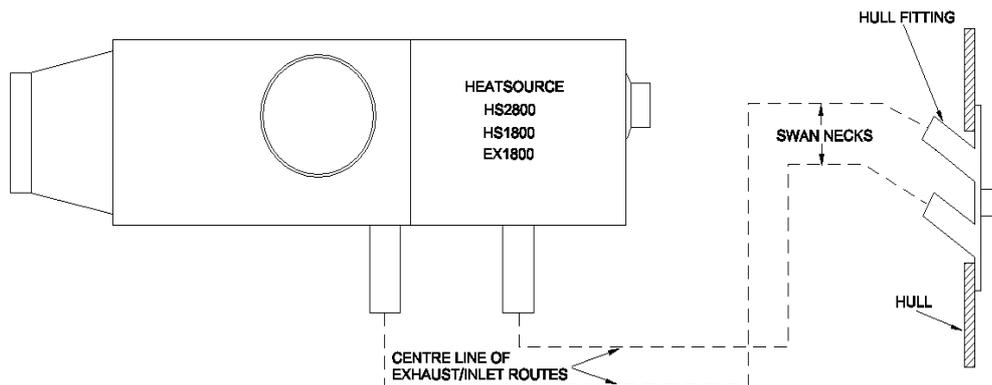


## MARINE INSTALLATION HS1800 HS2800 & EX1800



### ADDITIONAL FITTING INSTRUCTIONS

- a) Find a suitable location. This is very important in marine applications to ensure reliable service from your heater. The two 1m lengths of flexible stainless steel exhaust/combustion air inlet pipe are the maximum permissible, so choose a location where the exhaust can exit as high above the water-line as possible and that the area is dry, not exposed to weather and the heater will not have any wet ropes or sails stored against it. The first hot air outlet should be a maximum distance of 1.5 metres from the heater which will need to be taken into consideration when choosing a position.
- b) The heater should be mounted with the exhaust and combustion air inlet spigots pointing downwards.
- c) HS2800 - The L shaped mounting bracket is designed to be mounted on a bulkhead either way up, using the 1" no 12 self tapping screws provided. HS & EX1800 - Fix the lower mounting straps in the chosen position and secure with 6 of the 3/4" no8 self tapping screws provided. The lower straps can be identified by the heavier gauge stainless steel they are manufactured from, and the self adhesive pads should be stuck to them for the heater to sit on.
- d) HS2800 - Remove the four M4 mounting screws from the base of the heater, place the heater on the bracket and replace the four M4 screws. HS & EX1800 - Remove the inlet grill and plug in the five core and two core looms. Replace either the grill or inlet spigot, mount the heater on the lower straps and secure the upper straps using the M4 screws provided.
- e) Using the template provided, mark the area for the stainless steel skin fitting on the outside of the hull and drill two centre pilot holes. Ensure that there are no obstructions on the inside and open the holes out to the appropriate size. (See template for hole sizes)
- f) Mount the hull fitting on a bed of silicon sealant and fix in place with the four M4 x 25 set screws provided.
- g) Cut the stainless steel flue pipes to length and fix to the hull fitting and the heater using the hose clips provided.  
**NOTE: Ensure that the exhaust is not touching any cables, bilge pipes etc, as it does get hot!**
- h) Mount the hot air outlets in the desired location using a 95mm hole saw and route the ducting in the most direct way to ensure maximum flow. The distance from the heater to the first outlet, which should not be closable, should be a maximum of 1.5 metres to avoid the fan stalling and reducing the airflow. Cut the ducting to length and fix to the heater and outlets with the hose clips provided. If it is necessary to put ducting on the air inlet, it should be kept as short as possible, preferably less than 1 metre.