

P-Series

Fuel Conditioning Modules

Customer Value Proposition:

The Racor P-Series is equipped with state-of-the-art fuel pumps with DC motors. The 12V roller-cell fuel pump offers the benefit of an electric on-demand priming pump. The 12V pump was designed for off-engine mounting.

The P-Series is a great fit for generator sets that are below grade or a long distance away from their fuel supply, medium duty trucks that are hard to prime or to replace the frame rail mounted fuel pump, recreational vehicles, marine transfer and fuel recycling applications.



Contact Information:

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Product Features:

- Durable, 12 volt DC roller-cell electric fuel priming pump
- Standard thermostatically controlled PTC style electric (150 watt) heater facilitates cold weather starting
- Replaceable Aquabloc®II cartridge-style element that are environmentally friendly and incinerable
- Clear, reusable water/contaminant collection bowl
- Self-venting water/contaminant drain
- Standard water-in-fuel (WIF) sensor alerts the operator when service is required
- Standard fuel pressure regulator (10 psi)
- Under-dash control module for pump and water sensor operation is included with pump option



ENGINEERING YOUR SUCCESS.

Product Information and Specifications

The patented P-Series Diesel Fuel Conditioning Module was developed for installation on any diesel engine fuel injection system. P-Series assemblies are available in three sizes and all feature 3/8" - 18 NPT fuel ports. This innovative and modular fuel filter/water separator incorporates low-pressure fuel system components into a single

package. The P-Series Diesel Fuel Conditioning Module is available with a brushless pump. Please contact Racor Division for information on specific applications.



Basic Models	P3	P4	P5
Maximum Flow Rate	30 gph / 114 lph	40 gph / 170 lph	50 gph / 227 lph
Clean Pressure Drop	0.4 psi / 2.8 kPa	0.5 psi / 3.4 kPa	0.8 psi / 5.5 kPa
Maximum Pump Output at 14 volts / 70 psi (480 kPa) / 6.2 amps	40 gph / 151 lph	40 gph / 151 lph	40 gph / 151 lph
Pump Output Pressure	10 to 70 psi (60 kPa to 480 kPa)	10 to 70 psi (60 kPa to 480 kPa)	10 to 70 psi (60 kPa to 480 kPa)
Standard Fuel Port Size (SAE J476)	3/8 – 18 npt “	3/8 – 18 npt “	3/8 – 18 npt “
Biodiesel Compatible	B2 to B20	B2 to B20	B2 to B20
Total Number of Ports Available:			
Fuel Inlets	2	2	2
Fuel Outlets	1	1	1
Replacement Elements:			
2 micron	R58060-02	R58095-2	R58039-2
10 micron	R58060-10	R58095-10	R58039-10
30 micron	R58060-30	R58095-30	R58039-30
Minimum Service Clearance	2.5 in / 28 mm	2.5 in / 28 mm	2.5 in / 28 mm
Height	7.7 in / 196 mm	9.0 in / 229 mm	11.5 in / 292 mm
Depth	5.2 in / 132 mm	5.2 in / 132 mm	5.2 in / 132 mm
Width	4.8 in / 122 mm	4.8 in / 122 mm	4.8 in / 122 mm
Weight (dry)	3.4 lbs / 1.5 kg	3.8 lbs / 1.7 kg	4.2 lbs / 1.9 kg
Ambient Temperature Range	-40° to +250°F (-40° to +121°C)		

How To Order

P4	2	10	N	H
Specify 'P3' for 30 gph 'P4' for 40 gph 'P5' for 50 gph	'2' must be in the part number. (It specifies a 12V DC pump)	Specify micron rating of element: '02', '10', or '30'	'N' must be in the part number. (It specifies standard 3/8" npt ports)	'H' must be in the part number. (It specifies a 12V DC 150-watt heater)