



## Filter Cart

Portable, offline filtration

### Features

- Heavy duty cart with oil catch pan
- 12' long hose assemblies with various hose-end connections
- Filter bypass
- Dual-stage filtration
- Industrial powder-coated paint in customizable colors

### Benefits

- Easy transfer of clean oil
- Pneumatic wheels make mobile filtration easier
- Adaptable to your specific applications



Industry spends millions of dollars annually treating the negative effects of contamination caused by dirt and moisture. Contaminated lubricating oil and hydraulic fluid results in excess machine wear, production downtime, and repair costs.

Actively filtering lubricants can prevent contamination-related problems. Heavy duty, lots of options, exceptional value ... our FlowGuard™ filter carts are uniquely yours. You can select from dozens of components with our online customizer at [www.descase.com/flowguard](http://www.descase.com/flowguard).

*Keeping contamination  
under control.®*

# FlowGuard™ Filter Cart Specifications

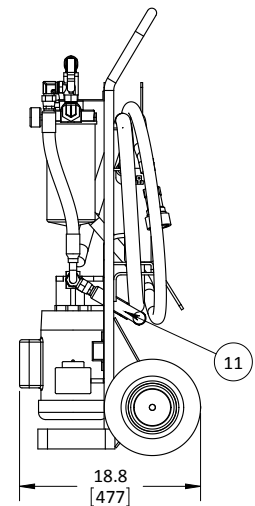
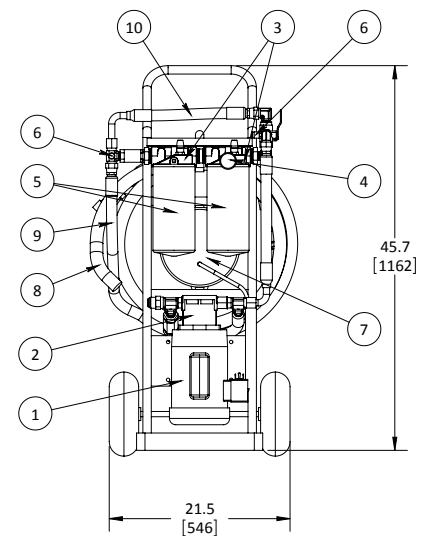
## Applications

- Decontaminating systems
- Flushing new or repaired systems
- Dispensing new oil
- Pre-filtering new oil
- Evacuating used oil
- Reservoir top offs
- Flushing systems
- Collecting oil samples for analysis

## Performance

1. Operating Temperatures:
  - -40 °F to 150 °F (-40 °C to 66 °C) for standard unit with clear PVC hoses
  - -20°F to 212°F (-28 °C to 100 °C) for custom unit with hydraulic hoses and Viton or EPDM seals
2. Materials:
  - Frame: Carbon Steel
  - Paint: Industrial Powder Coat
  - Filter Heads: Aluminum
  - Fittings: Brass, and/or Zinc Plated Steel
  - Pumps: Aluminum/Steel
  - Hoses: Clear PVC with steel wire or hydraulic hose
3. Filter Indicators and Bypass:
  - Filter indicator pops at 22 psid (1.55 bar) as warning that filter elements need to be replaced
  - Automatic filter bypass at 25 psid (1.75 bar)
4. Weight: Approximately 100-150 lbs (will vary depending on options selected)
5. Dimensions: 18.8" L x 21.5" W x 45.7" H
6. Viscosity Range: ISO 10-680 (55-4000 SUS at 100°F)

Item No.	Description	Qty.
1	Motor	1
2	Gear Pump	1
3	Filter Head	2
4	Pressure Gauge	1
5	Filter Element	2
6	Sample Port	2
7	25' Cord Reel	1
8	12' Suction Hose	1
9	12' Pressure Hose	1
10	Filter Bypass	1
11	Pump Relief - 65 psi	1



## Element Replacements

FC-AF	FC-BF	FC-CF	FC-DF	FC-JF
3um	6um	12um	25um	Water Removal

\*Other micron sizes available upon request

# How to order the FlowGuard™ Filter Cart:

Select the desired symbol (in the correct position) to construct a model code. Then contact your local distributor or call Des-Case if you don't see the options you need or would like additional assistance.

<b>FH</b>												
Box 1	Box 2	Box 3	Box 4	Box 5	Box 6	Box 7	Box 8	Box 9	Box 10	Box 11	Box 12	

## PUMP / MOTOR COMBINATIONS \* [Box 1]

Code	Description	Code	Description
60 Hz Options		50 Hz Options	
02E	2 gpm / 1 hp electric, 115 vac, 60 hz, 1725 rpms, 13 amps	02G	1.5 gpm / 1 hp electric, 110 vac, 50 hz, 1425 rpms, 12.4 amps
05E	5 gpm / 1 hp electric, 115 vac, 60 hz, 1725 rpms, 13 amps	05G	4 gpm / 1 hp electric, 110 vac, 50 hz, 1425 rpms, 12.4 amps
10E	10 gpm / 1 hp electric, 115 vac, 60 hz, 1725 rpms, 13 amps	10G	8 gpm / 1 hp electric, 110 vac, 50 hz, 1425 rpms, 12.4 amps
02F	2 gpm / 1 hp electric, 230 vac, 60 hz, 1725 rpms, 6.5 amps	02H	1.5 gpm / 1 hp electric, 220 vac, 50 hz, 1425 rpms, 6.2 amps
05F	5 gpm / 1 hp electric, 230 vac, 60 hz, 1725 rpms, 6.5 amps	05H	4 gpm / 1 hp electric, 220 vac, 50 hz, 1425 rpms, 6.2 amps
10F	10 gpm / 1 hp electric, 230 vac, 60 hz, 1725 rpms, 6.5 amps	10H	8 gpm / 1 hp electric, 220 vac, 50 hz, 1425 rpms, 6.2 amps
Pneumatic Options			
02A	2 gpm / 1.7 hp air, 0-3000 rpms	08A	8 gpm / 1.7 hp air, 0-3000 rpms

\* Performance will vary depending on operating temperature, fluid type and unit options. Call Des-Case for assistance in choosing a flow rate specific to your needs.

## DRAIN CONNECTOR / SUCTION SIDE \* [Box 2]

Code	Description
F	Flush Face Connector
A	ISO A Connector
B	ISO B Connector
W	Wand Connector
N	Threaded End

\* All are coupler ends (female)

## DRAIN CONNECTOR / HOSE SIZE [Box 3]

Code	Description
3	1/2 inch
5	3/4 inch
7	1 inch

## FILL CONNECTOR / PRESSURE SIDE \* [Box 4]

Code	Description
F	Flush Face Connector
A	ISO A Connector
B	ISO B Connector
W	Wand Connector
N	Threaded End

\* All are coupler ends (female)

## FILL CONNECTOR / HOSE SIZE [Box 5]

Code	Description
3	1/2 inch
5	3/4 inch
7	1 inch

## FILTER A [Box 6] \*/ FILTER B [Box 7] \*

Code	Description
A	3-micron Particulate Filter
B	6-micron Particulate Filter
C	12-micron Particulate Filter
D	25-micron Particulate Filter
J	Water Filter

\* Filter indicator pops at 22 psid.

## MANUAL FILTER BYPASS [Box 8]

Code	Description
0	No Bypass
1	Filter Bypass

## SAMPLE PORTS [Box 9]

Code	Description
0	None
1	Standard Minimesh
2	High-Viscosity
4	Push Button

## ELECTRIC CORD [Box 10]

Code	Description
0	None (air pump)
1	25 foot Cord
2	25 foot Cord Reel

## SAFETY RELIEF VALVE \* [Box 11]

Code	Description
0	No Relief Valve
1	Relief Valve

\* Prevents the pump pressure from surpassing 65 psi.

## CUSTOM COLORS [Box 12]

Code	Description
1	Brushed Aluminum
2	Black
3	White
4	Blue
5	Red
6	Yellow

## Y-STRAINER [Box 13]

Code	Description
	No Y-Strainer
-Y	Y-Strainer

# Try All Des-Case Fluid Handling & Filtration Products

Customize your filtration system today at [www.descase.com/flowguard](http://www.descase.com/flowguard)

## Portable Filtration



## Dedicated Filtration



## Water Removal



## Lubricant Storage & Filtration



## Filter Elements



## Adapter Kits

