

Fuel Water Separator (6 Port - Shown)

Warning: Engine fuel is extremely flammable, and every safety precaution should be taken during the installation. Fuel is flammable and explosive. Disconnect the battery and ensure that the key switch is off. If equipped, the lanyard is positioned so that the engine cannot start. Do not smoke or allow sources of spark or open flame in the area while servicing. Keep the work area well ventilated and avoid prolonged exposure to vapors. Always check for leaks before attempting to start the engine and wipe up any spilled fuel immediately. It is recommended that this product be installed by a qualified builder or technician. Improper installation or servicing of this product could result in damage to the product or personal injury to those installing/operating the product.



Kit Includes

- 1 Filter Head
- 1 Mounting Plate
- 4 Mounting Screws

- Fittings Sold Separately
- All Ports Require 1/2" NPT Fittings

Step 1

Attach mounting plate to filter head with supplied mounting screws. Recommended Torque: 24 LB-IN

NOTE: Mounting plate can be mounted upright or inverted.



Traditional Mounting

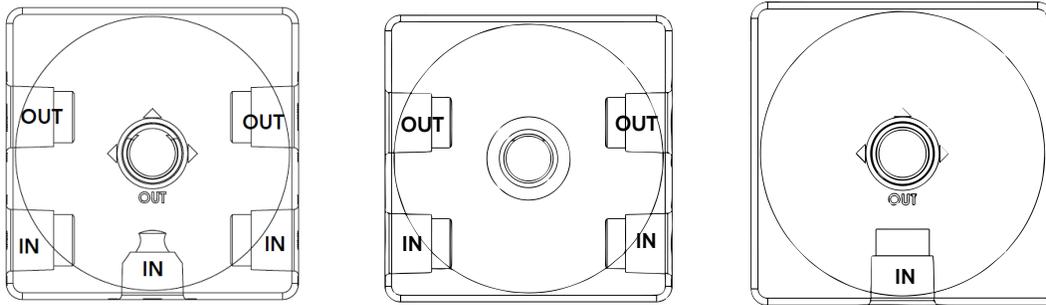


Inverted Mounting

NOTE: After completing installation, place these instructions with the product for owner's future use.

Step 2

Install hose fittings and block off plugs. Recommended Torque: 31-35 LB-FT There are three options for fuel inlet and fuel outlet. 6 Port, 4 Port, 2 Port are shown below.



NOTE: A quality marine pipe sealant that is fuel resistant is recommended for all hose fittings and block off plugs.



Step 3

Choose a mounting location of the filter that is of vertical orientation, one that will allow ease of service while removing/installing filter element. **DO NOT** mount fuel filter in a position that receives direct sunlight. **DO NOT** mount filter near any source of ignition. Make sure to install filter into the fuel line between the fuel tank and the engine. See Addendum 1.

Choose appropriate hardware for your application to mount the filter head. It is recommended to use four mounting screws to secure the filter head.



Before mounting the filter head, ensure you have enough clearance to install/service the fuel filter.

Step 4

Connecting fuel lines

If installing into an existing fuel system, all safety precautions must be observed including safely collecting any spilled fuel.

Verify fuel flow direction.

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Route hoses to fuel fittings and cut to appropriate length. It is recommended to use a quality hose cutting tool to ensure a clean straight cut on the hose.



Connect fuel lines to fuel filter head fuel fittings and secure with a quality marine approved retaining clamp . **See example below.**



Properly secure fuel lines to avoid any rubbing and chafing damage.

Step 5

Install fuel filter of your choice. It is recommended to use a light film of oil on the filter O-Ring to avoid damaging the O-ring during installation. Tighten fuel filter following the fuel filter manufacturers recommended procedure. Note in some applications it may be necessary to prime the filter before installation.



Apply light film of oil
on O-Ring

Step 6

Check all fittings, block off plugs and fuel lines for leaks.

NOTE: When filter replacement, is required always make sure the O-Ring from the removed filter is not stuck to the filter head before installing the new filter.



O-Ring

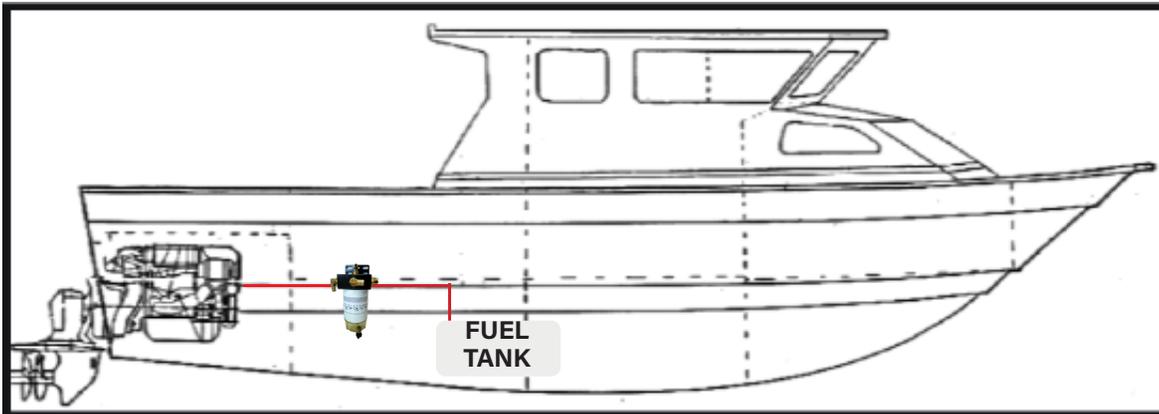


Filter Head

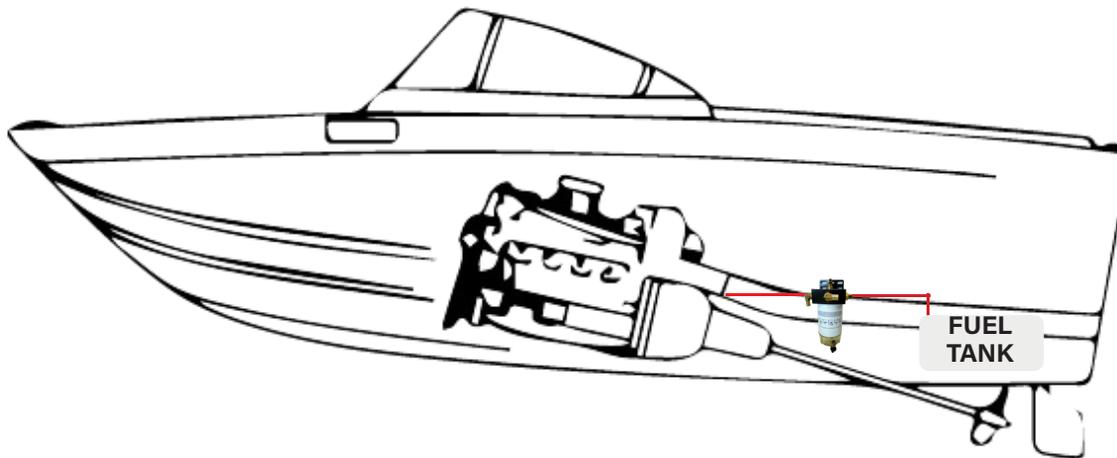
NOTE: Before starting the engine, some applications will require the system to be primed. Please refer to the engine manufacturer for specific documentation regarding this procedure.

Fuel/Water Separator Location

In/Outboard:



Inboard:



Outboard:

