Portable Filtration Units
Offered by Barnes Distribution
Features

**Service cover**
Top-accessible for easy changing of elements

**Dual filters**
Two stage, double length filtration for long element life and pump protection

**Gear pump**
Industrial quality
Quiet operation
Dependable, long life

**Hose & wand assembly**
Ready to use; no additional hardware needed
Flexible hoses for tight spots
Kink-resistant hose prevents pump cavitation

**Visual indicator**
Tells you when to change element (always on outlet filter)

**Heavy Duty frame**
Rugged and built to last

**110V/220V AC motor**
Industrial brand name

**Drip tray**
Helps keep the work area safe and clean

**Elements (not shown)**
Available for both particulate and Water Removal (WR) in double length w/2.5 times increased DHC

**Electrical Cord (not shown)**
6 ft. with ON/OFF switch
### Barnes Distribution's Standard Product Line of Parker Hydraulic Filtration Products

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Item Description</th>
<th>Type</th>
<th>Parker Part No.</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA-00001</td>
<td>Parker Filtration Cart, 10 GPM, Equipped with 40SA/10Q Elements</td>
<td>Filtration Cart</td>
<td>10MFP240SA10QBVP11</td>
<td>1</td>
</tr>
<tr>
<td>PA-00002</td>
<td>Parker Filtration Cart, 5 GPM, Equipped with 40SA/10Q Elements</td>
<td>Filtration Cart</td>
<td>5MFP240SA10QBVP11</td>
<td>1</td>
</tr>
<tr>
<td>PA-00003</td>
<td>Parker Guardian® Filtration System, 10Q Element</td>
<td>Portable Filtration Cart</td>
<td>GT41006</td>
<td>1</td>
</tr>
<tr>
<td>PA-00004</td>
<td>Guardian® Filter Element Two Pack, 10Q Microglass Filter Media</td>
<td>Particulate Media, 10 micron</td>
<td>932017Q</td>
<td>2</td>
</tr>
<tr>
<td>PA-00005</td>
<td>Guardian® Filter Element Two Pack, Par-Gel™</td>
<td>Water Removal Media</td>
<td>932019</td>
<td>2</td>
</tr>
<tr>
<td>PA-00006</td>
<td>Parker ModuFlow™ Plus Filter Cart Element, 10Q Microglass Filter Media (outlet filter only)</td>
<td>Particulate Media, 10 micron</td>
<td>937399Q</td>
<td>1</td>
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<tr>
<td>PA-00007</td>
<td>Parker ModuFlow™ Plus Filter Cart Element, 40SA Synthetic Filter Media (inlet filter only)</td>
<td>Particulate Media, 40 micron</td>
<td>940802</td>
<td>1</td>
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<tr>
<td>PA-00008</td>
<td>Parker ModuFlow™ Plus Filter Cart Element, Par-Gel™ (outlet filter only)</td>
<td>Water Removal Media</td>
<td>940734</td>
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<tr>
<td>PA-00009</td>
<td>Parker Filtration Cart Kit, 10 GPM, with Extra Set of Filter Elements</td>
<td>Kit: PA-00001, PA-00006, PA-00007</td>
<td>———</td>
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</tr>
<tr>
<td>PA-00010</td>
<td>Parker Filtration Cart Kit, 5 GPM, with Extra Set of Filter Elements</td>
<td>Kit: PA-00002, PA-00006, PA-00007</td>
<td>———</td>
<td>1</td>
</tr>
</tbody>
</table>

### Filtration System Applications
- Filtering new fluid before putting into service
- Transferring fluid from storage containers to reservoirs
- Conditioning fluid that is already in use
- Free water removal
- Hydraulic, lube, gear, diesel fluids
- Industrial and mobile flushing applications

### Markets
- Waste Trucks
- Mobile Equipment
- Factory Equipment
- Rental Equipment Fleet
- Mining Equipment
- Forklift
Specifications & Performance

Guardian® Filtration System

Installation and Specification Data

Maximum Allowable Operating Pressure (MAOP): 50 psi (3.4 bar)

Flow Capacity: Up to 4 gpm (15 lpm)

Maximum Recommended Fluid Viscosity: (.85 specific gravity)

110-120 VAC and 220-240 VAC 16,000 SUS

Warning: Explosion hazard. Do not pump flammable liquids such as gasoline, alcohol, solvents, etc.

Operating Temperatures:
Unit: -15°F to 180°F (-26°C to 82°C)
Wand/Hose: 25°F to 120°F (-4°C to 49°C)

Visual Indicator: Differential pressure type, set at 25 psid

Recommended Fluids: petroleum based oils, water emulsions, and diesel fuels

Integral Relief Valve: set at 50 psi for motor protection

Noise Level: <70db at 3 ft.

Electrical Motor: 110-120 VAC; 50/60 Hz; 3A max.
220-240 VAC; 50/60 Hz; 1.5A max.
Thermal overload protected.
Replaceable brushes (500 hours)

Weight: approximately 23 lbs. 5 oz.

Materials:
Housing: cast aluminum
Cover: die cast aluminum
Handle and Indicator: nylon
Wands and Hose: PVC
Fittings: brass
Seals: fluorocarbon/carboxylated nitrile

Guardian® Series

Estimated Guardian® Element Life and Cleanliness Levels

The following chart shows typical element life (in gallons of oil passed) and cleanliness levels achieved by standard Parker elements available with the Guardian®. Some assumptions have been made.*

<table>
<thead>
<tr>
<th>Media Code</th>
<th>New Oil ISO</th>
<th>ISO Achieved</th>
<th>Element Life</th>
<th>Elements Used per 250 gallons</th>
</tr>
</thead>
<tbody>
<tr>
<td>10C</td>
<td>22/20/16</td>
<td>21/19/15</td>
<td>120 gallons</td>
<td>2.08</td>
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<tr>
<td>20Q</td>
<td>22/20/16</td>
<td>21/19/15</td>
<td>486 gallons</td>
<td>.51</td>
</tr>
<tr>
<td>10Q</td>
<td>22/20/16</td>
<td>19/16/14</td>
<td>407 gallons</td>
<td>.61</td>
</tr>
<tr>
<td>05Q</td>
<td>22/20/16</td>
<td>17/15/12</td>
<td>330 gallons</td>
<td>.75</td>
</tr>
<tr>
<td>02Q</td>
<td>22/20/16</td>
<td>15/13/10</td>
<td>316 gallons</td>
<td>.79</td>
</tr>
</tbody>
</table>

* 1. New oil is at ISO 22/20/16
2. No environment or work ingression.
3. Single pass oil transfer.

NOTE: Data for fluid transfer only. For continuous fluid polishing, lower ISO cleanliness levels will be achieved.