



Filtration

BVFS
Series

Blending, Recycling and Filtration Systems	156-163
Oil to Fuel Blending Systems	164
BVFS Series	164
Hydraulic Filtering Systems	166-168
Discontinued Models	170-172



812 Series

Recycling Systems

Selection
Index

SECTION 3
**Blending, Recycling
and Filtration Systems**



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SELECTION - SECTION 3

DIESEL FUEL FILTERING / RECYCLING / BLENDING:

- 1. Find the location: Portable or Stationary Mount Models.**
- 2. Find the installation.** Will the unit be installed on the suction (vacuum) or pressure side of a fuel pump? Racor units are most efficient when installed on the suction side of a fuel pump. The Recycling systems are intended for suction installations however the Model 850 may be used for pressure installations up to 150 PSI.
- 3. What other conditions apply?**
Water contamination is a problem. An in-unit water sensing detector should be added to inform the operator of a rapid build-up of water and necessary servicing. These are available for most units. Some models have automatic water draining features. Use with Diesel applications, only.

Is the unit intended to service a fleet of vehicles? The portable 800D-5REC is recommended for fleet use.

With the above information, review the models suggested that best fit your installation. Most of the Model Groups have addition information to help in identifying the exact model for your needs.

Call your Racor distributor or Racor Customer Service if you need additional assistance at (209) 521-7860 or (800) 344-3286, 6:00 AM to 5:00 PM, Pacific Time.

FUEL FILTERING / OIL BLENDING SYSTEMS:

- 1. Go directly to the Fuel Filtering / Blending units for specific selection information.**

HYDRAULIC FILTERING SYSTEMS:

- 1. Go directly to the Hydraulic Filtering System Section for specific selection information.**

Recycler/Filter/Blender Systems Index

Recycling Systems -Suction Installations

Model	Application	Location	Flow Rate	Page
800D-5REC	Diesel Recycler/Transfer	Portable	180 GPH / 681 LPH	157-158
8250D	Diesel Fuel Dispenser	Stationary	250 / 946	157, 159
812	Diesel Filter/Recycler	Stationary	720 / 2725	157, 160
75812	Diesel Filter/Recycler	Stationary	1440 / 5450	157, 161
79812	Diesel Filter/Recycler	Stationary	2160 / 8175	157, 162

Recycling Systems -Pressure/Suction Installations

850	Diesel Filter/Recycler	Stationary	3000 / 11,355	157, 163
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Fuel Filter / Oil to Fuel Blending Systems

800D-OF3	Diesel/Oil Blender	Stationary	180 / 681	157, 164
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Hydraulic Filtering Systems -Pressure/Suction Installations

HFC 60039-5	Hydraulic Fluid Filter	Portable	300 / 1136	167-168
HFC 60039-10	Hydraulic Fluid Filter	Portable	600 / 2271	167-168

Discontinued Models

800A-30, 800D-5, 800D-OF6, 800D-12, 800D-20, 800D-6D				170-172
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Selection Information

DIESEL FUELS ONLY

General

The filter/recycler units in this section remove water and solid contamination from diesel fuel ensuring clean contaminant free fuel for a variety of applications.

The 800D-OF3 and 810D-OF3 filter/blender units in this section not only remove water and solid contamination from diesel fuel but also provide fleet operators with a steady supply of FREE diesel fuel by blending waste engine lube oil at a 20:1 ratio (5%) with the diesel fuel. Every gallon of waste engine lube oil now becomes a gallon of no-cost diesel fuel and at the same time solves a major environmental problem - the disposal of the waste oil. *These models blend oil-to-fuel automatically.*

1. SUCTION OR PRESSURE SIDE INSTALLATION?

Below ground reservoirs

Do not exceed 10 feet of lift or 10-12 inHg. of inlet piping restriction. Use the following formula to calculate restriction in inHg. (inches of mercury).

LIFT FEET X .78 = RESTRICTION IN inHg.

Above ground reservoirs

Up to 5 psi of head pressure is acceptable for the 800D-20.

Up to 10 psi of head pressure is acceptable for the 800D-12

For head pressures greater than 10 psi, but not more than 150 psi, the model 850 should be specified. Use the following formula to calculate head pressure.

HEAD FEET X .38 = HEAD PRESSURE IN PSI.

2. DETERMINE THE FUEL FLOW RATE REQUIRED (If applicable).

Selection should be made by considering the primary use for the unit.

For fuel dispensing pumps up to 4 gallons per minute, the 8250D may be 'hard piped' into the delivery system. For higher dispenser rates, other units may be selected.

Recycling/filtering the fuel in storage tanks cleans the fuel while removing particulates and sediment accumulations. The fuel may be recycled numerous times, depending on the severity of contamination. Filter/recycling clock times can be reduced by selecting a larger capacity unit.

Severely contaminated tanks may require more than one 'cycle' to clean them properly. For example, the 812 filters up to 720 gallons per hour or 12 gallons per minute. It would take about 8 1/2 minutes to filter 100 gallons. To cycle the tank 3 times would take about 26 minutes.

3. STATIONARY MOUNT OR PORTABLE?

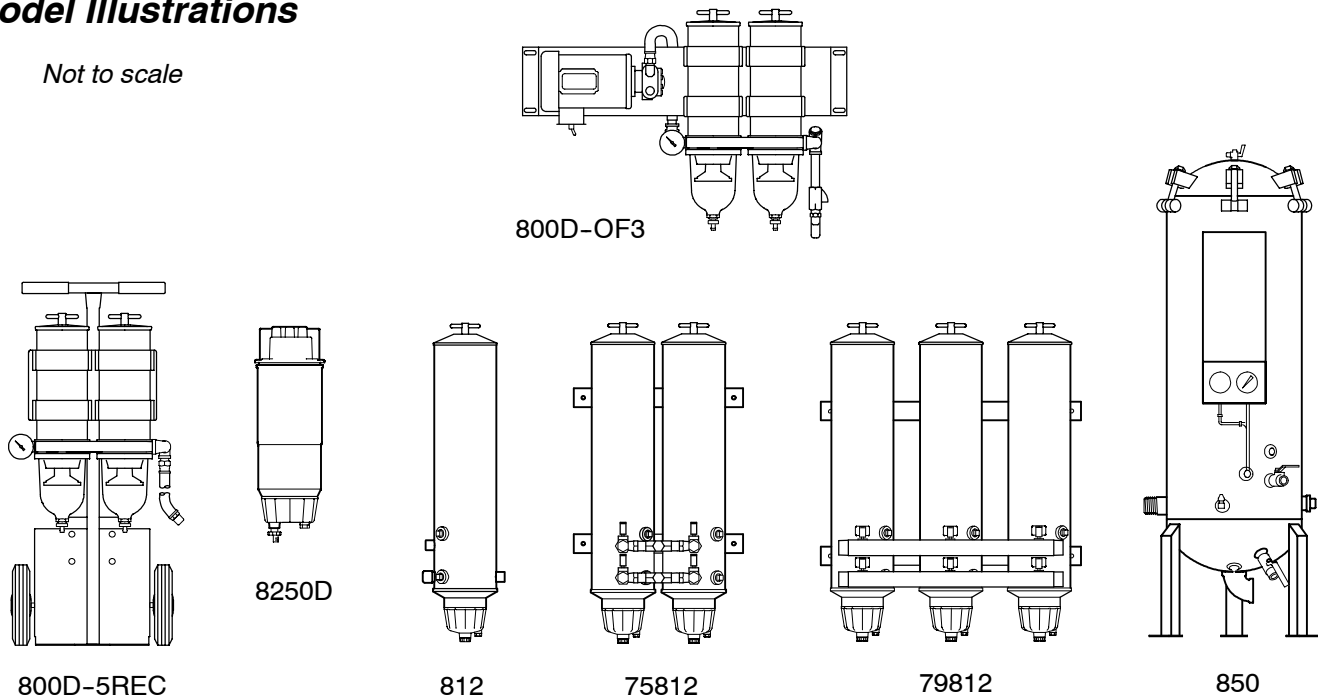
Stationary units may be secured to a service area and are intended for permanent hook-up to the fuel source. The portable 800D-5REC may be taken wherever filter/recycling is needed.

Using this information, select a unit from the following page index which exceeds the maximum fuel flow demand and fits within installation size limitations (if any).

Go directly to the 800D-OF3 / 810D-OF3 page for information on the Fuel/Oil Blender.

Model Illustrations

Not to scale



3

Special Notes

1. See individual product information sheet for motor specifications, options and information.
2. For additional information and availability, contact customer service at: (800) 344-3286, 6 AM to 5 PM, Pacific Time.

Specifications

BASIC MODELS	800D-5REC	8250D	812	75812	79812	850	800D-OF3 810D-OF3
Function or Application	Filter/ Recycler	Dispenser/ Filter	Filter/ Recycler	Filter/ Recycler	Filter/ Recycler	Filter/ Recycler	Blender/ Recycler
Maximum Flow Rate	GPH / LPH 180 / 681	250 / 946	720 / 2725	1440 / 5450	2160 / 8175	3000/11355	180 / 681
Maximum Working Pressure	PSI/kPa N/A	15 / 103	30 / 207	30 / 207	30 / 207	150 / 1034	N/A
Service Filter Element Number required / unit	2020TM-OR 2	S3207 1	8021 / 8022 1 each	8021 / 8022 2 each	8021 / 8022 3 each	See 850 detail page	2020TM-OR 2
Port Sizes	1/2" NPT	1 1/4" NPT	1" NPT	1" NPT	1 1/4" NPT	1 1/2" NPT	1/2" NPT
Height	in / mm 46 / 1168	16 / 411	34 / 855	34 / 855	34 / 855	51 / 1295	46 / 1168
Width	in / mm 20 / 508	5.3 / 135	8.9 / 226	18 / 476	30 / 762	20 / 508	20 / 508
Depth	in / mm 24 / 610	5.3 / 135	9 / 229	16 / 394	16 / 394	21 / 533	24 / 610
Weight (dry)	Lbs./ kgs. 82 / 37	3.1 / 1.4	22 / 10	77 / 35	160 / 73	230 / 104	57 / 26
Clean Pressure Drop	PSI / kPa 1.5 / 10.2	1.0 / 6.9	3.2 / 22	6.0 / 41.4	5.2 / 35.9	3.0 / 20.1	1.2 / 8.5
Bowl / Sump Water Capacity	610 ml	82 ml	3.7 L	7.4 L	11.1 L	24 L	610 ml
Operating Temperature	-10° to+ 180°F / -23° to + 82°C						

SPECIFICATIONS are found on introduction page.

How to Order

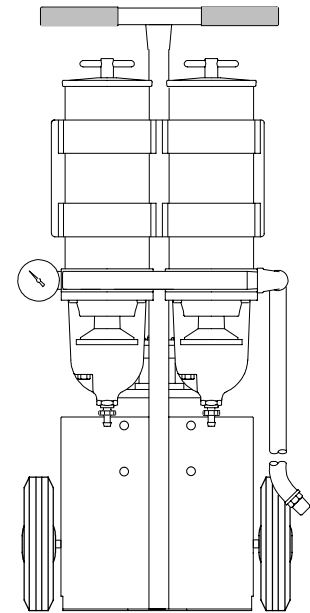
800D-5REC

- Portable Recirculating or Fuel Transfer unit.
- 180 GPH maximum flow rate.
- Power requirements: 120 Volts AC / 60 Hertz.
- Hoses are 5/8" I.D., 15 feet long.
- Vacuum/pressure gauge for monitoring element condition.
- Uses two (2) 2020TM filter elements.

Replacement Service Element

SERVICE ELEMENT INCLUDES LID SEAL.

2020TM-OR 10 Micron (Blue end caps)
The 800D-5REC uses two (2) elements



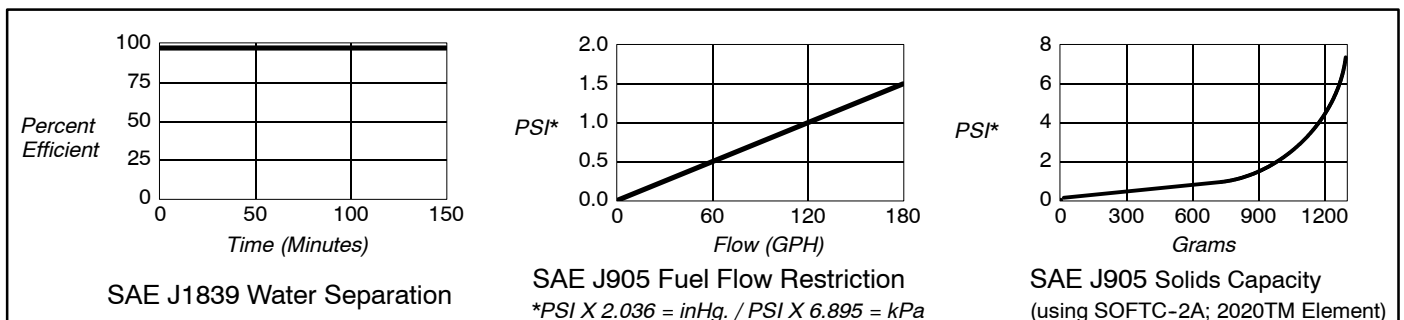
800D-5REC

Parts List

Item/Part No.	Description	Qty.
1 1000FG10	FF/WS *	2
2 RK18-1104	Compound gauge	1
3 RK 11892	Double manifold	2
4 RK18-1291	Mixer valve assembly	1
5 RK 11643	Motor / pump coupling	1
6 RK 18043	110/220 60 Hz motor	1
	3 gpm pump	1
7244	Installation Instructions	

* See Section One - Turbine Series for parts.

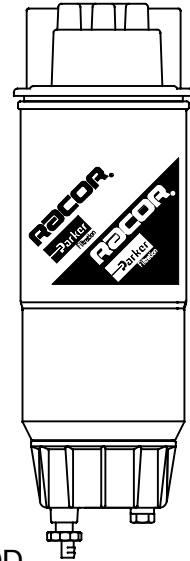
Performance Graphs -Results are from controlled laboratory tests. Field results may vary by application.



SPECIFICATIONS are found on the introduction page.

How to Order

8250D	Features
<p><u>Basic Model</u> 250 GPH. Call factory for available micron ratings and options not listed.</p>	<p>The 8250D is standard with 1 1/4" - 11 1/2 NPT (SAEJ476) ports, a 10 micron element and a see-thru bowl. The in-line head is designed for applications that do not require a mounting bracket.</p>



8250D

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Replacement Service Element -6/Case. Service Element Includes Top and Bowl Seals.

S3207	10 Micron -For primary / secondary filtration
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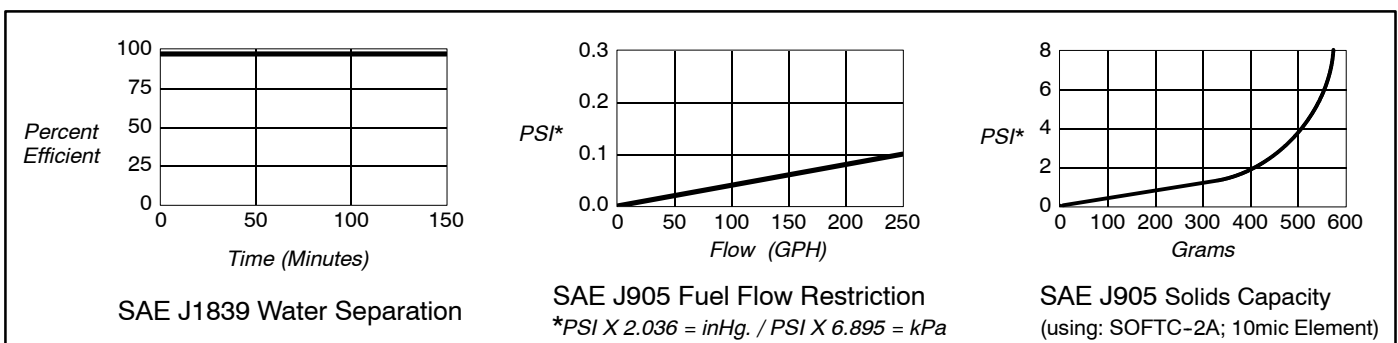
Parts List - The circled number corresponds to the item number shown in the parts list below.

Head top view.
Fuel ports are:
1 1/4" NPT
(SAEJ476)

5/16-18 UNC-2B
.43(.11) DEEP
6 PLACES

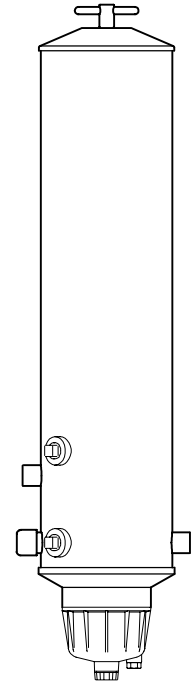
Item/Part No.	Description	Qty.
1	RK30368 8250 Head, 1-1/4" NPT Ports	1
2	RK30817 Port Plug, 1/4"NPT	10
3	S3207 10 micron Replacement Element	6
4	RK30965 Bowl / Element Gasket	10
5	RK30063 See-thru Bowl/Drain/Plug Assy.	1
	RK30900 Bowl Assy. & 12 vdc Heater	1
6	RK20126 Plastic Water Sensor Plug, SAE	1
	RK21069 Water Probe	1
7	30476 Drain Valve Knob	10
	22099 Drain Valve Seal	10
	31580 Installation Instructions, 8250D	

Performance Graphs - These results are from controlled laboratory tests. Field results may vary.



SPECIFICATIONS are found on *System introduction page*.

<h2>812</h2>	<h2>Features</h2>
<p><u>Basic Model</u> 720 GPH / 2725 LPH Stationary Fuel Filter / Water Separator that uses two standard Racor replacement elements. Installation is on the suction side of the pump for maximum efficiency and filter life.</p>	<ul style="list-style-type: none"> - Inlet/outlet ports: 1" - 11 1/2 NPTF - Rugged steel housing with two mounting brackets, with protective epoxy coating. - Removeable steel lid with T-handle for easy element access and fuel priming. - See-thru collection bowl allows quick visual inspection.



Replacement Service Elements -Order one (1) kit per unit.
SERVICE ELEMENT KIT INCLUDES LID SEAL.

<p>RK22610 Element Kit. Includes (1) 40 Micron Filter (upper position) and (1) Coalescing Filter (lower position)</p>
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Parts List

Overhead clearance required for element removal: 12" / 305mm.

TOP VIEW

INLET 1" NPTF MALE

OUTLET 1" NPTF MALE

3.38 (height from inlet to bowl)

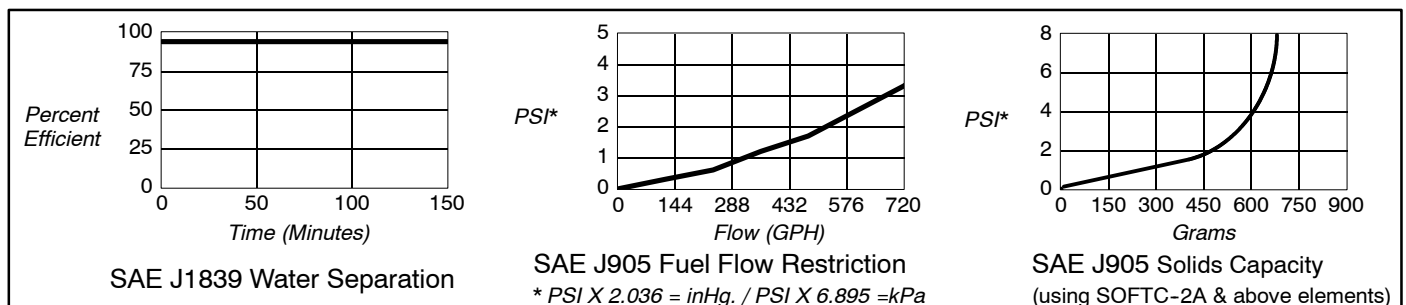
(Not to scale)

Item/Part No.	Description	Qty.
1 RK22682	T-Handle/Lid Assembly	1
2 RK22609	Lid Gasket	1
3 RK22610	Element Kit. (1)8021, (1)8022 and Includes Lid Gasket	1
4 RK11036	Bowl O-Ring	1
5 RK16017-01	Bowl Assembly	1
6 RK30058	Drain Valve Assembly	1
RK21069*	Water Probe (Option)	1
RK30880	Electronic Water Probe (Option)	1
22586	812 Installation Instructions	

**Must be used with a Water Detection Module.*

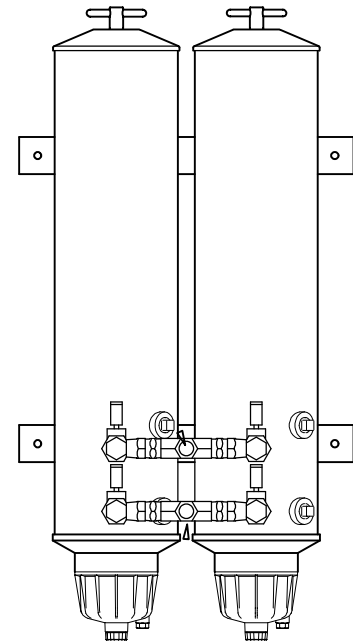
For parts not shown, call Racor customer service: (800) 344-3286, 6 AM to 5 PM, Pacific Time.

Performance Graphs -Results are from controlled laboratory tests. Field results may vary by application.



SPECIFICATIONS are found on *System introduction page*.

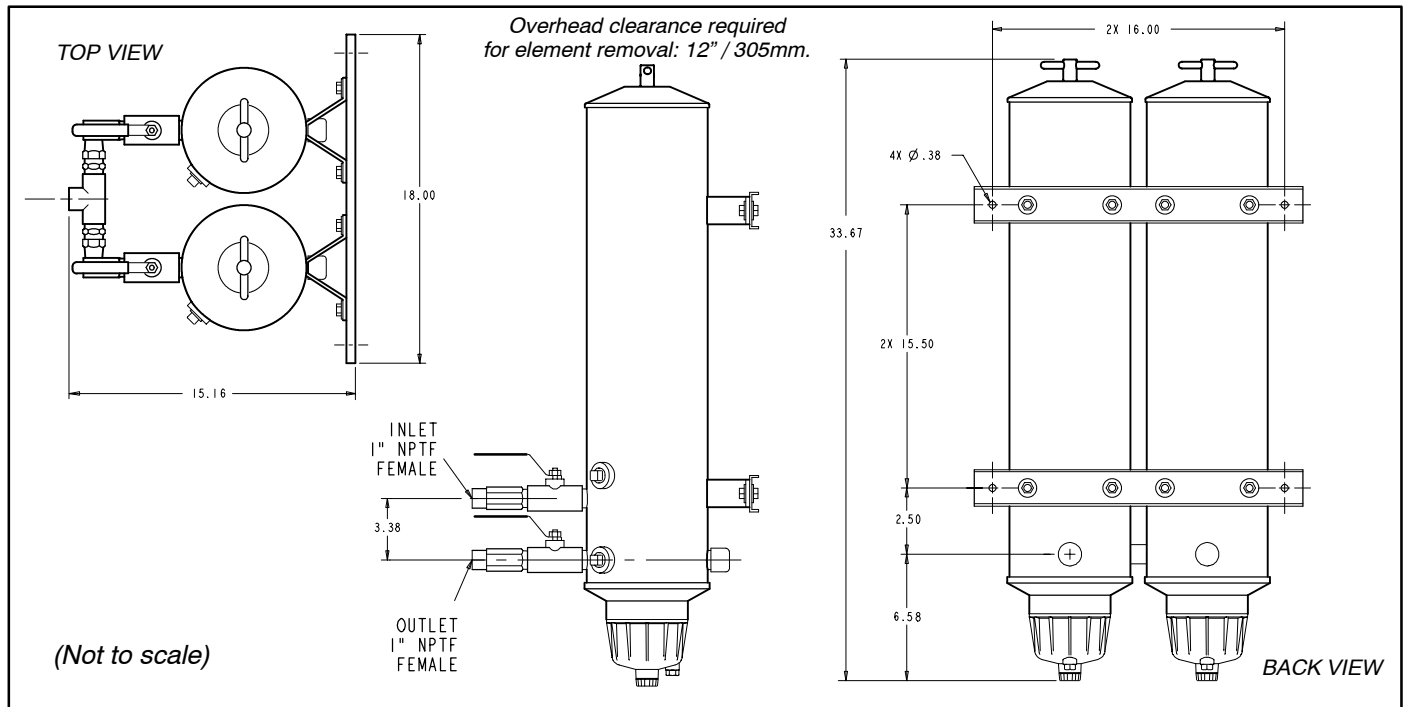
75812	Features
<p>Basic Model: 1440 GPH / 5450 LPH Duplex, stationary fuel filter / water separator. Includes isolator ball valves for servicing while engine is running.</p>	<ul style="list-style-type: none"> - Inlet/outlet ports: 1" - 11 1/2 NPTF - Rugged steel housing with two mounting brackets, with protective epoxy coating. - Removeable steel lid with T-handle for easy element access and fuel priming. - See-thru collection bowl allows quick visual inspection.



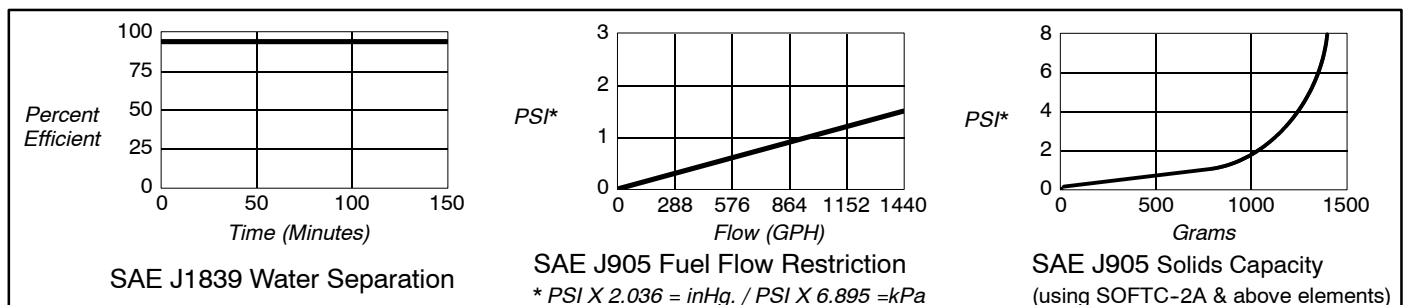
Replacement Service Elements -Order two (2) kits per unit.
SERVICE ELEMENT KIT INCLUDES LID SEAL.

RK22610 Element Kit. Includes (1) 40 Micron Filter (upper position) and (1) Coalescing Filter (lower position)

Mounting Bolt Pattern -See Model 812 for available parts.

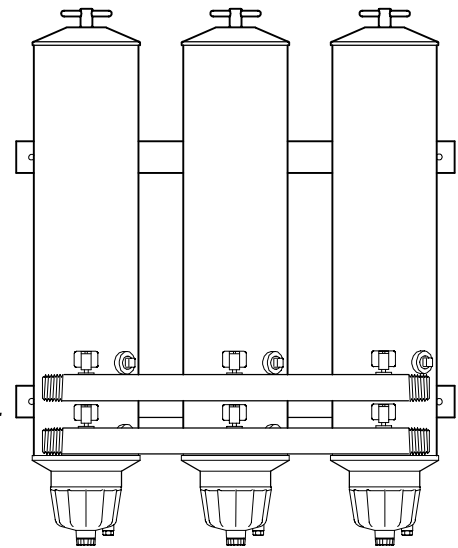


Performance Graphs -Results are from controlled laboratory tests. Field results may vary by application.



SPECIFICATIONS are found on *System introduction page*.

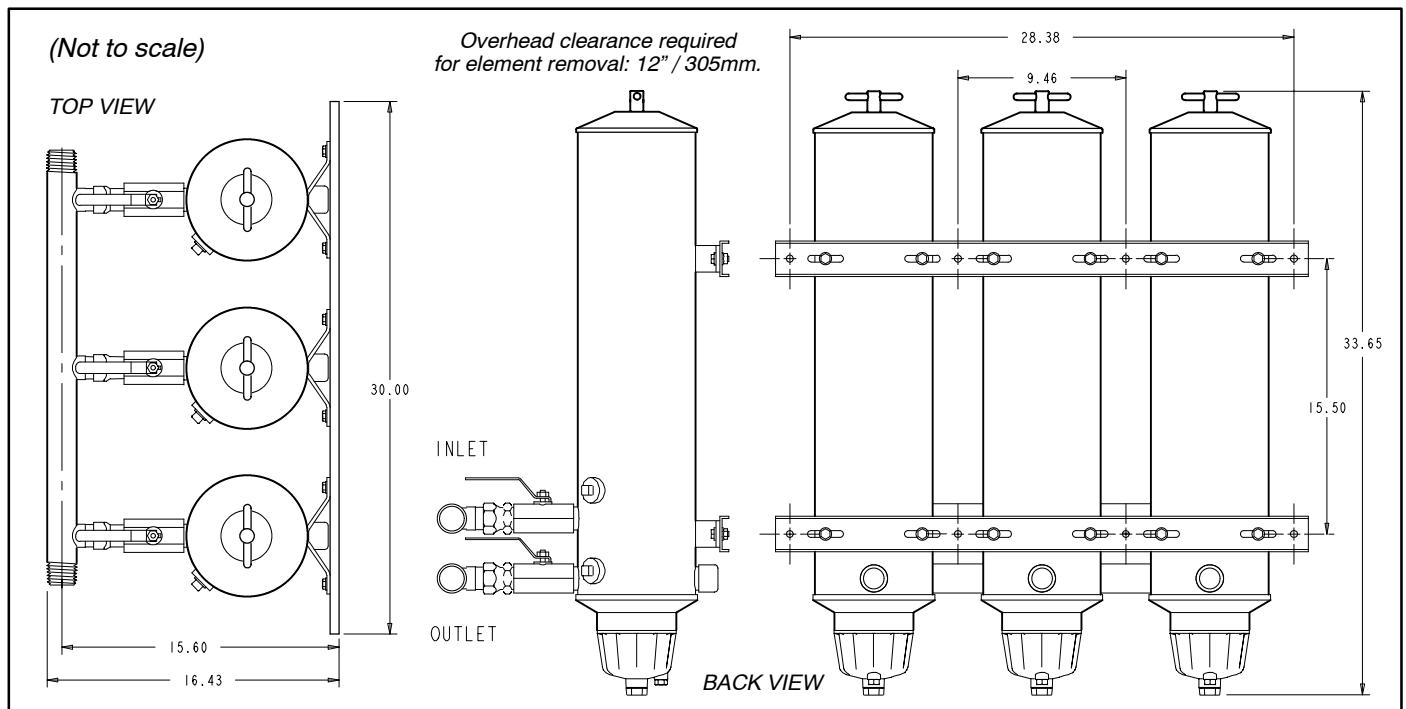
79812	Features
<p><u>Basic Model:</u> 2160 GPH / 8175 LPH Triplex, stationary fuel filter / water separator. Includes isolator ball valves for servicing while engine is running.</p>	<ul style="list-style-type: none"> - Inlet/outlet ports: 1 1/4" - 11 1/2 NPTF - Rugged steel housing with two mounting brackets, with protective epoxy coating. - Removeable steel lid with T-handle for easy element access and fuel priming. - See-thru collection bowl allows quick visual inspection.



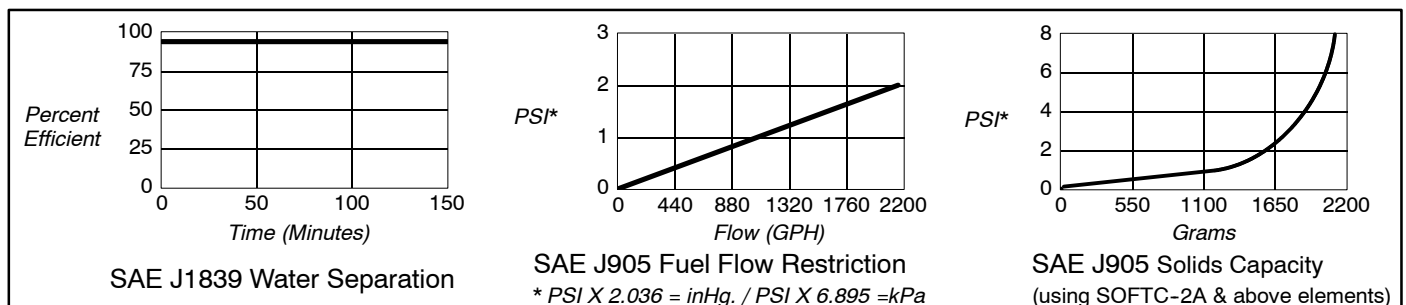
Replacement Service Elements -Order three (3) kits per unit.
SERVICE ELEMENT KIT INCLUDES LID SEAL.

RK22610 Element Kit. Includes (1) 40 Micron Filter (upper position) and (1) Coalescing Filter (lower position)

Mounting Bolt Pattern -See Model 812 for available parts.



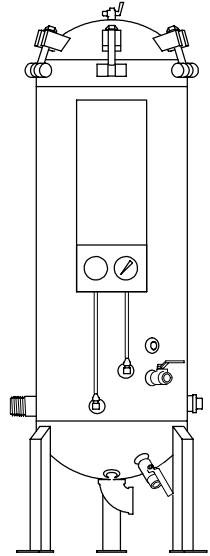
Performance Graphs -Results are from controlled laboratory tests. Field results may vary by application.



SPECIFICATIONS are found on *System introduction page*.

How to Order -The example below illustrates how the part numbers are constructed.

850	WS
<p><u>Basic Model</u> 3000 GPH Constructed to A S M E guidelines. Water sight ports and two manual drain valves are standard.</p>	<p><u>Options</u> 'MD' Basic model with manual drains 'WS' Manual Drain and Water Probe 'H' Manual Drain and 1000 watt Heater 'WSH' Manual Drain, Water Probe and Heater 'SG' Manual Drain and Switch/gauge 'SGWS' Manual Drain, Water Probe and Switch/gauge 'SGWSH' Manual Drain, Water Probe, Heater and Switch/gauge 'AD' 110 VAC Automatic Drain, Water Probe and Switch/gauge</p>



3

Replacement Service Elements -Service elements **DO NOT** include the tank O-ring. See parts list.

The 850 typically uses 7 '8021' 40 micron filtration elements (upper) and 7 '8022' coalescing elements (lower).

RK8023S/CM Includes (7) 8021 40 micron elements and (7) 8022 Coalescing elements.

RK18-1669 Includes (14) 8021 40 micron elements.

RK18-1683 Includes (7) 8022 Coalescing elements and (7) dual-stage 10/40 micron elements.

Mounting Hole Pattern / Parts List

23" (584 mm) overhead clearance required for element removal.

Top View
(Not to scale)

Bolt Pattern

17.13" (435 mm) 5/8" fastener bolt circle. Three spaced 120° apart.

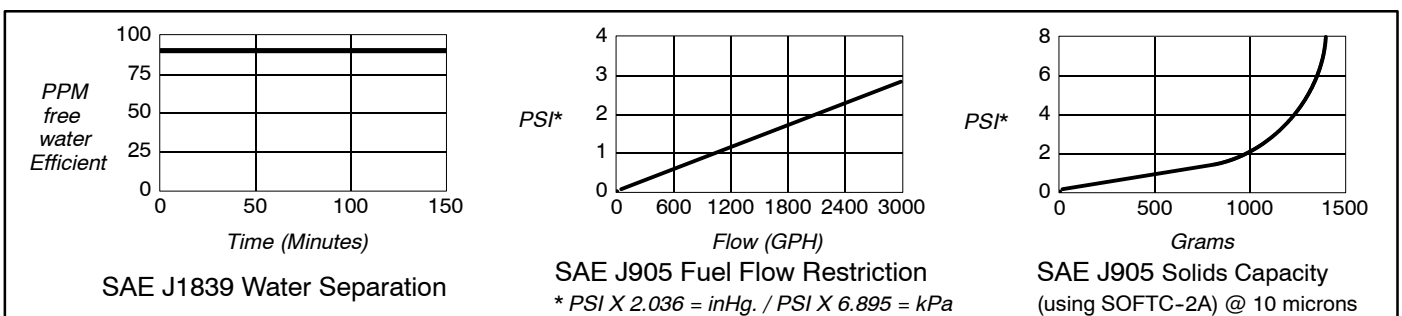
Inlet: 1 1/2"NPT

Outlet: 1 1/2"NPT

Item/Part No.	Description	Qty.
1 RK18-1441	O-Ring, 14" diameter	1
2 18-1369	Pressure Relief Valve	1
3 RK20726	Water Detector Gauge	1
4 RK18-1422	Pressure Gauge	1
5 RK18-1371	Sight Plug	1
6 RK18-1454	Water Probe	1
18-1392	Installation Instructions	

For parts not listed, call Racor customer service:
(800) 344-3286, 6 AM to 5 PM, Pacific Time.

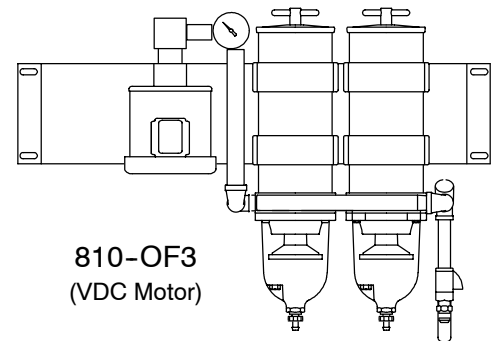
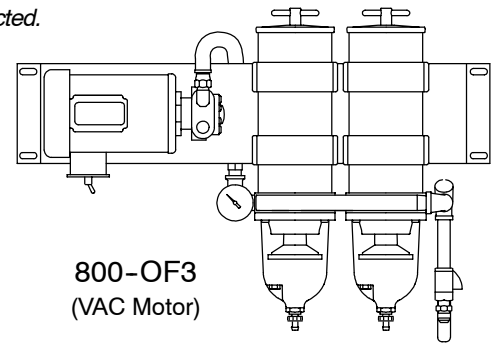
Performance Graphs -Results are from controlled laboratory tests. Field results may vary by application.



SPECIFICATIONS are found on Introduction page.

How to Order -The example below illustrates how the part numbers are constructed.

800D-OF3	D
Recycler/Blenders: 180 GPH	Motor Voltage: Specify one.
800D-OF3: VAC Model.	'A' 12 VDC
Specify one voltage from D to G.	'B' 24 VDC
810D-OF3: VDC Model.	'D' 100 VAC / 60 Hz
Specify one voltage: A or B.	'E' 110 VAC / 50 Hz
	'F' 220 VAC / 60 Hz
	'G' 220 VAC / 50 Hz

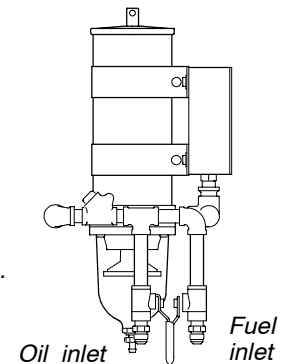
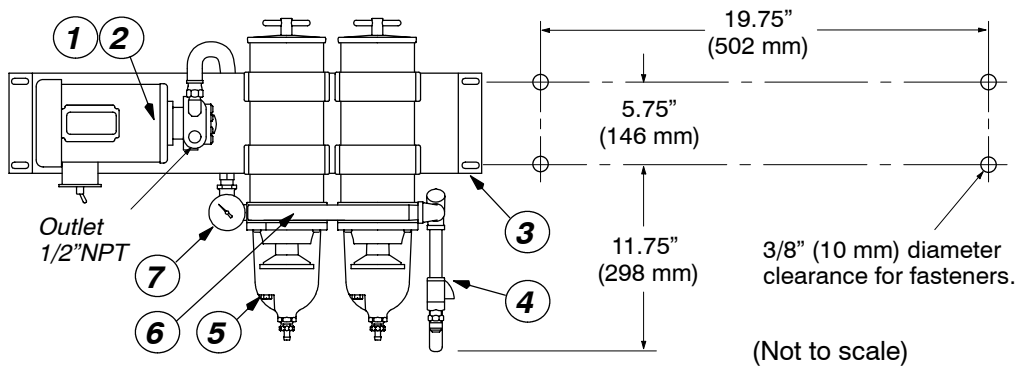


Replacement Service Elements

SERVICE ELEMENTS INCLUDE LID SEALS.

2020TM-OR 10 Micron (Blue end caps)
These models use two (2) elements

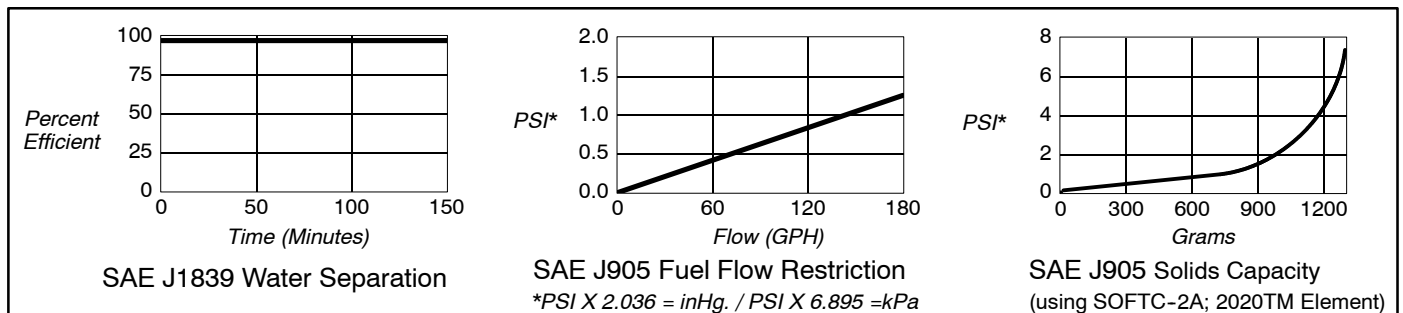
Mounting Hole Pattern / Parts List



Item/Part No.	Description	Qty.	Item/Part No.	Description	Qty.
1 RK11643	Motor / pump coupling	1	4 RK18-1291	Mixer valve assembly	1
2 RK18043	110/220 60 Hz motor/3 gpm pump	1	5 1000FG10	FF/WS *	2
RK18544	110/220 50 Hz motor/3 gpm pump	1	6 RK11892	Double manifold	2
RK18-1144	12 VDC motor/3 gpm pump	1	7 RK18-1104	Compound gauge	1
RK18-1145	24 VDC motor/3 gpm pump	1	7245	Installation Instructions	
3 RK18999	Main mounting bracket	1	* See Section One - Turbine Series for parts listing.		

Performance Graphs

-Results are from controlled laboratory tests. Field results may vary by application.



Selection Information

General

The hydraulic filtering units in this section remove solid contamination and water from petroleum based fluids such as hydraulic fluid, gear and lube oils ensuring clean contaminant free fluids. Racor filter carts can be used to prefilter fluids, transfer fluids, or to clean existing systems.

1. DETERMINE THE TYPE OF FLUIDS (Viscosity) TO BE FILTERED.

Generally, the HFC 60039-5 (5 gpm) unit can pump and filter medium fuel/oil fluids up to 3000 SUS (Saybolt Universal Seconds) or 647 cSt (Centistokes) with an .85 specific gravity.

The HFC 60039-10 (10 gpm) unit can pump and filter medium fuel/fluids up to 500 SUS or 108 cSt with an .85 specific gravity.

Using this information, a unit from the following page index which exceeds the maximum fuel flow demand, if any.

Reference Information

Typical Fluid Cleanliness Level Requirements

Many manufacturers of hydraulic components have established fluid cleanliness levels for their components. Using a portable filter cart can be a very effective way to reach and maintain these cleanliness levels.

Component	Cleanliness Level (ISO*)
Servo control valves	14 / 11
Vane and piston pumps/motors	16 / 13
Directional & pressure control valves	16 / 13
Gear pumps/motors	17 / 14
Flow control valves/cylinders	18 / 15

Filter Cart Performance

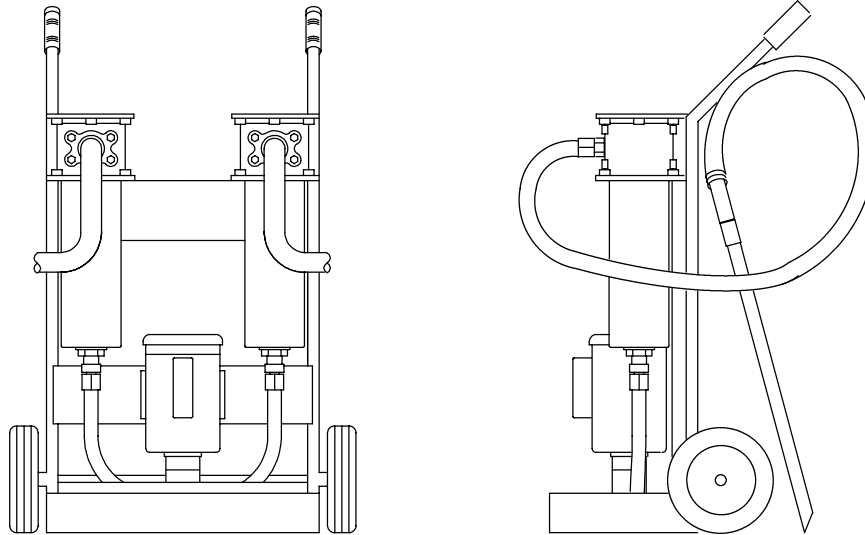
Fluid cleanliness levels are a function of initial contamination levels, contamination ingress rates, reservoir size and filter element efficiency. The chart below lists time requirements to achieve certain cleanliness levels, based on the assumptions noticed.

Reservoir Capacity (Gallons)	Time Required (Hours)	Projected Cleanliness Level (ISO*)
50	.5	18 / 15
50	1	15 / 12
50	2.5	14 / 11
100	1.5	16 / 13
100	2.5	15 / 12
100	4	14 / 11
200	2.5	17 / 14
200	3.5	16 / 13
200	5	15 / 12

* - International Standards Organization

Results are based on the following assumptions: (1) Initial contamination level is 500,000 particles greater than 10 micrometers per 100 ml. of fluid. (HFC60039-10). (2) Inlet filter fitted with 40SA element, outlet with 10C element and (3) System ingress rate equal to 1 X 10⁶ particles greater than 10 micrometers entering the system per minute.

Model Illustrations



3

Selection Information

1. The Hydraulic Filtering System is standard with a 40 micron filter in the inlet and a 10 micron filter on the outlet.
2. Different micron ratings are available but must be ordered separately.
3. Two different types of rubber seals are available: Buna-nitrile (standard) or Viton. See the operating temperature ranges in the specifications block below if the operating temperature is a factor.

Special Notes

1. For additional information and availability, contact customer service at: (800) 344-3286, 6 AM to 5 PM, Pacific Time.

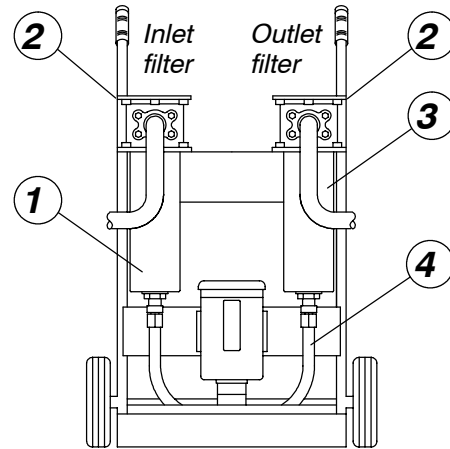
Specifications

BASIC MODELS		HFC 60039-5	HFC 60039-10
Fluid Filtered		Petroleum based fluids such as hydraulic, gear and lube oils	
Available Filter Elements		40W, 40SA, 20C, 10C, 03C, 10B, 03B, WR	
Maximum Flow Capacity			
Gallons per minute	(GPM)	5	10
Liters per minute	(LPM)	19	38
Maximum Pressure	PSI	25	25
Height	in.	40.5	40.5
	mm	1029	1029
Width	in.	25.5	25.5
	mm	648	648
Depth	in.	19	19
	mm	483	483
Weight (dry)	lbs.	110	110
	kgs.	50	50
Operating Temperature			
(using Buna nitrile seals)		- 40° / +225° F / -40° / +107° C	
(using Viton* registered Dupont trademark)		- 20° / +300° F / -29° / +149° C	

SPECIFICATIONS are found on Hydraulic Filtering Systems introduction page.

How to Order -The Racor Hydraulic Filter Cart is standard with a 10 GPM pump, 40 micron inlet filter and 10 micron outlet filter elements. The standard seals are Buna nitrile.

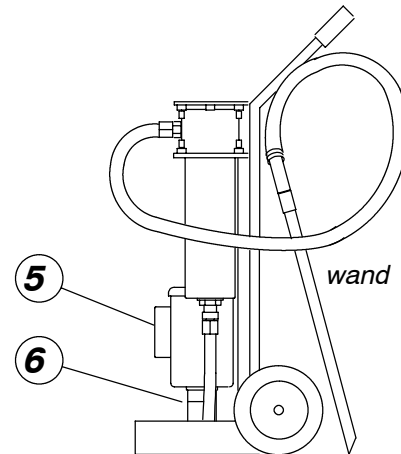
HFC 60039	- 10
Standard Unit: See Features Section Block Below. The standard inlet filter is 40 micron and the outlet filter is 10 micron.	Flow Rate '-5' : 5 GPM (3000 SUS Max.) '-10' : 10 GPM (500 SUS Max.)



Interceptor Hydraulic Cartridge Elements

-The elements do not include the housing cover O-ring.

Part number	Media	Description	Case Qty.
IN FC60039	40SA	40 Micron, Synthetic	1
IN FC60045	40W	40 Micron, Wire Mesh	1
IN FC60042	20C	20 Micron, Cellulose	1
IN FC60044	10B	10 Micron, Microglass	1
IN FC60041	10C	10 Micron, Cellulose	1
IN FC60043	03B	3 Micron, Microglass	1
IN FC60040	03C	3 Micron, Cellulose	1
IN FC60065	WR	Water Removing Media	1



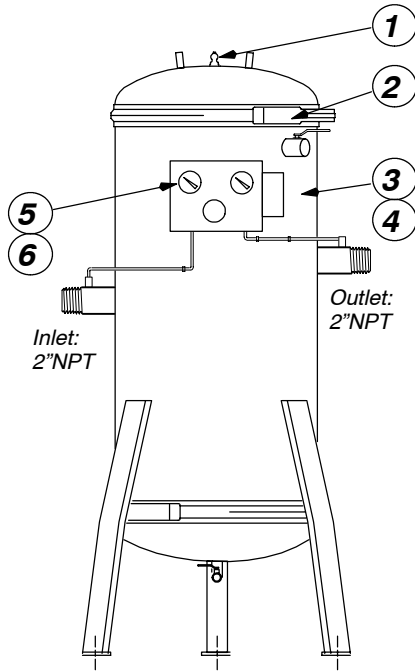
Features and Parts List

<ul style="list-style-type: none"> - The HFC 60039-5 has a 1/2 HP, 1725 RPM, 110 VAC/ 60 Hz, 10 amp motor with thermal overload protection and the HFC 60039-10 has a 3/4 HP, 3450 RPM, 110 VAC/60 Hz, 10 amp motor, also with thermal overload protection. - Both units feature an industrial quality precision gear pump for smooth, quiet, reliable service. - Removable filter housing top covers for simple, clean servicing of the two filter elements. - Two filters ensure pump protection and two-stage filtration for long element life. - A wide variety of particulate filter elements are available to obtain desired cleanliness levels. The WR element removes "free-water" from filtered fluids upon contact with the polymer filter. - A standard visual indicator on the filter head tells when it is time to change the elements. - The inlet and outlet hoses are eleven (11) feet long and include rigid PVC wands for easy handling. - The lightweight portable steel frame includes a built-in drip pan beneath the filters and pump to help keep the work area safe and clean. 	<table border="1"> <thead> <tr> <th>Item/Part No.</th> <th>Description</th> <th>Qty.</th> </tr> </thead> <tbody> <tr> <td colspan="3">1. INLET FILTER REPLACEMENTS</td> </tr> <tr> <td>IN FC60039</td> <td>40SA, 40 mic. Synthetic</td> <td>1</td> </tr> <tr> <td>IN FC60045</td> <td>40W, 40 mic. Stainless Mesh</td> <td>1</td> </tr> <tr> <td>IN FC60042</td> <td>20C, 20 mic. Cellulose</td> <td>1</td> </tr> <tr> <td colspan="3">2. IN FC60097 Filter Cover O-ring , Buna-N 1</td> </tr> <tr> <td colspan="3">3. OUTLET FILTER REPLACEMENTS</td> </tr> <tr> <td>IN FC60041</td> <td>10C, 10 mic. Cellulose</td> <td>1</td> </tr> <tr> <td>IN FC60040</td> <td>03C, 3 mic. Cellulose</td> <td>1</td> </tr> <tr> <td>IN FC60044</td> <td>10B, 10 mic. Microglass</td> <td>1</td> </tr> <tr> <td>IN FC60043</td> <td>03B, 3 mic. Microglass</td> <td>1</td> </tr> <tr> <td>IN FC60065</td> <td>WR, Water Removing Media</td> <td>1</td> </tr> <tr> <td>4. IN FC60047</td> <td>Hose Assembly, Buna-Nitrile</td> <td>1</td> </tr> <tr> <td>5. IN FC60048</td> <td>3/4 HP, Motor</td> <td>1</td> </tr> <tr> <td>6. IN FC60050</td> <td>Pump (all models)</td> <td>1</td> </tr> </tbody> </table>	Item/Part No.	Description	Qty.	1. INLET FILTER REPLACEMENTS			IN FC60039	40SA, 40 mic. Synthetic	1	IN FC60045	40W, 40 mic. Stainless Mesh	1	IN FC60042	20C, 20 mic. Cellulose	1	2. IN FC60097 Filter Cover O-ring , Buna-N 1			3. OUTLET FILTER REPLACEMENTS			IN FC60041	10C, 10 mic. Cellulose	1	IN FC60040	03C, 3 mic. Cellulose	1	IN FC60044	10B, 10 mic. Microglass	1	IN FC60043	03B, 3 mic. Microglass	1	IN FC60065	WR, Water Removing Media	1	4. IN FC60047	Hose Assembly, Buna-Nitrile	1	5. IN FC60048	3/4 HP, Motor	1	6. IN FC60050	Pump (all models)	1
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Discontinued Models

Model 800A-30

The 800A-30 was replaced by the 800D-20. The circled number corresponds to the item number shown below.

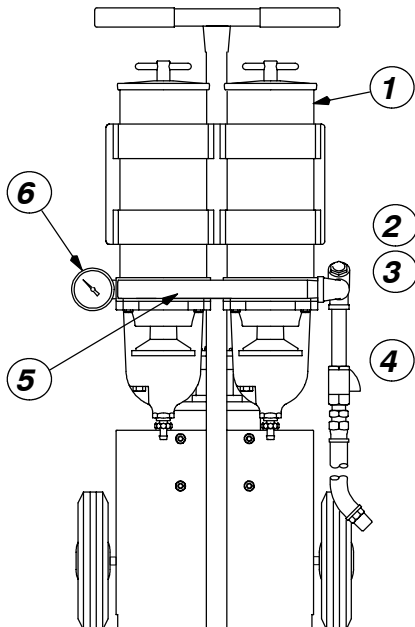


Item/Part No.	Description	Case Qty.
1	RK11042 Air Vent	1
2	RK18001 Lid O-ring (not shown)	1
3	2020SM Replacement Element, 2 micron	12
	2020TM Replacement Element, 10 micron	12
	2020PM Replacement Element, 30 micron	12
<i>NOTE: This unit uses a total of 10 elements.</i>		
4	18020 Capscrew, 9/16"-18 X 1"	1
5	18032 Instrument Box	1
6	RK11233 Vacuum Gauge	1

-For parts not shown, call Racor customer service.

Model 800D-5

The 800D-5 has been replaced by the 800D-5REC and the 800D-OF3 which feature more available options and versatility. The circled number corresponds to the item number shown below.



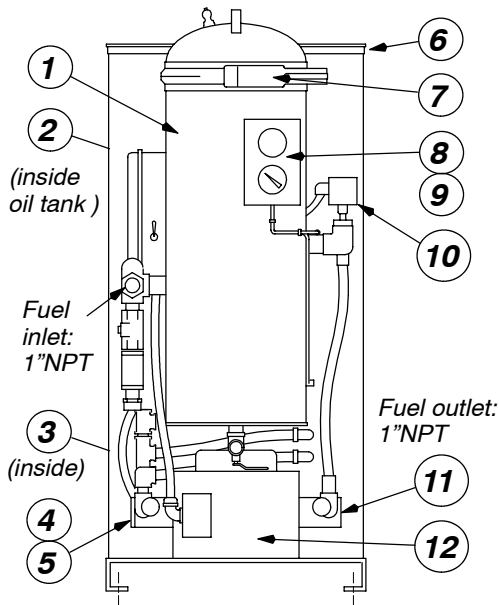
Item/Part No.	Description	Case Qty.
1	1000FG10 FF/WS *	2
	2020TM-OR Filter Cartridge, 10 micron	
	This unit uses 2 elements	12
2	RK 11643 Motor / pump coupling	1
3	RK 18043 110/220 60 Hz motor	
	3 gpm pump	1
	RK 18544 110/220 50 Hz motor	
	3 gpm pump	1
	RK 18-1144 12 VDC motor, 3 gpm pump	1
	RK 18-1145 24 VDC motor, 3 gpm pump	1
4	RK18-1291 Mixer valve assembly	1
5	RK 11892 Double manifold	2
6	RK18-1104 Compound gauge	1
	7244 Installation Instructions	1

-For parts not shown, call Racor customer service.

Discontinued Models

Model 800D-OF6, 808D-OF6

The 800D-OF6, 808D-OF6 and 800DOF6 MBL were replaced by the 800D-OF3. The circled number corresponds to the item number shown below.



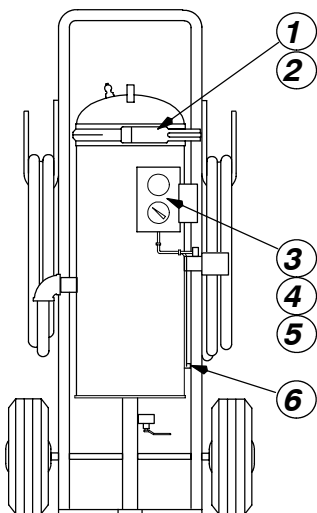
Item/Part No.	Description	Case Qty.
1	800D-12 Stationary filter unit	1
2	RK18-1127 Oil strainer bag	1
	2020TM Filter Cartridge, 10 micron	
	This unit uses 3 elements	12
3	2050SM-OF Oil pre-filter	1
4	RK 11643 Motor / pump coupling	1
5	18-1232 Oil pump/ .5 gpm	1
6	RK18-1167 Reservoir lid seal	1
7	RK 18678 O-ring, 10" diameter	1
8	RK20726 Water detector gauge	1
9	RK18-1104 Compound gauge	1
10	RK18-1238 Vacuum switch	1
11	18648 Diesel pump / 6 gpm	1
12	18-1233 Motor, 1/3 HP dual shaft	1
	18647 Motor, 1/3 HP (808D -not shown)	1
	7243 Installation Instructions	

-For parts not shown, call Racor customer service.

3

Model 800D-6D

The 800D-6D has been replaced by the 800D-5REC. The circled number corresponds to the item number shown below.



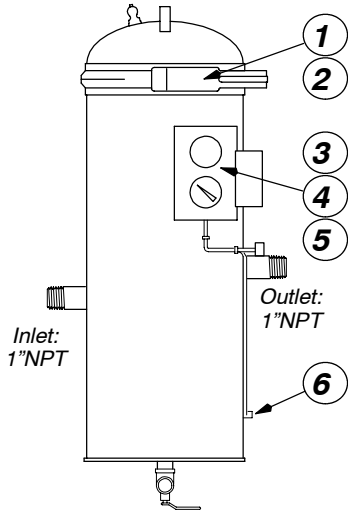
Item/Part No.	Description	Case Qty.
1	RK18565 Retainer Clamp	1
2	RK18678 O-ring, 10" diameter	1
	2020TM Filter Cartridge, 10 micron	
	This unit uses 3 elements	12
3	RK18-1104 Compound Gauge	1
4	RK20726 Water Detector Gauge	1
5	RK18-1458 Transformer, AC to DC	1
6	RK18225 Water Sensor Probe	1
7	18184 1/3 HP, 110 VAC Motor	
	60 Hz. / 1725 RPM	
	6 GPM gear pump	
	Max. lift: 25' @ 25 inHg.	
	Max. head: 80' @ 35 psi.	1
	7244 Installation Instructions	1

-For parts not shown, call Racor customer service.

Discontinued Models

Model 800D-12

The 800D-12 has been replaced by the 812. The circled number corresponds to the item number shown below.

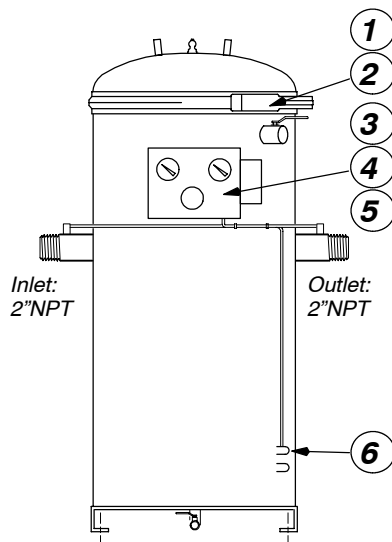


Item/Part No.	Description	Case Qty.
1	RK18565 Retainer Clamp	1
2	RK18678 O-ring, 10" diameter	1
	2020TM Filter Cartridge, 10 micron	
	This unit uses 3 elements	12
3	RK18-1104 Compound Gauge	1
4	RK20726 Water Detector Gauge	1
5	RK18-1458 Transformer, AC to DC	1
6	RK18225 Water Sensor Probe	1
	7237 Installation Instructions	1

-For parts not shown, call Racor customer service.

Model 800D-20

The 800D-20 has been replaced by the 75812. The circled number corresponds to the item number shown below.



Item/Part No.	Description	Case Qty.
1	RK18609 Retainer Clamp, 18"	1
2	RK18677 O-ring, 18" diameter	1
	2020TM Filter Cartridge, 10 micron	
	This unit uses 10 elements	12
3	RK18-1104 Compound Gauge	1
4	RK20726 Water Detector Gauge	1
5	RK18-1458 Transformer, AC to DC	1
6	RK18225 Water Sensor Probe	1
	7237 Installation Instructions	1

-For parts not shown, call Racor customer service.

