



## 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

**Elements (not shown)**

Available for both particulate and Water Removal (WR) in double length w/2.5 times increased DHC

**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

**Electrical Cord (not shown)**

6 ft. with ON/OFF switch





## Barnes Distribution's Standard Product Line of Parker Hydraulic Filtration Products

Part No.	Item Description	Type	Parker Part No.	Unit
PA-00001	Parker Filtration Cart, 10 GPM, Equipped with 40SA/10Q Elements	Filtration Cart	10MFP240SA10QBVP11	1
PA-00002	Parker Filtration Cart, 5 GPM, Equipped with 40SA/10Q Elements	Filtration Cart	5MFP240SA10QBVP11	1
PA-00003	Parker Guardian® Filtration System, 10Q Element	Portable Filtration Cart	GT410Q6	1
PA-00004	Guardian® Filter Element Two Pack, 10Q Microglass Filter Media	Particulate Media, 10 micron	932017Q	2
PA-00005	Guardian® Filter Element Two Pack, Par-Gel™	Water Removal Media	932019	2
PA-00006	Parker ModuFlow™ Plus Filter Cart Element, 10Q Microglass Filter Media (outlet filter only)	Particulate Media, 10 micron	937399Q	1
PA-00007	Parker ModuFlow™ Plus Filter Cart Element, 40SA Synthetic Filter Media (inlet filter only)	Particulate Media, 40 micron	940802	1
PA-00008	Parker ModuFlow™ Plus Filter Cart Element, Par-Gel™ (outlet filter only)	Water Removal Media	940734	1
PA-00009	Parker Filtration Cart Kit, 10 GPM, with Extra Set of Filter Elements	Kit: PA-00001, PA-00006, PA-00007	—	1
PA-00010	Parker Filtration Cart Kit, 5 GPM, with Extra Set of Filter Elements	Kit: PA-00002, PA-00006, PA-00007	—	1

### 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



PA-00007



PA-00001



PA-00003



# 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.\*

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

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

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