

Exhaust

The exhaust system included in the kit comprises of an exhaust hull fitting, a flexible twin walled stainless steel exhaust, securing clamps.

A silenced exhaust is available as an option.

Installing the hull fitting

The position of the exhaust hull fitting will depend on several factors, where you have located the heater, whether your boat is sail or power, and the suitable surfaces available.

On a sailboat, the preferred location is on the transom, as it is normally the area least likely to be affected by seawater when sailing. It is also close to the heater, if it is located in a cockpit locker.

On a motorboat, the transom or side of the hull are suitable locations. However, when locating the hull fitting on the transom of a motorboat, the fitting should be positioned a minimum of 300mm above the waterline to avoid any following seas covering the fitting when the boat slows suddenly.

Attaching the exhaust

To avoid water ingress, the exhaust should be installed and routed as illustrated below.

Attach the condensate drain coil to the exhaust elbow and using the drain tube supplied route the tube into a suitable bilge area.

Please Note!

Small arrows indicating the direction of flow have been cast into the fittings to differentiate between the combustion air and the exhaust fittings at the heater.



Caution!

Safety instructions!

Although the supplied exhaust is insulated, it will get hot during and immediately after heater operation. To avoid potential safety issues the exhaust system must be installed according to these instructions.

- The exhaust hull fitting must not be fitted to a deck or horizontal surface.
- Under no circumstances connect the heater exhaust to an engine exhaust or any other exhaust system.
- The exhaust outlet must vent directly to atmosphere.
- Adequate clearance must be kept around the exhaust system to prevent interference with important functional parts of the boat, e.g. steering or throttle cables.
- Route the flexible exhaust giving clearance and consideration to heat sensitive components such as fuel lines, electrical cables, etc.
- Ensure the support brackets supplied are used to secure the exhaust and avoid damage by vibration.
- Position the hull fitting so that either the heater combustion air or other inlets cannot draw in exhaust fumes.
- Ensure that the position of the hull fitting allows fumes to exit freely and not affect nearby surfaces, e.g. fenders, ropes or mouldings.
- To avoid water ingress, the hull fitting must be at least 300mm above the waterline and a suitable bend formed in the exhaust to prevent water collecting in the exhaust.

Figure 6

