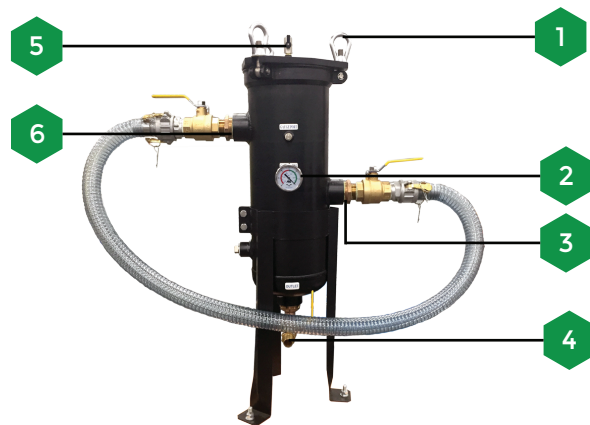




SERVICING BAG FILTER

Changing PF Bag Filter



1. Eye Bolts
2. Vacuum Gauge
3. Outlet
4. Drain Valve
5. Air Purge Valve
6. Inlet

Note: Always have an adequate supply of filter elements on hand.

The vacuum gauges on the bag filter vessel show the pressure drop over the filter. 15" Hg vacuum indicates the bag filter element should be replaced.

1. For a "no mess" bag filter change, the bag filter vessel should be pumped empty, or the fuel in the filter should be drained to a lower level
2. While operating the pump motor at minimum speed, close the inlet ball valve for the bag filter vessel, then open the air purge valve on the top of the bag filter housing to allow air to enter and the fuel to be drawn out of the vessel
3. The pump will begin to purge the fuel out of the filter vessel as air enters the vent. After a few moments when most of the fuel has been withdrawn from the vessel, turn the MANUAL/OFF/AUTO switch to OFF, and then remove the lid to access the bag filter
4. Replace bag filter element and make sure it seals tight within the perforated basket. If a hold-down spring is included with the vessel, place the hold-down spring on top of the filter bag to hold it down during operation. For best results bag should be fully extended into the basket
5. Apply a film of lubricating oil to the lid gasket. Replace O-Ring if worn or damaged
6. Tighten lid screws evenly (alternating the screws) to ensure air cannot enter the system, and lid is fully seated onto O-Ring gasket
7. Close the vent valve.
8. Open the bag filter vessel inflow valve and resume pumping operation. Check for leaks and air intrusion.
9. The material collected inside the filter bag can be inspected to better understand the types of contaminants that have been removed from the tank. The material trapped inside the filter can be inspected to better understand the types of contaminants that have been removed from the tank.

Note: Disposal of fuel, associated waste, and filters must be in accordance with all applicable Federal, State, and Local rules, laws, standards, and regulations.



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