Fluid Handling:
Drum Topper

Convenient, portable filtration in a compact design that you can carry wherever you need to go.

DES-CASE™

The **Overview**

The Drum Topper:
Where It's Used

- Decontaminating systems
- Flushing new or repaired systems
- Dispensing new oil
- Pre-filtering new oil
- Evacuating used oil
- Topping off reservoirs
- Collecting oil samples for analysis

What Is Standard?
- Automatic pressure relief valve
- Dual-stage filtration
- 6' hose assemblies with various hose-end connections
- Industrial powder-coated paint
- One-year warranty

What Can I Customize?
- Flow rates
- Filter bypass
- Sample valves
- Color
- Hose-end connection sizes and types
- Micron rating of filters

Performance
For filtering mineral-based industrial oils and most synthetic oils with a maximum operating viscosity range of ISO 10-460 (2000ssu/431cSt) at 100°F/38°C within ambient temperature ranges of -8°F to 104°F (-22°C to 40°C)

Materials:
- Frame: Aluminum
- Paint: Industrial powder coat
- Filter Heads: Aluminum
- Fittings: Zinc-plated steel and/or brass
- Pumps: Aluminum/steel
- Hoses: Clear PVC with steel wire
- Gaskets: Buna-N

Filter Indicators:
- Filter indicator pops at 22psid (1.55bar) as warning that filter elements need to be replaced

Pump Relief:
- Opens at 65psi (5.49bar)

Weight:
- Approximately 45-55lbs/20.4-24.9Kg (will vary depending on options selected)

Dimensions:
- 24.5"L x 13.5"W x 15.4"H

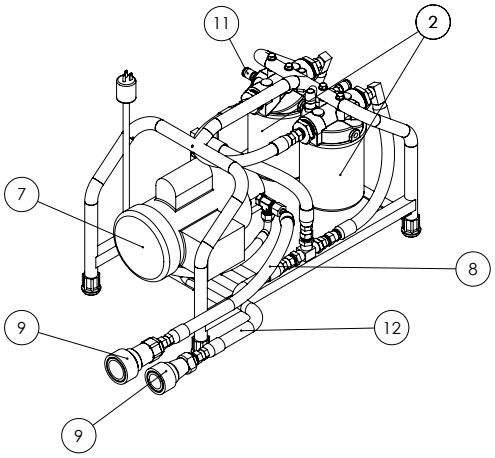
Call Des-Case for the Following Needs:
- Explosion-proof
- Wands
- Threaded end connectors
- Hydraulic hoses
- Viton® gaskets
- High-viscosity push button sample valves

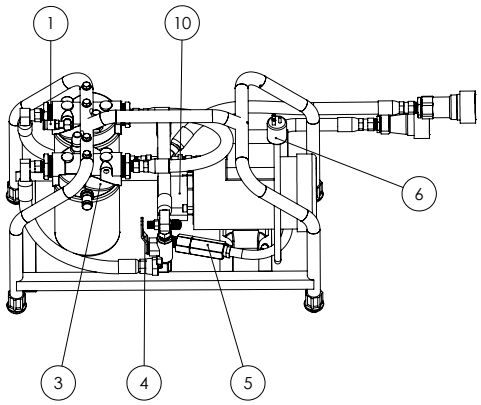
Don't see the options you need? Contact our Technical Support team at (615) 672-8800 or sales@descase.com.

The **Specs**

By the Numbers

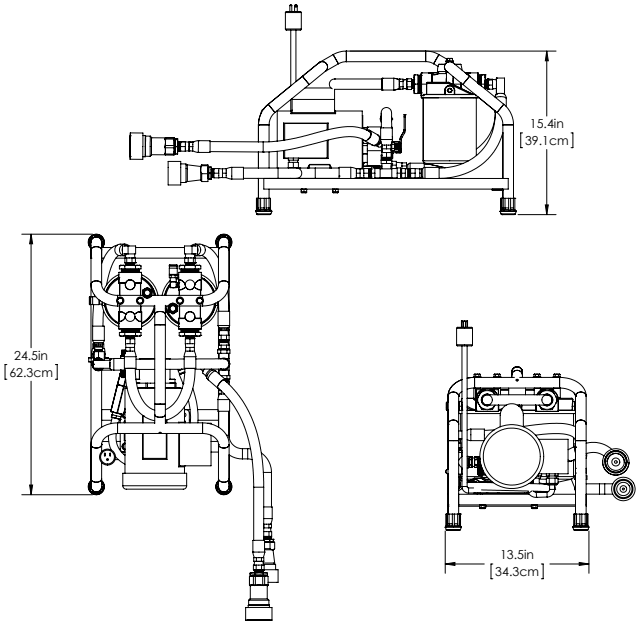
Item No.	Description	Qty.
1	Post-Filter Sample Valve	1
2	Filter Element	2
3	Filter Head	1
4	Manual Filter Bypass Valve	1
5	Pump Relief-65psi	1
6	10' Power Cord	1
7	Motor	1
8	½" Inlet Hose	1
9	Quick Connect	1
10	Gear Pump	1
11	Pre-Filter Sample Valve	1
12	½" Outlet Hose	1





Did You Know?

The drum topper pairs perfectly with Des-Case's tote, drum, hydraulic, gearbox, and drain port adapter kits.



For ordering information, please see insert or contact us at (615) 672-8800.

To Order: **Drum Topper**

DT								
	Box 1	Box 2	Box 3	Box 4	Box 5	Box 6	Box 7	Box 8

Pump/Motor Combinations [Box 1]

Code	Description
High-Viscosity Option (ISO VG 150 to 460 at 60˚F to 100˚F)	
60 Hz Options	
01E	1gpm/.25 hp electric, 115 vac, 60 Hz, 1725 rpms, 5 amps
01F	1gpm/.25 hp electric, 230 vac, 60 Hz, 1725 rpms, 2.5 amps
50 Hz Options	
01G	.75gpm/.25 hp electric, 110 vac, 50 Hz, 1425 rpms, 5.4 amps
01H	.75gpm/.25 hp electric, 220 vac, 50 Hz, 1425 rpms, 2.7 amps
Low-Viscosity Option (ISO VG 100 at 60˚F to 100˚F)	
60 Hz Options	
03E	3.5gpm/.25 hp electric, 115 vac, 60 Hz, 1725 rpms, 5 amps
03F	3.5gpm/.25 hp electric, 230 vac, 60 Hz, 1725 rpms, 2.5 amps
50 Hz Options	
03G	2.75gpm/.25 hp electric, 110 vac, 50 Hz, 1425 rpms, 5.4 amps
03H	2.75gpm/.25 hp electric, 220 vac, 50 Hz, 1425 rpms, 2.7 amps
Pneumatic Options	
02A	2gpm/1.7 hp air, 0-3000 rpms
08A	8gpm/1.7 hp air, 0-3000 rpms

NOTE: Performance will vary depending on operating temperature, fluid type and unit options. Call Des-Case for assistance.

Drain & Fill Connector Type [Box 2]

Code	Description
B	ISO B Connector
A	ISO A Connector
F	Flush Face Connector
R	ISO B Connector–BSPP
Q	ISO A Connector–BSPP
P	Flush Face Connector–BSPP

NOTE: All connectors are coupler ends (female)

Drain & Fill Sizing [Box 3]

Code	Description
1	**Drain:** 1" hose & connection **Fill:** ¾" hose & connection
2	**Drain:** ¾" hose & connection **Fill:** ½" hose & connection

NOTE: Units are built for optimum performance when using 1" (drain) and ¾" (fill) connections. Decrease in performance may occur when selecting other size combinations. Hoses are 1" and ¾" respectively regardless of connection sizes.

Filter A [Box 4]/Filter B [Box 5]

Code	Description
K	3-micron Particulate Filter
L	6-micron Particulate Filter
M	12-micron Particulate Filter
N	25-micron Particulate Filter
W	Water Filter

Manual Filter Bypass [Box 6]

Code	Description
0	None
B	Filter Bypass

Sample Valves [Box 7]

Code	Description
0	None
1	Standard Minimess
2	High Viscosity

Custom Colors [Box 8]

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

For replacement elements, see next page.

You also can customize your system online at www.descase.com.

Replace Your Elements

Part No.	Micron Rating
FC-KF	Beta 200 @ 3um
FC-LF	Beta 200 @ 6um
FC-MF	Beta 200 @ 12um
FC-NF	Beta 200 @ 25um
FC-WF	Water Removal

Fluid Handling:
The Entire Des-Case Line

We offer a full range of fluid handling and filtration products in Portable Filtration, Dedicated Filtration, Water Removal, Lubricant Storage & Filtration, Filter Elements, and Adapter Kits to suit your needs.

Customize your system today at www.descase.com.

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