

# NO MORE COLD CRUISING – WARMTH WHERE YOU WANT IT





## WHY HEAT A NARROWBOAT?

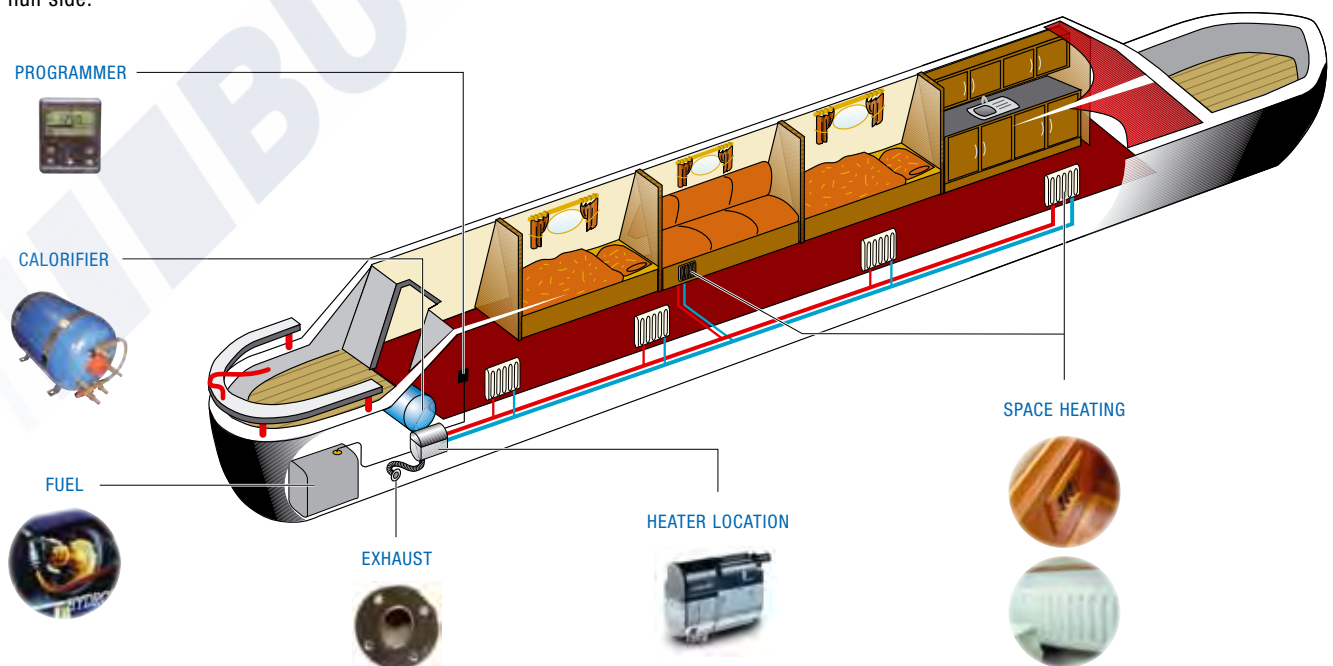
Homes are centrally heated, so why not your narrowboat. If you've boated in Spring and Autumn you'll know how chilly and miserable it can be. Even Summer has its moments, particularly at night! Or maybe you've not bothered and laid the boat up instead and only dreamed of being out there on those still sunny winter days.

But more than all of that is the problem of damp that convinces you to fit a heater. Inside, boats are naturally damp. Damp linings, fabrics, damp clothing. It's not only uncomfortable, but creates mould and will even affect the boat's equipment.

Fitting an Eberspächer heater will make time afloat that much more enjoyable.

We know space is at a premium on a boat. The miniature size of an Eberspächer heater reflects this. The heater is usually fitted in the engine compartment and the exhaust is led away to the transom or hull side.

The water heater has become the preferred option for narrowboats. Much like central heating at home, the Eberspächer diesel burning boiler feeds a pipe system through the boat, providing domestic hot water via a calorifier and space heating by radiators or fan blowers.





## TECHNICAL DATA

### THE RIGHT HEATER FOR YOUR NEEDS

#### EXHAUST

The products of the combustion are forced from the heater through an insulated and silenced exhaust to a hull fitting. This is a straight through skin fitting for a steel narrowboat, or an air cooled fitting if it is passing through a GRP or wooden hull.

#### CALORIFIER

This is the tank for domestic hot water fed by the pressurised cold water circuit. Through the calorifier runs a coil that carries heated water from the heater. This transfers its heat to the domestic water, which feeds basins and showers.

#### HEATER LOCATION

The Hydronic is usually installed in the engine area or aft locker.

#### FUEL

The heater's fuel metering pump draws the diesel that it needs directly from the boat's tank, via an independent standpipe. It is not connected in any way to the engine system. The fuel is delivered to the burner at a pre-set rate to be mixed with the combustion air. The fuel pump incorporates a replaceable fuel filter element located in the suction side.

#### SPACE HEATING

On narrowboats this is achieved by a traditional radiator system, usually running down one side of the boat. As an alternative, fan blowers can be used, located under berths or locker fascias. Heated towel rails are a great way to extend the system into bathrooms / heads.

#### PROGRAMMER

Control your heater with the latest 7-day timer programmer with 3 variable settings each day. The unit comes complete with diagnostic readout for simple troubleshooting.

#### EBERSPÄCHER HYDRONIC



		Hydronic 4	Hydronic 5	Hydronic M10
Diesel Version				
Voltage	Volt	12	12 / 24	12 / 24
Heat Output	Watt	2,400 / 4,300	2,400 / 5,000	1,500 / 3,500 / 8,000 / 9,500
Electrical Power Consumption	Watt	10 / 35	10 / 37	35 / 39 / 60 / 86
Fuel Consumption	l / h	0.27 / 0.53	0.27 / 0.62	0.18 / 0.40 / 0.90 / 1.20
Dimensions L x W x H	mm	220 x 86 x 160	220 x 86 x 160	331 x 138 x 174
Weight	kg	2.9	2.9	6.2

#### EBERSPÄCHER HYDRONIC – SELECTION GUIDE

Boat Length (ft)	42	45	49	52	55	59	62	65	68	72
Hydronic 4	Widebeam boat						Narrowboat			
Hydronic 5	Widebeam boat				Narrowboat					
Hydronic M10	Widebeam boat								Narrowboat	

 Widebeam boat  
 Narrowboat