



Gear Boxes

Hydraulic Systems

Lube Oil Systems

# FilClean™ HCS

Compact, Versatile, High Capacity, High Efficiency,  
Durable Oil Filtration at the Tip of Your Fingers!

## One Compact Simple Filtration System For The Whole Plant!

- Handcarry Portable Oil Filtration
- Transfer, Top Off and Filter Oil
- Portable or Permanent Installation
- Filter Gear Box Reservoirs
- Filter Hydraulic Systems
- Filter Lube Oil System
- ISO 4406 Cleanliness Code 16/14/12 or less
- Multiple Applications equals consistent Spare Parts between each FilClean HCS
- Nema 4, Hazardous Duty and Air Driven Options



Install As A Permanent  
Kidney Loop!



P Portable Option  
with Telescoping Pull  
Handle and Wheels



Available in Air Driven  
and Customizable Colors



Take It Almost Anywhere!



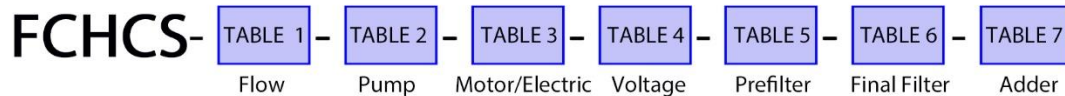
Use It As A Drumtopper!



## FilClean™ HCS Features

1. Heavy Duty Aluminum Lifting Handle
2. Upstream Oil Sample Valve
3. Filter Plugged Indicators
4. Optional Water Absorbing Prefilter
5. 7 um or 25 um Beta 2000 Particulate Filter Elements standard or Customer choice of Filter Manufacturer/Type.
6. Compact/Light Aluminum Welded Frame and Base with Drip Tray.
7. JIC Leak Resistant Fittings where available.
8. Choice of Aluminum or Steel Gear Pumps with 65 psid internal Relief Valves. 1 or 4 GPM available depending on Service.
9. Choice of Heavy Duty 1/2 HP or 1 HP Washdown or TEFC 110/220V Electric Motors.
10. Nema 4 Electric On/Off Switch
11. Power Cord and Plug





### Table 1: Flow

|    |  |
|----|--|
| 1  | 1 GPM - 1/2 HP 110/220 Motor Standard  |
| 4  | 4 GPM - 1 HP 110/220 Motor Standard    |
| SF | Special Custom Flow - Discuss With MSC |

### Table 2: Pump Type

|     |   |
|-----|---|
| AL  | Aluminum Gear Pump Internal Relief *            |
| STL | Heavy Viking Steel Gear Pump Internal Relief ** |
| SP  | Special Pump (Customer Specified)               |

\* Recommended for Portable or Permanent Units  
 \*\* Recommended for Permanent Units Only

### Table 3: Motor/Electrical

|   |  |
|---|--|
| T | Nema 4 (TEFC Motor) *                  |
| W | Nema 4 (Washdown Duty Motor) **        |
| X | Hazardous Duty (Class 1 Group C&D) *** |
| A | Non Lubricated Air Driven Motor ****   |

\* Good For Most Non Hazardous Applications  
 \*\* Recommended For Areas With Heavy Water Spray  
 \*\*\* Good For Most Applications Refinery & Gas Plants  
 \*\*\*\* Unit Includes Air Filter/Air Regulator And Pump Motor Flow Control Valve

### Table 4: Voltage

|    |   |
|----|---|
| A  | 110 Volts Single Phase                    |
| B  | 220 Volts Single Phase                    |
| C  | Air Driven - No Electric                  |
| SV | Special Custom Voltage - Discuss With MSC |

### Table 5: Prefilter

|     |   |
|-----|---|
| NF  | No Prefilter                            |
| DW  | Water Absorbing Spin On Filter          |
| D25 | 25 Micron Particulate Spin On Prefilter |
| SF  | Customer Specified - Discuss MSC        |

### Table 6: Final Filter

|     |                                      |
|-----|--------------------------------------|
| D25 | 25 Micron Particulate Spin On Filter |
| D7  | 7 Micron Beta 2000 Spin On Filter    |
| SF  | Customer Specified - Discuss MSC     |

### Table 7: Adders - see note

|       |   |
|-------|---|
| Blank | No Adders   |
| HS    | 1" Hydraulic Hose (Jic Swivel Ends) add required hose length to end of HS   |
| QD    | Hydraulic Quick Disconnects Inlet and Outlet instead of Male JiC.   |
| P     | Telescoping Pull Handle & Wheels  |
| DT    | Drum Topper Package - Includes stainless 55 gallon drum suction wand, vacuum rated suction hose with camlock disconnect and outlet hose with manual fill valve. |
| CC    | Custom Color - Light Blue Standard  |
| SA    | Special Custom Adder - Discuss MSC  |

Add As Many Adders To Partnumber As Needed

**MSC FILTRATION TECHNOLOGIES**

Corporate Offices & Distribution Center

MSC Filtration Technologies  
 198 Freshwater Blvd.  
 Enfield, Connecticut 06082  
 Ph: 800-237-7359 | (860)745-7475  
 Fax: (860) 745-7477

Email: sales@mscfiltrtech.com  
 Web: www.mscfiltrtech.com