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September 21, 2022

Obsoleting and Updating: 5MFP/10MFP Filter Carts

Engine Mobile Hydraulic and Fuel Filtration Division will be introducing our Portable Fluid Conditioning Cart (PFCC) resulting in the obsolescence of the current 5MFP/10MFP filter cart.

Current Cart



New Cart (shown with optional IPD)



The current filter cart design has remained largely unchanged for more than 40 years. In response to market feedback, we developed this much-needed new and improved cart. We plan to offer replacement components for the obsoleted cart for the next 5 years. However, this should come with the expectation of increased lead times and prices due to the diminishing scales of economy. On October 3rd, 2022 the expectation is to stop accepting orders for the old 5MFP/10MFP series and start accepting orders for the new PFCC series. Unless otherwise directed to update to the new series, all

orders placed prior to the October 3rd deadline will be fulfilled as acknowledged in our backlog. Our intention is to start shipping out the new carts by Oct 31, 2022.

Technical replacement

5PFCC/10PFCC series replaces our current standard cart in all applications.

This table represents the most frequently purchased filter carts and their new functional replacement.

PN	L/P Final	Old PN	L/P
10PFCC2XXBVPIPD L	\$7,830.03	10MFP2****BVPIPD L	\$7,620.44
10PFCC2XXBVPI1	\$2,935.67	10MFP2****BVPI1	\$2,397.48
10PFCC2XXBVPIPD L	\$7,830.03	10MFP240SA05QBVPIPD L	\$7,960.77
10PFCC2XXBVPI1	\$2,935.67	10MFP240SA05QBVPI1	\$2,756.60
10PFCC220QWRBVPIPD L*	\$8,167.79	10MFP240SAWRBVPIPD L	N/A
10PFCC220QWRBVPI1*	\$3,273.43	10MFP240SAWRBVPI1	N/A
10PFCC220Q10QBVPIPD L	\$8,142.70	10MFP240SA10QBVPIPD L	\$7,902.93
10PFCC220Q10QBVPI1	\$3,248.34	10MFP240SA10QBVPI1	\$2,695.58
5PFCC2XXBVPI1	\$2,935.67	5MFP2****BVPI1	\$2,397.48
5PFCC220QWRBVPI1*	\$3,273.43	5MFP240SAWRBVPI1	N/A
5PFCC220Q10QBVPI1	\$3,248.34	5MFP240SA10QBVPI1	\$2,695.58

* Newly priced items.

For further technical questions please contact:

Hff.technical@support.parker.com

Sincerely,



Nathan Knestrick
Division Sales & Marketing Manager
Engine Mobile Hydraulic & Fuel Filtration Division



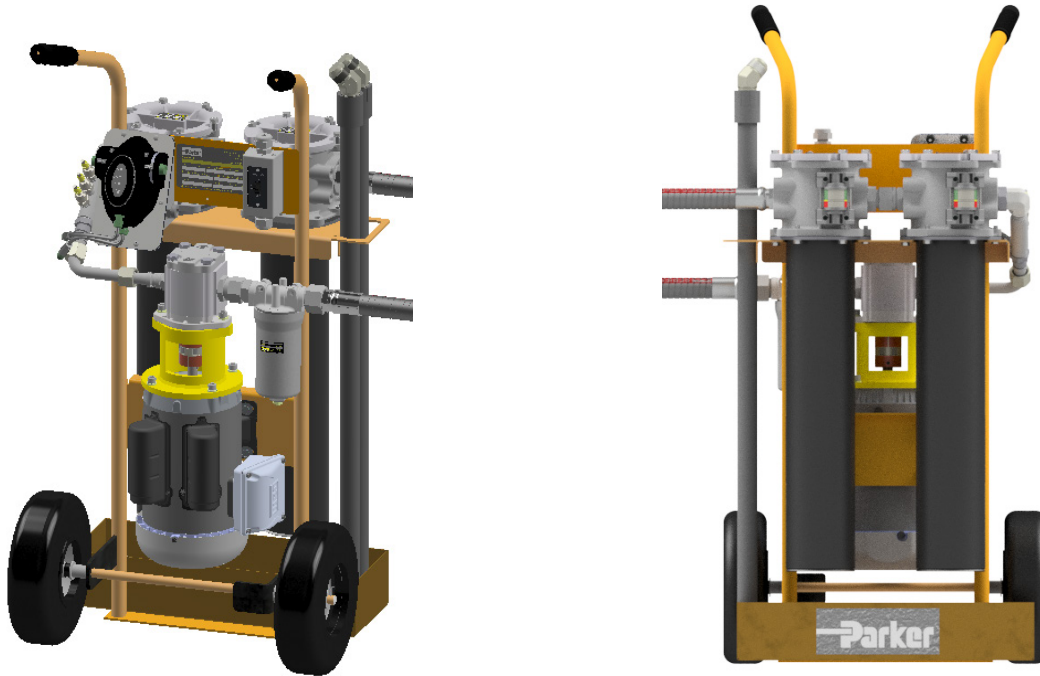
Jay Gronbach
Product Sales Manager
Engine Mobile Hydraulic & Fuel Filtration Division



Dennis Thomas
Mobile Product Sales Manager
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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:

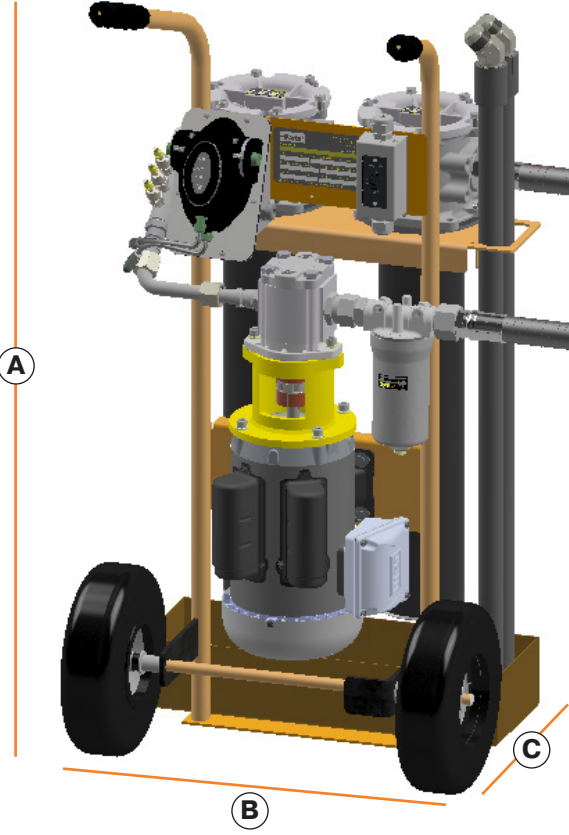
1 hp @ 1745 rpm
open, drip proof
was 3/4 HP for 10MFP and 1/2 HP for 5MFP

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 ¹	
Symbol	Description
20Q	Microglass, 20 micron
X	No Element ²

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

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 ³

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 ⁴	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