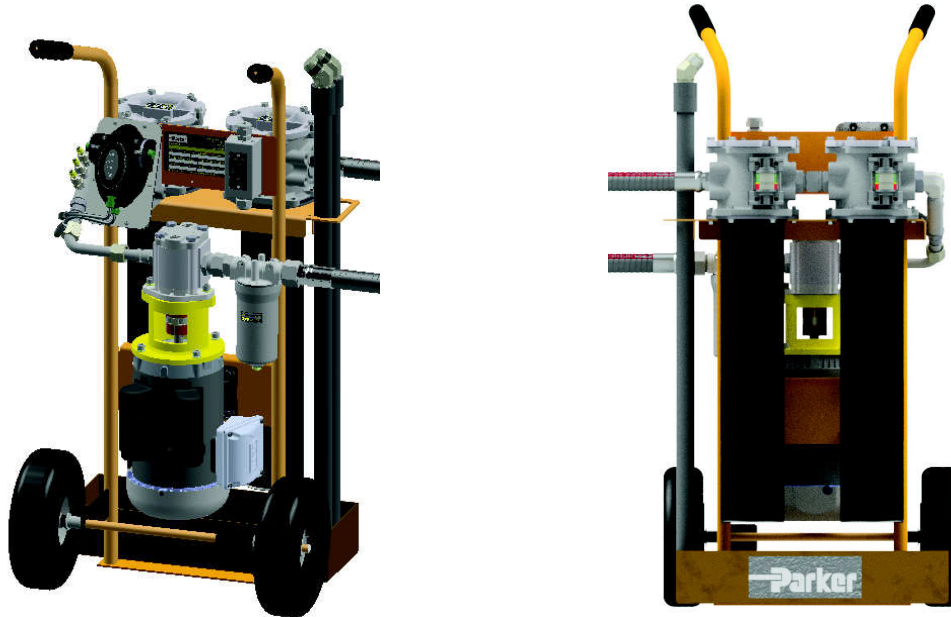


# Portable Fluid Conditioning Cart

## Features and Benefits



Features	Advantages	Benefits
In-series filtration	Capable of multi-staged filtration Ability to remove free water and particulate in the same pass	Can extend the service life, reduce maintenance hours in servicing the filtration systems and equipment, and remove contaminant and water out of a system in a single pass across the elements
Wide variety of particulate elements available	Capable of getting a fluid to a desired cleanliness level	Extends fluid life and system performance
Heavy duty frame	Rugged and durable	Built to last
Lightweight and Portable	Easy to move from place-to-place	One person operation
Two flow rates available: 5 GPM or 10 GPM	Motor is now 1 HP, enabling use in lower or higher viscosity applications	Matched to your needs
Eleven-foot hose and wand assemblies included	Additional hardware not necessary	Ready to use as received
Narrow design	Better maneuverability	Exceptional movement through tight spaces, narrow aisles, and smaller overall footprint
Ergonomic frame design	Improved handle height and center of gravity for most average users	Decreased force needed for tipping into moving position, improved handle height for comfort and decreased strain on neck, back, and shoulders
10 inch wheels	Larger 10 inch wheels	Increased mobility and handling in various terrains
Removable drip tray	Drip tray now removable	Ability to easily dispose of any excess oil in drip pan by disconnecting it from the frame
Filter pump strainer	Protection of pump from large contaminant	The addition of a filter pump strainer provides protection from large contaminants allowing both filters to be used in series after the pump
IcountPD	Capable of polishing a systems hydraulic fluid to a specific ISO cleanliness code	Ensure fluid entering system meets or exceeds specific component recommended ISO codes, guaranteeing longer service life and reduced maintenance of system

# Portable Fluid Conditioning Cart

**Maximum Recommended Fluid Viscosity:**

5PFCC – 5 GPM pump  
4000 SUS (863cSt)  
was 3000 SUS

10MFP – 10 GPM pump  
1000 SUS (215 cSt)  
was 500 SUS

**Visual Indicator (outlet filter):**

Visual differential type  
3-band (clean, change, bypass)

**Filter Bypass Valve Settings (Integral to Element):**

Element 1 – 35 psid (2.4 bar)  
Element 2 – 35 psid (2.4 bar)  
Both housings now have indicators.

**Operating Temperature:**

Seal option “B” (standard)  
-40°F to +150°F (-40°C to +66°C)

**Electrical Service Required:**

110/220 volts, 60 Hz  
Single phase, 10/5.5 amps

**Electrical Motor:**

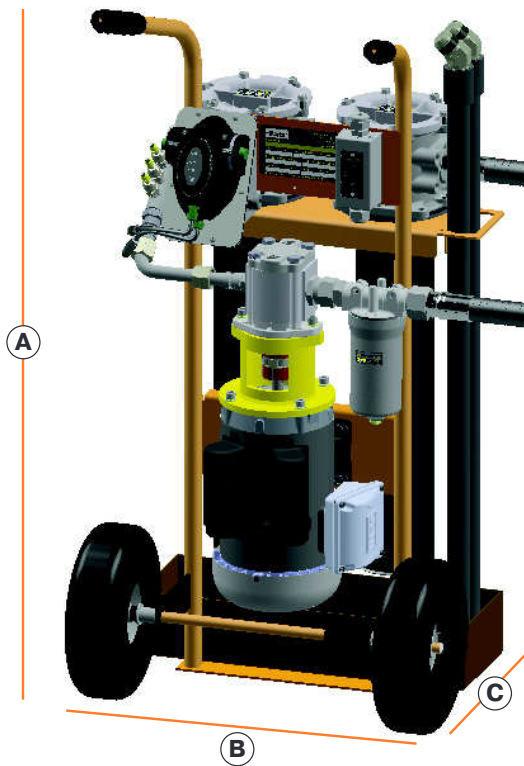
1 hp @ 1745 rpm  
open, drip proof  
was 3/4 HP for 10MFP and  
1/2 HP for 5MFP

**Construction:**

Cart frame – Steel  
Filter head – Aluminum  
Filter bowl – Steel  
Hoses – Parker EZ form Buna  
Wands – PVC (Std.)  
Steel tube (high temp option)

**Weight:**

145 lbs (65.77 kg)



## New Dimensions

A - Height: 43 in (1092 mm)  
B - Width: 21 in (536 mm)  
C - Depth: 19 in (472 mm)



## Old Dimensions

A - Height: 41 in (1034 mm)  
B - Width: 26 in (648 mm)  
C - Depth: 20 in (503 mm)

# 5PFCC & 10PFCC

## Portable Fluid Conditioning Cart

### How To Order

Select the desired symbol (in the correct position) to construct a model code.

Example:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8
10PFCC	2	20Q	10Q	B	VP	I	1

BOX 1: Filter Series	
Symbol	Description
5PFCC	5 GPM (4000 SUS max)
10PFCC	10 GPM (100 SUS max)

BOX 2: Element Length	
Symbol	Description
2	Double

BOX 3: Stage 1 Element <sup>1</sup>	
Symbol	Description
20Q	Microglass, 20 micron
X	No Element <sup>2</sup>

BOX 4: Stage 2 Element <sup>1</sup>	
Symbol	Description
10Q	Microglass, 10 micron
WR	Par-Gel Water Removal
X	No Element <sup>2</sup>

BOX 5: Seals	
Symbol	Description
B	Nitrile

BOX 6: Indicator	
Symbol	Description
VP	Visual indicator, 3-band (mounted on both stages)

BOX 7: Bypass	
Symbol	Description
I	35 PSID (2.4 bar) (on both elements)

BOX 8: Options	
Symbol	Description
1	None
PDL	Particle Detector <sup>3</sup>

Notes:

- The cart includes the elements you select installed.
- For the No Element option, "X" must be selected in Boxes 3 & 4.
- Particle Detector option is only available on model 10PFCC.
- 74W comes standard with particle detector option.

### Replacement Elements

Micron Absolute	Media	Parker Element 1	Parker Element 2	Parker Strainer
02Q	Microglass	NA	937397Q	NA
05Q	Microglass	NA	937398Q	NA
10Q	Microglass	937399Q	937399Q	NA
20Q	Microglass	937400Q	937400Q	NA
WR	Water Removal	NA	940734	NA
74W <sup>4</sup>	Woven Wire	NA	NA	947629
149W	Woven Wire	NA	NA	947630

### Filter Cart Element Performance

Media Code	Filter Media	Capacity (grams)
40W	Woven Wire	*
40SA	Synthetic	*
20Q	Microglass	140
10Q	Microglass	135
05Q	Microglass	130
02Q	Microglass	110