

# Complete Protection On The Water

Every time you squeeze the trigger, you threaten your engines life.

More than ever, today's high-performance gasoline inboard and outboard engines require clean, dry fuel. No matter how carefully gasoline is handled and stored, dirt, rust, gums, algae and water are going to find their way in, and just a few drops can leave you dead in the water.

Racor fuel filter/water separators with Aquabloc®II media remove virtually 100% of damaging water and solids, allowing engines to maintain maximum horsepower and efficiency. Install a Racor mounting head or spin directly onto your engine and improve its performance.



## Direct Spin-on Replacement

Many vessels come equipped with some type of standard filter. Racor offers premium filter upgrades that fit directly onto existing mounting heads. Racor offers premium filter systems which include a mounting head and bracket, for those vessels without a standard fuel filter.

**Note: Clear bowl are for outboard applications only. Important - all filters must be installed on the suction (vacuum) side of the fuel transfer pump.**

## Selection Guide:

### Vessels with Inboard Gasoline Engines or Generators:

- 1) Must use Racor filter equipped with metal bowls.
- 2) Carbureted engines can use any UL rated Racor gasoline filter.
- 3) Fuel-injected or high-performance engines (or severe service applications) should use units with a flow rate between 40 to 120 GPH (151-454 LPH). Consult engine or boat manufacturer for exact fuel flow rate.
  - For boats where a fuel filter/water separator is already installed, this is generally a Mercruiser or OMC style filter head (fuel ports are on top of filter head), use the B32020MAM (Mercruiser) or B32021MAM (OMC) filter.
  - If there are no filters already installed, specify the 120R-RAC-02, 320R-RAC-02, or 660R-RAC-02 filter.
  - For high-performance boats, the 3120R-RAC-32 is recommended.
  - A higher pressure rated filter is available, see model 110A rated at 100 PSI.

### Vessels with Outboard Gasoline Engines:

- 1) Can use Racor filters with either clear bowls or metal bowls.
- 2) Carbureted engines can use all units.

- 3) Fuel injected or high-performance engines (or severe service applications) should use units with a flow rate between 40 to 120 GPH (151-454 LPH). Consult engine or boat manufacturer for exact fuel flow rate.

- For boats where a fuel filter/water separator is already installed, this is generally a Mercury/Quicksilver or OMC style filter (fuel ports are on top of the head), use the B32013 (Mercury/Quicksilver) or B32014 (OMC).
- If there are no filters installed, specify the 120R-RAC-01, 320R-RAC-01, or 660R-RAC-01 filter.
- For high-performance boats, the 3120R-RAC-32 is recommended.
- For a unit that can replace your primer bulb, use the 490R-RAC-01 with integral primer pump.





## Specifications

Specifications	Application	Flow Rate	Micron	H x W x D (in.)	Configuration	Ports	Notes	Replacement Elements
025-RAC-01	Outboard	25 GPH	250	4.3 x 2.3 x 2.1	Head/Bracket	1/4"-18 NPTF	Cleanable	S2501
025-RAC-02	Outboard	25 GPH	10	4.3 x 2.3 x 2.1	Head/Bracket	1/4"-18 NPTF	N/A	S2502
025-RAC-05	Both	25 GPH	10	4.8 x 2.3 x 2.3	In-line	5/16" Hose Bead	N/A	N/A
025-RAC-10A	Inboard	35 GPH	104	4.2 x 1.9 x 1.9	In-line	1/2"-14 NPTF	N/A	N/A
B32013	Outboard	60 GPH	10	7.2 x 3.8 x 3.8	Direct Spin-on	No Head	11/16"-16 Threads*	S3213
B32014	Outboard	60 GPH	10	7.2 x 3.8 x 3.8	Direct Spin-on	No Head	1"-12 Threads	S3214
B32020MAM	Inboard	60 GPH	10	6.5 x 3.8 x 3.8	Direct Spin-on	No Head	11/16"-16 Threads*	S3220UL
B32021MAM	Inboard	60 GPH	10	6.5 x 3.8 x 3.8	Direct Spin-on	No Head	1"-12 Threads	S3221UL
S3220SUL	Inboard	60 GPH	2	4.0 x 3.7 x 3.7	Direct Spin-on	Element	1"-14 Thread	N/A
S3228SUL	Inboard	60 GPH	2	4.0 x 3.7 x 3.7	Direct Spin-on	Element	1"-14 Thread	N/A
110A	Inboard	15 GPH 35 GPH	2 10	6.0 x 3.2 x 3.3	Cartridge Element	1/4"-18 NPTF	Diesel Gasoline	R11S R11T
120R-RAC-01	Outboard	30 GPH	10	6.5 x 3.2 x 3.2	Head/Bracket	1/4"-18 NPTF	4 Ports	S3240
120R-RAC-02	Inboard	30 GPH	10	6.0 x 3.2 x 3.2	Head/Bracket	1/4"-18 NPTF	4 Ports	S3240UL
320R-RAC-01	Outboard	60 GPH	10	9.3 x 4.0 x 4.0	Head/Bracket	1/4"-18 NPTF	3 Ports	S3227
320R-RAC-02	Inboard	60 GPH	10	9.0 x 4.0 x 4.0	Head/Bracket	1/4"-18 NPTF	3 Ports	S3228UL
490R-RAC-01	Inboard	90 GPH	10	9.9 x 4.5 x 4.8	Primer Pump	3/8"-18 NPTF	4 Ports	S3227
660R-RAC-01	Outboard	90 GPH	10	11.0 x 4.2 x 4.5	Head/Bracket	3/8"-18 NPTF	4 Ports	S3232
660R-RAC-02	Inboard	90 GPH	10	10.5 x 4.2 x 4.5	Head/Bracket	3/8"-18 NPTF	4 Ports	S3232UL
3120R-RAC-32	Both	120 GPH	10	10.4 x 4.0 x 5.0	Head/Bracket	1/2"-14 NPTF	2 Ports	S3232UL

\* The 11/16"-16 thread is the most common and fits most existing filter mounting heads in service.

## Product Features

Racor filters offer the improved features and peace-of-mind that come with our quality fuel filter/water separators.

- **Clear Contaminant Collection Bowl With Drain Valve For Outboards.**
- **2 or 10 Micron Aquabloc®II Media.**
- **High Capacity and Long Life.**
- **Rated 98% Efficient at 10 Micron per SAE Test Procedures.**
- **Corrosion Resistant Construction.**
- **Metal Bowl Units For Inboard Powered Boats Meet 33 CFR and USCG Regulations.**
- **Meets ABYC Standard For Gasoline Powered Vessels.**