

FC-16-25-02

Specifications

Maximum Recommended Fluid Viscosity:

Diesel – 200 SUS (44 cSt); 0.85 specific gravity

Flow Rate:

16 gpm (60.5 lpm)

Visual Indicator:

15 psid Visual Differential

Operating Temperature:

17.5°F to +150°F (-8.1°C to +66°C)

Electrical Service Required:

110/220 volts, 60/50 Hz, single phase, 9.6/4.8 amps

Electrical Motor:

¾ hp @ 3450 rpm, TEFC

Construction:

Cart frame – Steel
Filter head – Die Cast
Filter bowl – Steel
Hoses – Nitrile
Wands - PVC

Weight:

107 lbs (48.5 kg)

Product Features

Hose & wand assembly:

Parker's E-Z FORM™ MP Series 7219 Kink-resistant nitrile 11' hose

Visual indicator:

Tells you when to change element

Heavy Duty frame:

Rugged and built to last

Element Service:

25 micron element Racor FBO-14 fuel filter, which does not require any tools for filter change outs. For replacement elements order part number **FBO 60338**

110V/220V AC motor:

Industrial brand name

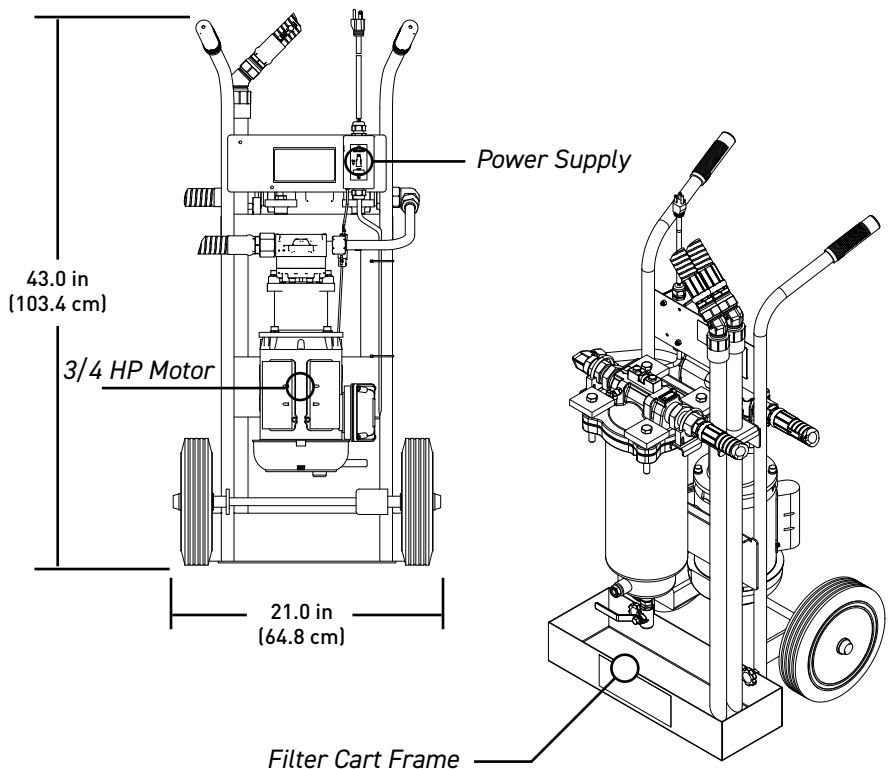
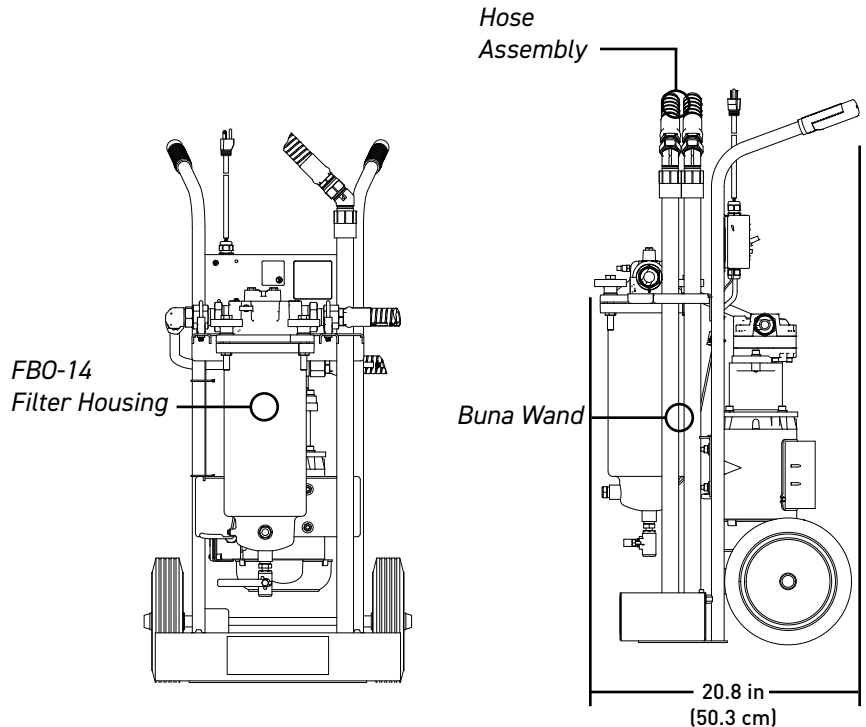
Gear pump:

Industrial quality, long life

Drip tray:

Helps keep the work area safe and clean

Designed for Diesel and Biodiesel blended fuels only.



Assembly, Operation & Maintenance Instructions

Assembly

1. Install hoses to filter by threading the hose end with the straight thread o-ring seal fitting into the pump inlet and filter outlet ports.
2. Connect the PVC tube wands to the swivel fitting on the hose end. When servicing the PVC tube wand, do not over-torque the metal fittings going into the PVC coupling. Over-torque will result in cracking the coupling. Generally, 1/4 turn beyond hand-tight is sufficient.

Operating Instructions

1. Insert the inlet wand assembly into the supply fluid receptacle (drum/reservoir).
2. Insert the outlet wand assembly into the clean fluid receptacle (drum/reservoir).
3. Verify that the ON/OFF switch is OFF and plug the cord into the proper grounded power source (3 wire).
4. Turn switch to ON position and check outlet wand for fuel flow. Allow 30 to 60 seconds for filter to fill with fuel. If repeated attempts to obtain fuel flow fail, check pump inlet fittings for tightness, remove bowl and verify the cover sealing o-ring is in place. It may be necessary to pour 1 or 2 quarts of fluid in to prime pump initially.
5. The condition of the filter element should be monitored by observing the cleanliness indicator on the top of filter. When the indicator is in the CHANGE position filter element MUST be replaced.
Warning: Do not restrict the outlet hose with a shut-off valve, causing excessive pressure, which may be harmful to personnel or to the filter cart.
6. The 15 psid cleanliness indicator responds to differential pressure changes and will indicate the condition of the element.
NOTE: The filter cart must be in operation for the indicator to read properly.

Maintenance Instructions

1. Turn switch to OFF position and unplug cord from electrical outlet.
2. Disconnect Deutsch ground wire from bowl. (See #14 on Parts List)
3. Remove tube wands from fuel to prevent siphoning.
4. Open the vent valve on the head to allow the unit to thoroughly vent before loosening the four (4) head knobs.
5. Open the drain valve on the bottom of the housing to allow all fluid to drain from the unit.
6. Loosen the four (4) knobs attached to the head.
7. Remove the head gasket and discard.
8. Remove and discard the expended element.
9. Flush the interior of the housing with clean, processed, filtered fuel or solvent; Note: A non metallic bristle brush may help remove caked-on debris. Rinse the housing and head with a soft, lint-free cloth.
10. Lightly lubricate the new O-ring with Vaseline or petroleum jelly and position it on the head. If Vaseline is not available, lubricate gasket with clean fuel or clean oil.
11. Insert a new element into the housing. Position housing (with element) underneath filter head. Push/Twist element on to head spigot. The head conical spring will seat/seal the element into the housing.
12. Rotate housing onto the bolts. Hand tighten knobs until head is snug to the housing.
13. Reconnect Deutsch ground wire to bowl. (See #14 on Parts List)
14. Examine all connections and seals for leaks, shut down immediately if leaks are present.
NOTE: Do not tighten head bolts if unit is pressurized, crack open vent valve to relieve pressure then address leaks.
15. Close the vent valve when a small amount of fluid starts to come out.