



aerospace  
climate control  
electromechanical  
**filtration**  
fluid & gas handling  
hydraulics  
pneumatics  
process control  
sealing & shielding



# Racor Filter Division Europe – Distribution Products

Fuel, Air, CCV and Hydrocarbon Filtration Solutions



# An Introduction to Distributor Products

## The quality solution

For more than 40 years Parker has been an innovator in diesel fuel filtration and water separation. Providing OEMs and end users with quality filtration solutions. The information contained here is designed to support our distributors in identifying key products: – filter assemblies, replacement elements and more, aimed specifically at the small OEM and MRO markets.

## Product technology and design innovations

As one of the world's leading manufacturers of fuel filtration products, we pride ourselves on our commitment to innovative products and our distributors play a vital role in achieving this consistently, providing local service, support and stock.

## Turbine Series

High grade aluminium components and powder coat paints mean that corrosion is never a worry.

Durable single bolt mounting bracket doubles resistance to vibration fatigue.

300-watt heaters improve cold starting – thermostats are standard to meet the requirements of today's electronic engines.

Polymer bowl withstands impact and temperature extremes.

Self-venting drain. A single twist makes draining clean, fast and easy.

Aquabloc media expels water and keeps engines waterproof, rustproof and dirtproof.



## Spin-On Series

Die cast aluminium heads with multiple ports make installation as easy as adding options.

Powerful primer pumps are integrated into mounting heads.

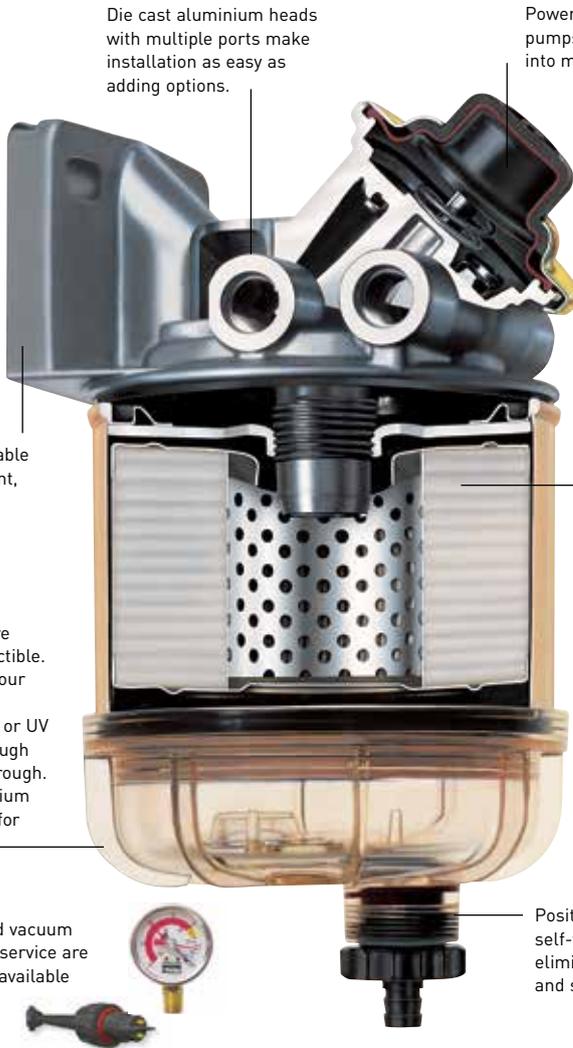
The best gaskets and o-rings available promise consistent, sure seals.

Polymer bowls are virtually indestructible. They won't discolour from exposure to alcohol, additives or UV light – a see-through that stays see-through. A die cast aluminium bowl is available for most models.

Water sensor and vacuum gauges to signal service are valuable options available for most models.

Aquabloc II media is corrugated, allowing greater surface area exposure for fuel filtration and an increased dirt-holding capacity.

Positive seal self-venting drain eliminates leaks and speeds service.



With an Aquabloc II replacement element, you get a complete kit with all the seals you need.

Aquabloc II media is a blend of high grade cellulose compounded with resins and a special chemical treatment.



## All-season dependability

Racor see-through bowls are constructed of high grade polymers engineered to withstand the rigours of nature and demanding applications. They won't discolour from exposure to ultra violet light. They are impervious to the chemicals and additives often found in diesel fuel. They withstand severe freezing temperature as well as impact from flying stones and road hazards.

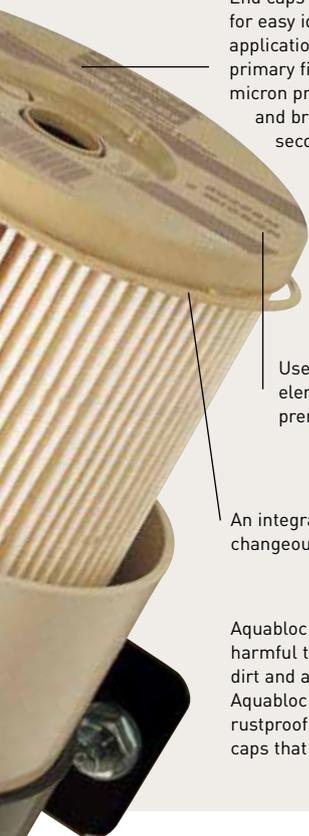
## Crankcase Ventilation Solutions

### The first name in fuel filtration is also the most improved

Every engine runs better with a system that cleans fuel, removes water, heats fuel and senses when it's time for service. The system is the Racor Turbine Series and it's the most complete, most efficient, most reliable high-capacity engine protection you can install. A system that protects your investment in engines and fuel.



End caps are colour-coded for easy identification and application – red for 30 micron primary filtration, blue for 10 micron primary or secondary, and brown for 2 micron secondary/final filtration.



Use original Racor filter elements to ensure premium performance.

An integral handle makes changeouts easy.

Aquabloc II elements filter harmful tiny particles of dirt and algae from fuel. Aquabloc II elements are rustproof – with polymer end caps that won't ever corrode.

Crankcase blow-by is produced when combustion gases under high pressure are blown past the piston rings into the crankcase. As these blow-by gases pass through the crankcase, they become contaminated with oil mist.

Open and unfiltered engine crankcase breathers allow oil and soot laden mist to vent to atmosphere.

Environmental concerns, EPA and European legislation prohibit the emission of untreated crankcase gases into the atmosphere.

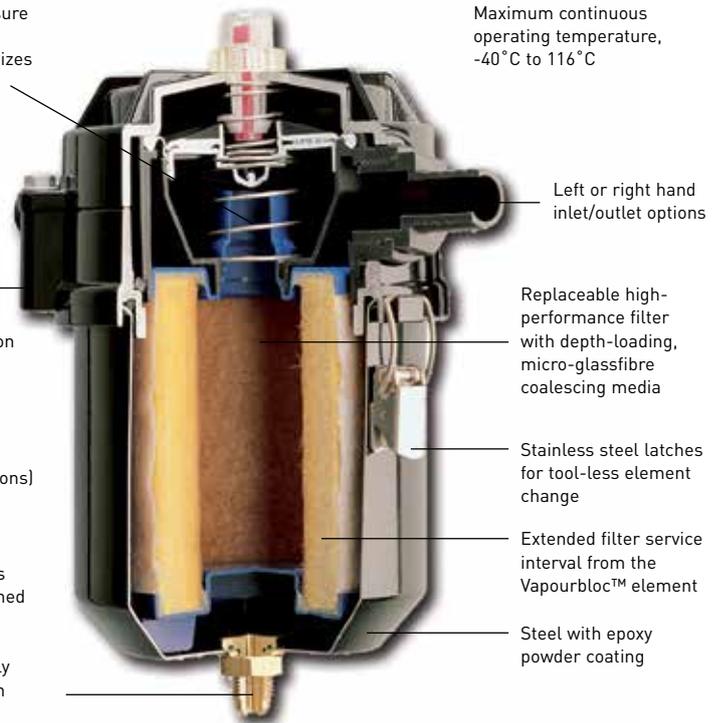
The Racor Crankcase ventilation system removes soot from blow-by gases whilst returning coalesced oil mist back to the crankcase. The filtered gases can then either be safely vented to atmosphere or returned to the air intake of the turbocharger.

Unique crankcase pressure regulator with integral bypass valve that minimizes variation in crankcase pressure. Excessive variation in crankcase pressure can damage seals, cause loss of oil and other problems

Durable glass-filled nylon components

High efficiency oil separation to 0.3µ (microns)

Drain check valve allows collected oil to be returned to the crankcase. This eliminates frequent draining and significantly reduces oil consumption



Maximum continuous operating temperature, -40°C to 116°C

Left or right hand inlet/outlet options

Replaceable high-performance filter with depth-loading, micro-glassfibre coalescing media

Stainless steel latches for tool-less element change

Extended filter service interval from the Vapourbloc™ element

Steel with epoxy powder coating

### Closed Crankcase Ventilation

- In closed environments like generator set and marine engine rooms, damage to surrounding equipment such as radiators and electronic control panels can cause hazardous conditions, down time and expensive maintenance.
- Oil mist will coat and contaminate the aftercooler and other engine components. This coating reduces engine cooling capacity, causes a degradation of engine performance and reliability over time, and shortens the useful service life of the engine components.
- The engine intake inhales contaminated gasses, clogging air filter systems and damaging turbo-charger components. It is imperative that oil mist be removed from the crankcase emissions prior to introduction into the engine air intake in closed breather systems.



## Engine Air Filtration

### Air filtration solutions in everyday situations

Fresh air. That's what Racor air filtration is all about. Because when engines breathe easier they perform better – with more power, more torque and with improved fuel economy. The Racor lineup includes heavy duty air cleaners and pre-cleaners, crankcase ventilation, marine filter/silencers, cabin air filters and replacement elements.



The **ECO II** is a lightweight, compact easy fit, economical air cleaner offering maximum efficiency for light to medium duty applications. The ECO II can also be rotated to position the air intake at any angle. It also has a water resistant paper, which gives engine protection in moisture laden environments.

The **AF Series Filters and Pre-Cleaners** are designed to be connected to the air intake of gasoline or diesel engines. A full range of complete air cleaners, pre-cleaners and combination air/pre-cleaner units are available for engines from 30 to 600HP.



ECOII and AF Series

## Hydrocarbon Filtration

### Quality filtration that meets the standards

Parker Racor Hydrocarbon filter vessels and elements available for industries and applications such as: refineries, pipelines, bulk storage terminals and fuel dispensing equipment.

Finer filtration, cleaner, drier hydrocarbon products and extended element change intervals offering increased uptime and lower maintenance costs.



## Oil Bypass Filtration Solutions

Racor Absolute Oil Bypass is a unique oil cleaning system that puts theoretical filtration principles and mechanisms into practice.

The filter design forces the oil to flow through 114mm of filtration media and to pass through 3 stages of different densities. The bigger particles are retained on the top of the filter, smaller particles are trapped (50 to 5 micron) in the first stage, and the smallest particles (less than 5 micron) are trapped in the lower compressed part of the filter.

The progressive removal of particles results in a very high dirt absorption capacity.



### Racor Bypass Oil Cleaner Benefits

- Removing up to 99% of all solid contaminants
- Reducing free water concentration to less than 100ppm
- Eliminating resins and oxidation products
- Longer life for engine components
- Significant reduction of oil consumption and oil disposal cost
- 2 to 4 times fewer expensive full flow filter cartridges
- An important decrease of equipment down time
- Reduce operating cost
- Increase profit



## Parker Racor Fact File:

- Every engine runs better with a system that cleans fuel, removes water, heats fuel and senses when it's time for service
- The solution is a Turbine, Spin-On or Hydrocarbon filter system
- Aquabloc II media is fitted as standard. Proven media that expels water and keeps engines waterproof, rustproof and dirtproof
- An Aquabloc II replacement element or filter comes as a kit complete with all the required seals
- Parker Racor is also the first name in marine filtration with a comprehensive range of marine spin-on and turbine options proven in both the leisure craft and commercial boat sectors



## FBO Filter Assembly

Racors' FBO-10 and FBO-14 filter assemblies are designed to meet the toughest hydrocarbon refuelling conditions and provide for ease of filter change outs. The FBO Assembly can flow at up to 75 US GPM (284 lpm) depending on the model, the elements installed and fuel being filtered.

The FBO assembly can be used on mobile refuellers or installed in refuelling cabinets.

The FBO can also be used for diesel fuel dispensing pumps or as a primary fuel filter/water separator for large diesel engines.

The versatile FBO-10 and the FBO-14 filter assemblies have three element options to meet most applications; particulate removal, water coalescing and water absorption.



### FBO Standard Design Features

- Die-cast aluminium head
- Steel filter bowl
- Locking ring collar, no clamps
- 1 1/2" NPT Inlet and Outlet
- 10 bar @ 116°C max. design pressure

### Options

- Mounting bracket
- Sight level gauge
- Pressure diff. indicator

### Installations

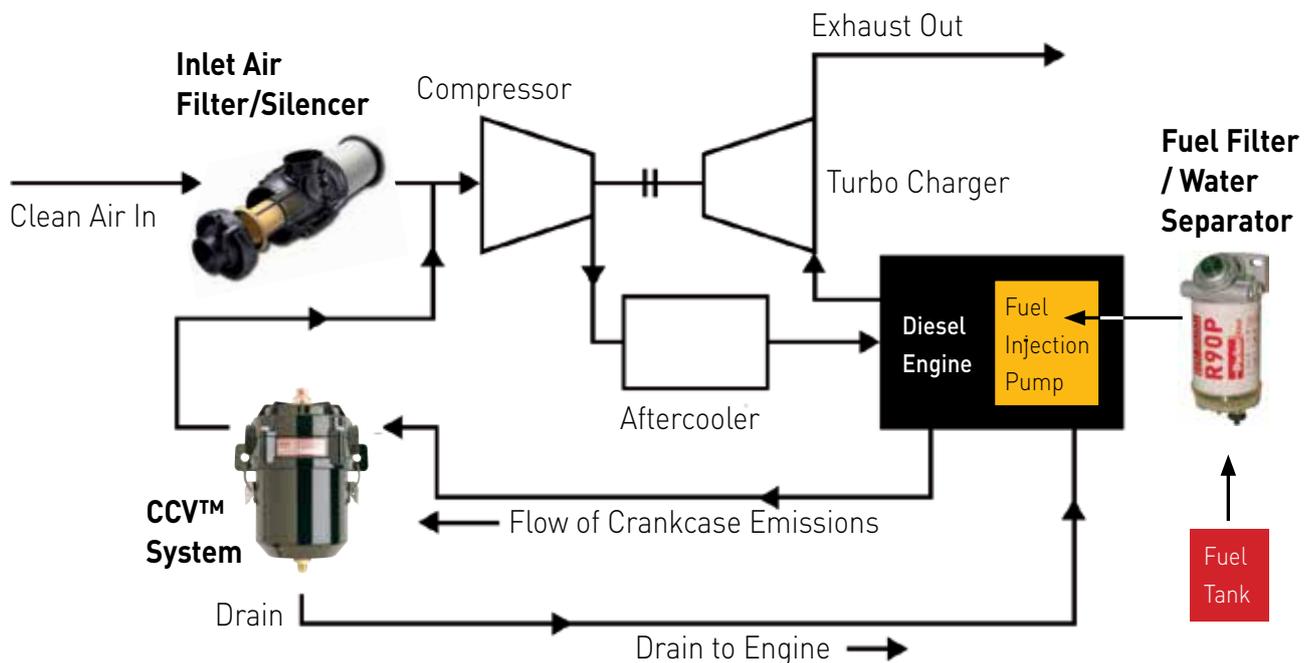
- Aviation fuel trucks
- Aviation fuelling cabinets
- Diesel fuel dispensing systems
- Marine fuel docks
- Fuel systems on large diesel engines

### Applications

- Jet fuel, aviation gas, diesel fuel, gasoline, kerosene, JP4, JP5 and JP8.

## A modern diesel engine schematic

A schematic indicating air intake filtration, crankcase ventilation, fuel filtration and water separation in a modern diesel engine.



## Racor Spin-On Filter Series

Supporting our distributors in identifying key products aimed specifically at the smaller OEM and MRO market.

### Spin On Filters - 025 Series



Part Number	Flow	Description	Replacement Element
025-RAC-01	25 GPH (95 LPH)	FFWS No primer pump 250 Micron cleanable screen 1/4"-18 NPTF	S2501
025-RAC-02	25 GPH (95 LPH)	FFWS No primer pump 10 Micron 1/4"-18 NPTF	S2502

### Spin On Filters - 100 Series



Part Number	Flow	Description	Replacement Element
110A	15 GPH (57 LPH)	FFWS No primer pump 10 micron 1/4" NPT	R11T
120AP	15 GPH (57 LPH)	FFWS No primer pump 30 micron 1/4" NPT	R12P

### Spin On Filters - 200 Series



Part Number	Flow	Description	Replacement Element
215R30	15 GPH (57 LPH)	FFWS With primer 30 micron 1/4" NPT	R15P
230R30	30 GPH (113 LPH)	FFWS With primer 30 micron 1/4" NPT	R20P
260R30MTC	60 GPH (227 LPH)	FFWS With primer pump 30 micron M16 1.5	R260P

### Spin On Filters - 300 Series



Part Number	Flow	Description	Replacement Element
3250R10	250 GPH (946 LPH)	FFWS No primer pump 10 micron 7/8"-14 UNF	S3207T

### Spin On Filters - 400 Series



Part Number	Flow	Description	Replacement Element
4120R10MTC	120 GPH (545 LPH)	FFWS With primer pump 10 micron M16 1.5	R120T
4120R30	120 GPH (545 LPH)	FFWS With primer pump 30 micron 3/4"-16 SAE	R120P
4120R30MTC	120 GPH (545 LPH)	FFWS With primer pump 30 micron M16 1.5	R120P
4160RHH10MTC	160 GPH (600 LPH)	FFWS With primer pump, 12-24V PTC head heater 10 micron M16 1.5	R160T
4160RHHV10MTC	160 GPH (600 LPH)	FFWS With primer pump, fuel shut off valve 12-24V PTC head heater 10 micron M16 1.5	R160T
490R10	90 GPH (340 LPH)	FFWS With primer pump 10 micron 3/8" NPT	R90T
490R10MTC	90 GPH (340 LPH)	FFWS With primer pump 10 micron M16 1.5	R90T
490R2430MTC	90 GPH (340 LPH)	FFWS With primer pump, 24 V bowl heater 30 micron M16 1.5	R90P
490R30	90 GPH (340 LPH)	FFWS With primer pump 30 micron 3/8" NPT	R90P
490R30MTC	90 GPH (340 LPH)	FFWS With primer pump 30 micron M16 1.5	R90P
490RHH10MTC	90 GPH (340 LPH)	FFWS With primer pump, 12-24V PTC head heater 10 micron M16 1.5	R90T-D-MAX
460RMSC10MTC	60 GPH (227 LPH)	FFWS With primer pump 10 micron with metal bowl M16 1.5	R60T-D-MAX
490RMSC10MTC	90 GPH (340 LPH)	FFWS With primer pump 10 micron with metal bowl M16 1.5	R90T-D-MAX
4160RMSC10MTC	160 GPH (600 LPH)	FFWS With primer pump 10 micron with metal bowl M16 1.5	R160T

## Racor Spin-On Filter Series

### Spin On Filters - 600 Series



Part Number	Flow	Description	Replacement Element
6120R10MTC	120 GPH (545 LPH)	FFWS No primer pump 10 micron with metal bowl M16 1.5	R120T
6120R2430MTC	120 GPH (545 LPH)	FFWS No primer pump, 24 Vbowl heater, 30 micron M16 1.5	R120P
6120R30	120 GPH (545 LPH)	FFWS No primer pump 30 micron 3/8"-18 NPTF	R120P
6120R30MTC	120 GPH (545 LPH)	FFWS No primer pump 30 micron M16 1.5	R120P
690R10MTC	90 GPH (340 LPH)	FFWS No primer pump 10 micron M16 1.5	R90T
690R2430MTC	90 GPH (340 LPH)	FFWS No primer pump, 24 Vbowl heater, 30 micron M16 1.5	R90P
690R30	90 GPH (340 LPH)	FFWS No primer pump 30 micron 3/8" NPT	R90P
690R30MTC	90 GPH (340 LPH)	FFWS No primer pump 30 micron M16 1.5	R90P

### Marine Spin On - 100 Series



Part Number	Flow	Description	Replacement Element
120R-RAC-01	15 GPH (57 LPH)	FFWS No primer pump 10 micron, 1/4"-18 NPTF	S3240
120R-RAC-02	15 GPH (57 LPH)	FFWS No primer pump 10 micron, metal bowl, 1/4"-18 NPTF	S3240

### Marine Spin On - 300 Series



Part Number	Flow	Description	Replacement Element
320R-RAC-01	60 GPH (227 LPH)	FFWS No primer pump 10 micron 1/4"-18 NPTF	S3227
320R-RAC-02	60 GPH (227 LPH)	FFWS No primer pump 10 micron, metal bowl, 1/4"-18 NPTF	S3227

### Marine Spin On - 400 Series



Part Number	Flow	Description	Replacement Element
490R-RAC-01	90 GPH (340 LPH)	FFWS with primer pump 10 micron 3/8"-18 NPTF	S3227
460RMSC10MTC	60 GPH (227 LPH)	FFWS with primer pump 10 micron with metal bowl M16 1.5	R60T-D-MAX
460RMSC30MTC	60 GPH (227 LPH)	FFWS with primer pump 30 micron with metal bowl M16 1.5	R60P-D-MAX
490RMSC10MTC	90 GPH (340 LPH)	FFWS with primer pump 10 micron with metal bowl M16 1.5	R90T-D-MAX
490RMSC30MTC	90 GPH (340 LPH)	FFWS with primer pump 30 micron with metal bowl M16 1.5	R90P-D-MAX
4160RMSC10MTC	160 GPM (600 LPH)	FFWS with primer pump 10 micron with metal bowl M16 1.5	R160T
4160RMSC30MTC	160 GPM (600 LPH)	FFWS with primer pump 30 micron with metal bowl M16 1.5	R160P

### Marine Spin On - 600 Series



Part Number	Flow	Description	Replacement Element
660R-RAC-01	60 GPH (227 LPH)	FFWS No primer pump 10 micron 3/8"-18 NPTF	S3232
660RMSC10MTC	60 GPH (227 LPH)	FFWS No primer pump 10 micron with metal bowl M16 1.5	R60T-D-MAX
690RMSC10MTC	90 GPH (340 LPH)	FFWS No primer pump 10 micron with metal bowl M16 1.5	R90T-D-MAX
6160RMSC10MTC	160 GPH (600 LPH)	FFWS No primer pump 10 micron with metal bowl M16 1.5	R160T

## Racor Turbine Filter Series

Turbine Series filter assemblies are designed to be installed on the vacuum side of the fuel transfer pump for best efficiency and protect precision engine components from dirt, rust, algae, asphaltines, varnishes, and especially water, which is prevalent in engine fuels.



Part Number	Flow	Description	Replacement Element
500FG10	60 GPH (227 LPH)	Turbine 10 micron 3/4"-16 UNF	2010TM-OR
500FG30	60GPH (227 LPH)	Turbine 30 micron 3/4"-16 UNF	2010PM-OR
500FG30MTC	60GPH (227 LPH)	Turbine 30 micron M16 1.5	2010PM-OR
900FH10	90GPH (341 LPH)	Turbine 10 micron 7/8"-14 UNF	2040TM-OR
900FH30	90GPH (341 LPH)	Turbine 30 micron 7/8"-14 UNF	2040PM-OR
902FH10	90GPH (341 LPH)	Turbine 10 micron M22 1.5	2040TM-OR
902FH30	90GPH (341 LPH)	Turbine 30 micron M22 1.5	2040PM-OR
1000FH10	180GPH (681 LPH)	Turbine 10 micron 7/8"-14 UNF	2020TM-OR
1000FH30	180GPH (681 LPH)	Turbine 30 micron 7/8"-14 UNF	2020PM-OR
1002FH30	180GPH (681 LPH)	Turbine 30 micron M22 1.5	2020PM-OR
751000FHX30	180/360GPH (681/1363 LPH)	DuplexTurbine 30 micron with 6 way valve 7/8"-14 UNF	2020PM-OR
75500FGX10	60/120 GPH (227/454 LPH)	DuplexTurbine 10 micron with 6 way valve 3/4"-16 UNF	2010TM-OR
75500FGX30	60/120 GPH (227/454 LPH)	DuplexTurbine 30 micron with 6 way valve 3/4"-16 UNF	2010PM-OR
75900FHX10	90/180 GPH (341/681 LPH)	DuplexTurbine 10 micron with 6 way valve 7/8"-14 UNF	2040TM-OR
75900FHX30	90/180 GPH (341/681 LPH)	DuplexTurbine 30 micron with 6 way valve 7/8"-14 UNF	2040PM-OR

## Racor Marine Turbine Filter Series



Part Number	Flow	Description	Replacement Element
500MA10	60 GPH (227 LPH)	MarineTurbine, 10 micron 3/4"-16 SAE	2010TM-OR
500MAM10	60 GPH (227 LPH)	ULMarineTurbine, Metal bowl, 10 micron 3/4"-16 SAE	2010TM-OR
500MAM30	60 GPH (227 LPH)	ULMarineTurbine, Metal bowl, 30 micron 3/4"-16 SAE	2010PM-OR
900MAM30	90 GPH (341 LPH)	ULMarineTurbine, Metal bowl 30 micron 7/8"-14 SAE	2040PM-OR
902MAM30	90 GPH (341 LPH)	ULMarineTurbine, Metal bowl 30 micron M22 1.5	2040PM-OR
1000MAM30	180 GPH (681 LPH)	ULMarineTurbine, Metal bowl 30 micron 7/8"-14 UNF	2020PM-OR
1002MAM30	180 GPH (681 LPH)	ULMarineTurbine, Metal bowl, 30 micronM22 1.5	2020PM-OR
731000MAM30	360 GPH (1363 LPH)	ULMarineDuplexTurbine, Metal bowl 30 Micron 3/4"-14 NPT	2020PM-OR
751000MAX10	180/360 GPH (681/1363 LPH)	ULMarineDuplexTurbine with flame guard 10 Micron 7/8"-14 SAE	2020TM-OR
751000MAXM10	180/360 GPH (681/1363 LPH)	ULMarineDuplexTurbine, Metal bowl 10 Micron 7/8"-14 SAE	2020TM-OR
751000MAXM30	180/360 GPH (681/1363 LPH)	ULMarineDuplexTurbine, Metal bowl 30 micron	2020PM-OR
75500MAXM30	60/120 GPH (227/454 LPH)	ULMarineDuplexTurbine, Metal bowl 30 micron 3/4"-16 SAE	2010PM-OR
75900MAXM30	90/180 GPH (341/681 LPH)	ULMarineDuplexTurbine, Metal bowl 30 micron 7/8"-14 SAE	2040PM-OR
791000MAVM30	180/360/540 GPH (681/1363/2044 LPH)	ULMarine TriplexTurbine, Metal bowl 30 Micron 3/4"-14 NPT	2020PM-OR

## Racor Interceptor Filter Series

Fuel dispensing elements



Part Number	Description
PFFDW51125	InterceptorReplacementFilter element 25 Micron Water Absorbing

## Racor Spin-On Filters - Replacement Elements

All replacement elements are manufactured in quality certified production facilities to ISO TS16949 which meet ISO 14001 environmental requirements.



Racor Standard Canisters



Domed Bottom Canister



Reduced Diameter Canister



Fuel Module Kits

Part Number	Description	Primary Applications
31871	Twin packReplacement element for Mercury Outboard Engines	Mercury outboards
LFS TF1006RE	Transmission Filter, 6 micron	Scania
PFF296	Replacement element 5 micron	CAV
PFF297	Replacement element 5 micron	CAV
PFF5510	Replacement element, gasoline 10 micron	Marine outboards
PFF5605	Replacement element, gasoline 10 micron	
PFF5607	Replacement element (RFCM), 30 micron	
R11T	Replacement element 110A 10 micron	
R12T	Replacement element 120A 10 micron	
R13P	Replacement element 120B 30 micron	
R120P	Replacement element 4120R/6120R 30 micron	
R120S-HD	Replacement element 2 micron	Volvo Penta
R120T	Replacement element 4120R/6120R 10 micron	
R120T-H-B1	Replacement element 10 micron	Deutz
R12P	Replacement element 120A 30 micron	
R12S	Replacement element 120A 2 micron	
R15P	Replacement element 215R 30 micron	
R15T	Replacement element 215R 10 micron	
R160-D-RCR-01	Replacement element (R90-D-RCR-01 extended life)	Mercedes
R160P	Replacement element 4160RMSC/HH	
R160P-D-MAX	Replacement element 30 micron	Scania
R160T	Replacement element 4160R 10 micron	Deutz
R160T-D-MAX	Replacement element 10 micron	Volvo CE
R20P	Replacement element 230R 30 micron	
R20S	Replacement element 230R 2 micron	
R20T	Replacement element 230R 10 micron	
R24P	Replacement element 220R 30 micron	
R24T	Replacement element 220R 10 micron	
R25P	Replacement element 245 30 micron	
R25T	Replacement element 245 10 micron	

## Racor Spin-On Filters - Replacement Elements - continued



Racor Standard Canisters

Part Number	Description	Primary Applications
R260P	Replacement element 260 30 micron	Volvo, Renault
R260T	Replacement element 10 micron	Volvo, Renault, SDMO
R26P	Replacement element 225R 30 micron	
R26S	Replacement element 225R 2 micron	
R26T	Replacement element 225R 10 micron	
R270PL	Spin-on Element 10 micron	Kamaz
R420PL	Spin-on Element, 10 Micron	DAF
R45P	Replacement element 445R/645R 30 micron	
R45T	Replacement element 445R/645R 10 micron	
R52P	Replacement element 152R 30 micron	
R52T	Replacement element 152R 10 micron	
R60P	Replacement element 460R/660R 30 micron	
R60RDRCR01	Replacement element reduced diameter 10 micron	Volvo, Renault
R60T	Replacement element 460R/660R 10 micron	Hyundai
R60T-D-MAX	Replacement element 460RMSC/HH 10 micron	
R60T-H-B1	Replacement element 10 micron	Deutz
R90-D-RCR-01	Replacement element 10 micron	Mercedes
R90P	Replacement element 490R/690R 30 micron	Mercedes
R90P-D-MAX	Replacement element 490RMSC/HH 30 micron	Deutz, AGCO
R90RDRCR01	Replacement element reduced diameter 10 micron	Volvo, Renault
R90T	Replacement element 490R/690R 10 micron	
R90T-D-MAX	Replacement element 490 RMSC/HH 10 micron	
RS250RCR01	Replacement element secondary	Volvo Construction, Ford
RS250RCR02	Replacement element secondary Euro 4/5	Volvo, Renault
S2501	Replacement Element, 250m Aquabloc, Gasoline	
S2502	Replacement Element, 10m Aquabloc, Gasoline	
S3207S	Replacement element 3250R 2 Micron	Komatsu
S3207T	Replacement element 3250R 10 Micron	Komatsu
S3208P	Replacement element B32008S 2 Micron	
S3209P	Replacement element B32009S 30 Micron	
S3209T	Replacement element B32009S 10 Micron	
S3213	Replacement Element B32013 10 Micron	
S3216P	Replacement Element B32016 2 Micron	
S3208P	Replacement element B32008S 2 Micron	
S3209P	Replacement element B32009S 30 Micron	
S3209T	Replacement element B32009S 10 Micron	
S3213	Replacement Element B32013 10 Micron	
S3216P	Replacement Element B32016 2 Micron	
S3216S	Replacement Element B32016 30 Micron	
S3216T	Replacement Element B32016 10 Micron	
S3227	Replacement element 320RAC 10 micron	Yamaha



High Capacity Element

## Racor Spin-On Filters - Replacement Elements - continued



Part Number	Description	Primary Applications
S3232	Replacement element 660RAC 10 micron	
S3240	Replacement element 660RAC 10 micron	
S3211TUL	Replacement element B32021MAM 10 Micron	

## Turbine Series - Replacement Elements

Replacement elements are available in 2, 10 and 30 micron ratings (nominal). Filtration needs are based on application, fuel quality, maintenance schedules and operating climates. A simple rule to remember is... the finer the filtration, the more frequent the filter change interval.



Part Number	Description
2000PM-OR	Replacement element, 30 Micron
2010PM-OR	Replacement element 500 Turbine 30 micron
2010SM-OR	Replacement element 500 Turbine 2 micron
2010TM-OR	Replacement element 500 Turbine 10 micron
2020PM-OR	Replacement element 1000 Turbine 30 micron
2020SM-OR	Replacement element 1000 Turbine 2 micron
2020TM-OR	Replacement element 1000 Turbine 10 micron
2040PM-OR	Replacement element 900 Turbine 30 micron
2040SM-OR	Replacement element 900 Turbine 2 micron
2040TM-OR	Replacement element 900 Turbine 10 micron

## Racor Kits and Accessories

There are a wide variety of kits and accessories available to order from Racor to suit all applications.



Part Number	Description
B32009P	Repl element w/bowl-30 micron
LG100	Lifeguard Fuel/Air Separator, diesel and gasoline 5/8" Hose barb (Flow: 17 CFM (481 LPM))
PFFG01	Filter Glove
RK 11-11570	2" Gauge water detection module and vacuum switch. Water probe included.
RK 11-1669	T Handle vacuum gauge for 900/1000Turbine
RK 20726	2" Gauge water detection module, light and audio. Water probe included.
RK 21069	Replacement water in fuel sensor probe
RK 22628	Bowl Wrench
RK 30964	Replacement water in fuel sensor probe with detachable connector
RK30880E	Active water sensor kit complete with built in detection electronics and under dash warning light.
RFF15C	FuelFilter funnel 57 LPM (15.0 GPM) 100 micron
RFF1C	FuelFilter funnel 10 LPM (2.7 GPM) 100 micron
RFF3C	FuelFilter funnel 14 LPM (3.9 GPM) 100 micron
RFF8C	FuelFilter funnel 19 LPM (5.0 GPM) 100 micron
DRK32036	Vacuum Restriction Indicator

## Engine Air Products

Racor Engine Air products include Crankcase Ventilation Solutions (CCV) and also Air Filtration Solutions in the form of Dynacell and Pamic Series.

### Crankcase Ventilation - CCV



Part Number	Description
CCV4500-08L	Max flow rate: 10CFM Port size: 1 3/16"
CCV6000-08R	Max flow rate: 20CFM Port size: 1 5/8"
CCV8000-08L	Max flow rate: 40CFM Port size: 1 7/8"
CCV8000-08R	Max flow rate: 40CFM Port size: 1 7/8"

### Crankcase Ventilation - CCV Elements and Kits



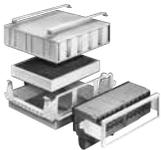
Part Number	Description
CCV55222-08	Replacement Filter element-CCV8000
CCV55248-08	Replacement Filter element-CCV4500
CCV55274-08	Replacement Filter element-CCV6000
CCV55250	Repl kit fitting 1" hose barb
CCV55251	Repl kit fitting 3/4" hose
CCV55280	Repl kit fitting 1 1/4" hbarb

### Engine Air - Pamic



Part Number	Description
012233003	Pamic Element - P9
012233004	Pamic Element - P12
012233009	Pamic Element - P40
012233010	Pamic Element - P48
012233011	Pamic Element - P64

### Engine Air - Dynacell



Part Number	Description
045800000	T-519 Dynacell Element
049261000	T-512 Dynacell Element

### Engine Air - ECO SE



Part Number	Description
114500001	Engine air filter 240 - 340 CFM (6.8 - 9.6 M3/min)
114500002	Engine air filter 355 - 510 CFM (10.1 - 14.4 M3/min)
114500003	Engine air filter 610 - 890 CFM (17.3 - 25.2 M3/min)
117122000	Engine air filter 780 - 1180 CFM (22.1 - 33.4 M3/min)
114880003	Engine air filter, side entry 600 - 900 CFM (17.0 - 25.5 M3/min)
114880005	Engine air filter, side entry 420 - 800 CFM (11.9 - 22.7 M3/min)

Note. For additional engine air filters refer to Catalogue: FDRB371UK

## Engine Air - Pre Filter



Part Number	Description
AFHP81	Engine air pre-cleaner 247 - 388 CFM (7.0 - 11.0 M3/min)
AFHP91	Engine air pre-cleaner 388 - 530 CFM (11.0 - 15.0 M3/min)
AFHP111	Engine air pre-cleaner 530 - 776 CFM (15.0 - 22.0 M3/min)
AFHP211	Engine air pre-cleaner 776 - 1059 CFM (21.0 - 30.0 M3/min)

Note. For additional engine air pre-cleaners refer to Catalogue: FDRB371UK

## Engine Air, AFCS Series



Part Number	Description
AFCS051	Combination pre-cleaner/air filter 53 - 124 CFM (1.5 - 3.5 M3/min)
AFCS071	Combination pre-cleaner/air filter 124 - 159 CFM (3.5 - 4.5 M3/min)
AFCS081	Combination pre-cleaner/air filter 159 - 212 CFM (4.5 - 6.0 M3/min)
AFCS121	Combination pre-cleaner/air filter 212 - 282 CFM (6.0 - 8.0 M3/min)

Note. For additional combination filters refer to Catalogue: FDRB371UK

## Oil Bypass Filtration Solutions

Racor Absolute Oil Bypass is a unique oil cleaning system that puts theoretical filtration principles and mechanisms into practice. Low flow, low pressure, and axial filtration combined with special cellulose filter material enables us to achieve ultimate filtration.



Part Number	Description
ABS20430	Replacement element for ABS10450 3 micron (Green)
ABS20470	Replacement element for ABS10450 5 micron (Green)
ABS25450	Replacement element for ABS10450 10 micron (Green)
ABS20330	Replacement element for ABS10300 3 micron filter (Green)
ABS20370	Replacement element for ABS10300 5 micron filter (Blue)
ABS25350	Replacement element for ABS10300 10 micron filter (Orange)
ABS44235	Seal Service Kit (for ABS10300)
ABS44250	Seal Service Kit (for ABS10450)
ABS10300	ABS Housing 5 bar, 28 Litre capacity
ABS10450	ABS Housing 5 bar, 47 Litre capacity



Note. For additional ABS filters refer to Catalogue: FDRB511UK

## Hydrocarbon Filtration Solutions

Racor Hydrocarbon filter vessels and elements are available to provide cleaner, dryer fuel with the benefit of extended element change intervals offering increased uptime and lower maintenance costs.

## Hydrocarbon Products - FBO Housing



Part Number	Flow	Description
FBO-10-DPL	10 GPM (38 LPM) Diesel	10" Housing Assembly includes delta P gauge and liquid sight glass (Element not included)
FBO-14-DPL	15 GPM (57 LPM) Diesel	14" Housing Assembly includes delta P gauge and liquid sight glass (Element not included)

## Hydrocarbon Products - continued

### Hydrocarbon Products - FBO Elements



Part Number	Description
FBO 60353	FFWS Element - 10 Micron (FBO 10)
FBO 60356	FFWS Element - 10 Micron (FBO 14)

### Hydrocarbon Products - RVFS Housings



Part Number	Flow	Description
RVFS-1-MO	25 GPM (95 LPM) Diesel	FilterHousing includes: delta p gauge, liquid sight glass, manual air vent, manual water drain (Element not included)
RVFS-2-MO	50 GPM (189 LPM) Diesel	FilterHousing includes: delta p gauge, liquid sight glass, manual air vent, manual water drain (Element not included)
RVFS-3-MO	75 GPM (284 LPM) Diesel	FilterHousing includes: delta p gauge, liquid sight glass, manual air vent, manual water drain (Element not included)

### Hydrocarbon Products - Hydrocarbon Vessel Elements



Part Number	Description
HOCP-15805	Coalescer for RVFS-1 5 Micron
HOCP-15810	Coalescer for RVFS-1 10 Micron
HOCP-30810	Coalescer for RVFS-2 10 Micron
HOCP-30825	Coalescer for RVFS-2 25 Micron
HOCP-44810	Coalescer for RVFS-3 10 Micron
HOCP-44825	Coalescer for RVFS-3 25 Micron
HSP-15405	Pleated Paper Separator for RVFS-1 5 Micron
HSP-15410	Pleated Paper Separator for RVFS-1 10 Micron
HSP-30410	Pleated Paper Separator for RVFS-2 10 Micron
HSP-30425	Pleated Paper Separator for RVFS-2 25 Micron
HSP-44410	Pleated Paper Separator for RVFS-3 10 Micron
HSP-44425	Pleated Paper Separator for RVFS-3 25 Micron

Note. For additional Racor Hydrocarbon products refer to Catalogue: FDRB546UK

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