

# 120 Series

## Fuel Filter/Water Separators



### Customer Value Proposition:

The Racor 120 Series fuel filter/water separators offer Racor proven protection in a small, compact package. The 120 Series offers reliable protection for smaller diesel and gasoline engines used in generator sets, pressure washers and small construction equipment. Their compact size fits tight mounting locations and multiple ports offer installation flexibility.



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### Product Features:

- Small compact size
- Cost effective pricing
- Aquabloc® II media
- Your choice of 2, 10, or 30 micron filtration
- Clear collection bowl
- Self venting drain
- 99% water removal efficiency
- Optional water-in-fuel sensor



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# Product Information and Specifications

The Racor 120 Series features a two compact sizes to fit the most cramped engine compartments. Both units feature 1/4"-18 NPTF inlet and outlet fuel ports and a unitized mounting bracket.



## Elements

Both 120 Series assemblies feature spin-on, high-capacity, Aquabloc®II replaceable filter elements which stop water, remove solid contamination, and are available in 2, 10, and 30 micron. Filtration needs should be based on application, fuel quality, operating climates, and maintenance schedules.

## Clear Bowls

Both units feature spin-on contaminant collection bowls. The clear bowls used with these models will not discolor from alcohol, additives, or UV light and have a leak-proof, positive seal drain for easy servicing. Water and contamination levels can be seen easily at a glance.

## Options

120 Series optional accessories include: water detection kits, vacuum or compound gauges and metal bowls. Metal bowls should be specified when filtering fuels in hazardous locations where equipment is exposed to flying gravel and debris.

Specifications	120A	120B
Maximum Flow Rate	15 gph / 57 lph	20 gph / 76 lph
Port Size: (SAE J476)	1/4"-18 NPTF	1/4"-18 NPTF
Total Number of Ports: (total inlets) (total outlets)	4 2 2	4 2 2
Minimum Service Clearance	2.0" / 5.1 cm	2.0" / 5.1 cm
Center Threads	M18 x 1.5	M18 x 1.5
Height	6.5" / 16.5 cm	8.0" / 20.3 cm
Depth	3.2" / 8.1 cm	3.2" / 8.1 cm
Width	3.2" / 8.1 cm	3.2" / 8.1 cm
Weight (dry)	1.1 lb / 0.50 kg	1.1 lb / 0.50 kg
Clean Pressure Drop	0.15 psi / 0.01 bar	0.15 psi / 0.01 bar
Max. Allowable Pressure <sup>1</sup>	7.0 psi / 0.48 bar	7.0 psi / 0.48 bar
Available Options <sup>2</sup> : (water sensor probe) (heater)	Yes No	Yes No
Water in Bowl Capacity	1.8 oz. / 52 ml	1.8 oz. / 52 ml
H <sub>2</sub> O Removal Efficiency	99%	99%
Ambient Temperature Range	-40° to +255°F (-40° to +123°C)	

<sup>1</sup> Pressure installations are applicable up to maximum PSI shown. Vacuum installations are recommended.

<sup>2</sup> Not for use with gasoline applications.

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