FLUID HANDLING

Drum Filter Cart

This cart is ideal for pre-cleaning, protecting, and transferring oil from a conveniently attachable, secured drum. A drum adapter kit with a desiccant breather is included for complete contamination control.
Overview

The Drum Filter Cart: Where It’s Used

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

Performance

For filtering mineral-based industrial oils and most synthetic oils with a maximum operating viscosity range of ISO VG 680 (3000ssu/648cSt) at 100°F/38°C within ambient temperature ranges of -15°F to 150°F (-26°C to 66°C)

Materials:

- Frame: Carbon steel
- Paint: Industrial powder coat
- Filter Heads: Aluminum
- Fittings: Zinc plated steel and/or brass
- Pumps: Aluminum/steel
- Hoses: Clear PVC with steel wire or hydraulic hose
- Gasket: 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

Weight:

- Approximately 175-250lbs without drum (will vary depending on options selected)

Dimensions:

- 30"L x 24.75"W x 57.85"H

What is Standard?

- Automatic pressure relief valve
- Dual-stage filtration
- 12’ hose assemblies with various quick connect options
- Rugged, powder-coated dolly with plastic removable drip pan
- Adjustable, heavy-duty straps with spring-loaded clips to secure drum
- Remote-mounted power switch
- Casters for easy mobility
- Mating color-coded drum adapter kit for easy connection
- One-year warranty

What Can I Customize?

- Flow rates
- Filter bypass
- Sample valves
- Y-strainer
- Color
- Hose-end connection sizes and types
- Micron rating of filters

Call Des-case for the Following Needs:

- Explosion-proof
- Wands
- Threaded end connectors
- Particle counters
- Hydraulic hoses
- Viton® gaskets
- High-viscosity push button sample valves
Specifications

By The Numbers

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Motor</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>Gear Pump</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>Pump Relief-65psi</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>Filter Head</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>Filter Element</td>
<td>2</td>
</tr>
<tr>
<td>6</td>
<td>Pressure Gauge</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>Filter Bypass Valve</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>Filter Bypass Line</td>
<td>1</td>
</tr>
<tr>
<td>9</td>
<td>Sample Valve</td>
<td>2</td>
</tr>
<tr>
<td>10</td>
<td>12’ Suction Hose</td>
<td>1</td>
</tr>
<tr>
<td>11</td>
<td>12’ Discharge Hose</td>
<td>1</td>
</tr>
<tr>
<td>12</td>
<td>Quick Connects</td>
<td>2</td>
</tr>
<tr>
<td>13</td>
<td>25’ Cord Reel</td>
<td>1</td>
</tr>
<tr>
<td>14</td>
<td>Remote Mount Power Switch</td>
<td>1</td>
</tr>
<tr>
<td>15</td>
<td>Spring Loaded Clips</td>
<td>2</td>
</tr>
<tr>
<td>16</td>
<td>Adjustable Straps</td>
<td>2</td>
</tr>
<tr>
<td>17</td>
<td>Castors</td>
<td>2</td>
</tr>
<tr>
<td>18</td>
<td>Wheels</td>
<td>2</td>
</tr>
</tbody>
</table>

Did You Know?

The drum filter cart pairs perfectly with Des-Case’s tote, drum, hydraulic, gearbox, and drain port adapter kits. Customize your mating kit at www.descase.com
# To Order:

## Drum Filter Cart

<table>
<thead>
<tr>
<th>DF</th>
<th>Box 1</th>
<th>Box 2</th>
<th>Box 3</th>
<th>Box 4</th>
<th>Box 5</th>
<th>Box 6</th>
<th>Box 7</th>
<th>Box 8</th>
<th>Box 9</th>
<th>Box 10</th>
</tr>
</thead>
</table>

**NOTE:** Drum adapter kit with DC-2 breather included. To customize adapter kit, contact Des-Case.

## Pump/Motor Combination [Box 1]

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>02E</td>
<td>2gpm/1 hp electric, 115 vac, 60 Hz, 1725 rpms, 13 amps</td>
<td>02G</td>
<td>1.5gpm/1 hp electric, 110 vac, 50 Hz, 1425 rpms, 12.4 amps</td>
</tr>
<tr>
<td>05E</td>
<td>5gpm/1 hp electric, 115 vac, 60 Hz, 1725 rpms, 13 amps</td>
<td>05G</td>
<td>4gpm/1 hp electric, 110 vac, 50 Hz, 1425 rpms, 12.4 amps</td>
</tr>
<tr>
<td>10E</td>
<td>10gpm/1 hp electric, 115 vac, 60 Hz, 1725 rpms, 13 amps</td>
<td>10G</td>
<td>8gpm/1 hp electric, 110 vac, 50 Hz, 1425 rpms, 12.4 amps</td>
</tr>
<tr>
<td>02F</td>
<td>2gpm/1 hp electric, 230 vac, 60 Hz, 1725 rpms, 6.5 amps</td>
<td>02H</td>
<td>1.5gpm/1 hp electric, 220 vac, 50 Hz, 1425 rpms, 6.2 amps</td>
</tr>
<tr>
<td>05F</td>
<td>5gpm/1 hp electric, 230 vac, 60 Hz, 1725 rpms, 6.5 amps</td>
<td>05H</td>
<td>4gpm/1 hp electric, 220 vac, 50 Hz, 1425 rpms, 6.2 amps</td>
</tr>
<tr>
<td>10F</td>
<td>10gpm/1 hp electric, 230 vac, 60 Hz, 1725 rpms, 6.5 amps</td>
<td>10H</td>
<td>8gpm/1 hp electric, 220 vac, 50 Hz, 1425 rpms, 6.2 amps</td>
</tr>
</tbody>
</table>

## Pneumatic Options

<table>
<thead>
<tr>
<th>Code</th>
<th>Pneumatic Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>02A</td>
<td>2gpm/1.7 hp air, 0-3000 rpms</td>
</tr>
<tr>
<td>08A</td>
<td>8gpm/1.7 hp air, 0-3000 rpms</td>
</tr>
</tbody>
</table>

**NOTE:** Performance will vary depending on operating temperature, fluid type and unit options. 65 psi pressure relief valve included.

## Drain & Fill Connector Type* [Box 2]

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>ISO B Connector</td>
</tr>
<tr>
<td>A</td>
<td>ISO A Connector</td>
</tr>
<tr>
<td>F</td>
<td>Flush Face Connector</td>
</tr>
<tr>
<td>R</td>
<td>ISO B Connector-BSPP</td>
</tr>
<tr>
<td>Q</td>
<td>ISO A Connector-BSPP</td>
</tr>
<tr>
<td>P</td>
<td>Flush Face Connector-BSPP</td>
</tr>
</tbody>
</table>

**NOTE:** All connectors are coupler ends (female)

## Drain & Fill Sizing [Box 3]

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Drain: 1&quot; hose &amp; connection&lt;br&gt;Fill: ¼&quot; hose &amp; connection</td>
</tr>
<tr>
<td>2</td>
<td>Drain: ½&quot; hose &amp; connection&lt;br&gt;Fill: ⅛&quot; hose &amp; connection</td>
</tr>
</tbody>
</table>

**NOTE:** Units are built for optimum performance when using 1" (drain) and ¼" (fill) connections. Decrease in performance may occur when selecting other size combinations. Hoses are 1" and ¼" respectively regardless of connection sizes.

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>5-micron Particulate Filter</td>
</tr>
<tr>
<td>B</td>
<td>7-micron Particulate Filter</td>
</tr>
<tr>
<td>C</td>
<td>12-micron Particulate Filter</td>
</tr>
<tr>
<td>D</td>
<td>22-micron Particulate Filter</td>
</tr>
<tr>
<td>J</td>
<td>Water Filter</td>
</tr>
</tbody>
</table>

## Manual Filter Bypass [Box 6]

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>None</td>
</tr>
<tr>
<td>B</td>
<td>Filter Bypass</td>
</tr>
</tbody>
</table>

## Sample Valves [Box 7]

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>None</td>
</tr>
<tr>
<td>1</td>
<td>Standard Minimess</td>
</tr>
<tr>
<td>2</td>
<td>High Viscosity</td>
</tr>
</tbody>
</table>
To Order:

Drum Filter Cart

<table>
<thead>
<tr>
<th>Cord Reel [Box 8]</th>
<th>Y-Strainer [Box 9]</th>
<th>Custom Colors [Box 10]</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Code</strong></td>
<td><strong>Description</strong></td>
<td><strong>Code</strong></td>
</tr>
<tr>
<td>0</td>
<td>None*</td>
<td>0</td>
</tr>
<tr>
<td>Y</td>
<td>Y-Strainer</td>
<td><strong>60Hz motor option only</strong></td>
</tr>
</tbody>
</table>

*Comes with the standard cord or no cord for pneumatic/air systems

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

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**Replace Your Elements**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Micron Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC-S10000S08BBU</td>
<td>Beta 1000 @ 5um</td>
</tr>
<tr>
<td>DC-S10000S08CBU</td>
<td>Beta 1000 @ 7um</td>
</tr>
<tr>
<td>DC-S10000S08EBU</td>
<td>Beta 1000 @ 12um</td>
</tr>
<tr>
<td>DC-S10000S08FBU</td>
<td>Beta 1000 @ 22um</td>
</tr>
<tr>
<td>DC-S10000W08FBU</td>
<td>Water Removal</td>
</tr>
</tbody>
</table>

**NOTE:** Other micron sizes available upon request