

Racor Gasoline Fuel Filters

Applications: These filters are specifically designed for marine gasoline systems on outboard or inboard, main propulsion or power generation engines.

Products: This exhaustive product line offers multiple fuel flow ratings to fit any application. From in-line fuel filters, to direct spin-ons, to complete assemblies, Racor gasoline fuel filter systems include the legendary Aquabloc®II filter media. Most models also offer a contaminate collection bowl with either a drain or plug.

Direct Spin-on Replacements: Many vessels come equipped with some type of standard filter. Racor offers *premium filter upgrades* that fit directly onto existing mounting heads.

Complete Systems: For those vessels without a standard fuel filter, or as an auxiliary filter, Racor offers *premium filter systems* which include a mounting head/bracket.

How They Work: Racor systems remove water and contaminants from your fuel. Large droplets of water and large contaminants such as rust, plastic, and sand collect in the bowl for draining. The 10-micron Aquabloc®II filter media repels microscopic water droplets where they coalesce and fall into the bowl. Smaller particles, slimes, and varnishes are trapped by the filter medium and prevented from reaching the engine's fuel system. These contaminants are easily removed by draining the collection bowl.

Racor fuel filter/water separators will not separate oil from gasoline in 2-cycle type blended fuel mixtures.

Engine makers (Yamaha, Suzuki, Honda, Mercruiser, Mercury, Bombardier, PCM, Volvo Penta) and many boat builders (Scout, Sea Pro, Wellcraft, Sea Ark, Boston Whaler, etc.) offer premium Racor gasoline filter systems because they trust them to protect expensive fuel system components.



Features and Benefits

- See-thru contaminate collection bowl units for outboard engines.
- Metal contaminate collection bowl units for inboard powered boats meet UL, 33 CFR, CE, and USCG requirements.
- Drain valve or plug in bowl.
- 10-micron Aquabloc®II filter media.
- Long-life with 98% filtration efficiency and 100% water removal.
- Corrosion resistant construction.
- Various models to match engine fuel flow rates are available.
- Ethanol compatible.



An independent test evaluation was detailed in *SportFishing* and *Bass & Walleye Boats* magazines. Racor gasoline filters were compared to seven other standard brand name filters for performance and value. The Racor filter won over all those tested.

If you would like a high-quality Racor system installed in your boat, just ask your engine dealer, boat builder, or a Racor distributor.

Now owners of inboard or outboard gasoline engines can get smoother operation and longer life all in one easy spin onto existing filter heads. There's a choice of rugged, reusable see-thru bowl with self-venting drain for outboard applications, or a metal bowl with drain plug for inboard applications. Metal bowls are UL-listed, CE, and USCG accepted. See-thru bowl are for outboard applications only. Important - all filters must be installed on the suction (vacuum) side of the fuel transfer pump.

Power Boats with Inboard Gasoline Engines or Generators:

1. Must use Racor filter equipped with metal bowls.
2. Carburetted 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. 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 port 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 high pressure rated filter is available, see model 110A rated at 100 psi.

Power Boats with Outboard Gasoline Engines:

1. Can use Racor filters with either see-thru bowls or metal bowls.
2. Carburetted 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. 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.

Part Number	Application	Flow Rate	H x W x D (in.)	Configuration	Ports	Notes
025-RAC-01	Outboard	25 GPH	4.3 x 2.3 x 2.1	Head/Bracket	1/4"-18 NPT	250 Micron (cleanable)
025-RAC-02	Outboard	25 GPH	4.3 x 2.3 x 2.1	Head/Bracket	1/4"-18 NPT	10 Micron
025-RAC-05	Both	25 GPH	4.8 x 2.3 x 2.3	In-line	5/16" Hose Bead	10 Micron
B32013	Outboard	60 GPH	7.2 x 3.8 x 3.8	Direct Spin-on	No Head	11/16"-16 Threads*
B32014	Outboard	60 GPH	7.2 x 3.8 x 3.8	Direct Spin-on	No Head	1"-12 Threads
B32020MAM	Inboard	60 GPH	6.5 x 3.8 x 3.8	Direct Spin-on	No Head	11/16"-16 Threads*
B32021MAM	Inboard	60 GPH	6.5 x 3.8 x 3.8	Direct Spin-on	No Head	1"-12 Threads
120R-RAC-01	Outboard	30 GPH	6.5 x 3.2 x 3.2	Head/Bracket	1/4"-18 NPTF	4 Ports
120R-RAC-02	Inboard	30 GPH	6.0 x 3.2 x 3.2	Head/Bracket	1/4"-18 NPTF	4 Ports
320R-RAC-01	Outboard	60 GPH	9.3 x 4.0 x 4.0	Head/Bracket	1/4"-18 NPTF	3 Ports
320R-RAC-02	Inboard	60 GPH	9.0 x 4.0 x 4.0	Head/Bracket	1/4"-18 NPTF	3 Ports
490R-RAC-01	Inboard	90 GPH	9.9 x 4.5 x 4.8	Head/Bracket	3/8"-18 NPTF	4 Ports/Primer Pump
660R-RAC-01	Outboard	90 GPH	11.0 x 4.2 x 4.5	Head/Bracket	3/8"-18 NPTF	4 Ports
660R-RAC-02	Inboard	90 GPH	10.5 x 4.2 x 4.5	Head/Bracket	3/8"-18 NPTF	4 Ports
3120R-RAC-32	Both	120 GPH	10.4 x 4.0 x 5.0	Head/Bracket	1/2"-14 NPTF	2 Ports

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