Gasket

TABLE 4

Length

Table 5

Hardware



18"



36"



Easy Pull Handle Standard

#### Table 1: Filter Media

PP	Pleated Paper (Phenolic Impregnated Cellulose)
GF	Glass Fiber (Dual Phase Microglass)
SM	Metal Mesh (304 Stainless Steel)
OA	Oil Absorbing Media
WA	Water Absorbing Media

#### Table 2: Micron (correspond to filter media on left)

.5, 3, 5, 10, 20, 30 (Nominal)
2.5, 3, 6, 12, 25 (99.9% Efficient Beta 1000)
25, 40, 60, 74, 100, 149 (98% Efficient Beta 75)
7 (Nominal)
5 (Nominal)

#### Table 3: Gasket

BN	Buna
V	Viton
F	Fiber (Cellulose)

#### Table 4: Length

18	18" Can be stacked.
36	36"

#### Table 5: Hardware

Blank	Carbon Steel
SS	Stainless

Housing Max Pressure

Housing Material

Housing Max Flow:

Element Collapse Pressures:

Element Changeout Pressure:

Element Max Operating Temp

Element Sealing Material

Element Hardware Material:

#### Dome Specifications

150 psig @ 350 F

Carbon Steel

50 GPM (Based on Water)

100 psid - GF & PP

75 psid - OA

25 psid - GF & PP

15 psid - OA

250 F - GF & PP

225 F - OA

Epoxy @ Polyurethane Adhesive

Electro Tin Plated Carbon Steel (Standard)

Stainless Steel Optional

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