



# FilClean™ DMS (Dome Skid)

High Solids Loading Fluid  
Fine Fluid Filtering and Transfer System

## DISPOSABLE FILTER CARTRIDGE SYSTEM

The FilClean DM (Dome) filter system is a high dirt loading affordable filtration system designed to remove contaminants from industrial 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

## SIMPLICITY, RELIABILITY AND FLEXIBILITY

The FilClean DM filtration system can be provided with a variety of filter cartridges and filter medias depending on application.

It can also be assembled into a multitude of configurations and flow rates including simplex, duplex and multiplex housings and can be supplied with or without a variety of fluid pumps and controls. MSC is happy to discuss special customer requirements and can handle and engineer almost every request.

Each Dome Filter Housing depending on size takes either one 18" filter element, two 18" stacked filters, or one single 36" long filter depending on the head space available for removal.



FCDMS-B2NANACP

FCDMS-B115CACP



FilClean DMS portable cart with optional cleanable magnetic prefilter



36" ELEMENT

18" STACKABLE ELEMENT

Portable Filter Cart

## Features and Benefits:

- Painted Carbon Steel Construction
- Easy To Open Swing Bolt Closures
- Lid Service Filter Removal - Minimum Spillage
- Low Fluid Hold Up - Less Waste
- High Dirt Loading Filter Elements
- 150 Psig @ 350 F Design
- Many Configurations Available
- Optional Cleanable Magnetic Prefilter



FCDMS - TABLE 1 - TABLE 2 - TABLE 3 - TABLE 4 - TABLE 5 - TABLE 6 - TABLE 7  
 Length #Housings Pump Flow Voltage Mounting Elastomer Cleanable Magnet

### Table 1: Filter Housing Size

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

Filter Elements Specified and Sold Separately

### Table 2: Number of Housings

1	One Housing
2	Two Housings Parallel
3	Three Housings Parallel

Larger sizes available check with MSC

### Table 3: Fluid Pump Flow

NA	No Pump Supplied
6	6 GPM S or G Version Single Phase Only
9	9 GPM S or G Version Single Phase Only
15	15 GPM T or T1 3 Phase Only

Other flows available check with MSC

### Table 4: Service

NA	No Pump Supplied
CA	Compressed Air - Air Diaphragm Pump Only
S	Single Phase 110V or 230V/60HZ
G	230 Single Phase /50 HZ
T	Three Phase 480V No Electric Interlock/On Off
T1	Three Phase 480V With Electric Interlock/On/Off

Other voltages available check with MSC

### Table 5: Mounting

CP	Portable Cart
CS	Stationary

### Table 6: Pump/Filter Elastomer

Blank	Buna Standard
V	Viton

### Table 7: Cleanable Magnet

Blank	No Cleanable Magnetic Prefilter
M1.54	6.6 LB Capacity 4K gauss magnet
M1.511	6.6 LB Capacity 11K gauss magnet
M24	13.2 LB Capacity 4K gauss magnet
M211	13.2 LB Capacity 11K gauss magnet



FCDMS-A-1-6-T1-CS-M1.54



OPTIONAL CLEANABLE MAGNET



FCDMS-B-1-15-T-CP



FCDMS-B-1-6-S-CS



FCDMS-B-1-15-CA-CP



FCDMS-B-2-15-T-CS



FCDMS-B-3-25-T-CS



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