

WARM AND COSY – AT SEA, IN ANY WEATHER





**BORIS HERRMANN AND EBERSPÄCHER
– A SUCCESSFUL TEAM**

Nothing but water for 30,000 nautical miles – a challenge that requires great endurance and the right partners. Partners like Boris Herrmann and Eberspächer. Since his victory in the 2010 Portimao Global Ocean Race, we have been supporting the leading German extreme yachtsman as his personal sponsor.

And Boris Herrmann knows the importance of an effective marine heater for competitive success.

"It was always warm and dry below deck, even in extreme weather conditions with large temperature differences, constant dampness and wet clothing."
Comfortable climate for noticeably greater performance.



A COLD CABIN IS A THING OF THE PAST THANKS TO EBERSPÄCHER

“There is nothing more contrary than the ocean” – so goes an “old salt” proverb. It’s no wonder then that conditions on board also change quite a bit: one minute the sun is shining brightly, the next a raw, whipping wind brings driving rain and bitter cold. And you’re in the middle of it. For the passionate skipper, all this has its own charm, of course. But after a tough day on deck, you’ve really earned your rest! Marine heaters by Eberspächer make sure you and your crew remain cosy and comfortable below decks. You decide exactly how warm you want it – and your Eberspächer heater will quickly and very quietly provide you with reliable heat for a wonderful sense of well-being. And chances are good that if the temperature on board is “up”, you’ll be “up-and-at-’em”, too. Anyone with an Eberspächer diesel-fuelled heater on board can feel confident venturing into rough regions, and will suddenly discover that even the cool seasons are perfect for exciting cruises.

A heater that fits your exact needs is very important to you. That’s why Eberspächer offers two different systems for you to choose from. Eberspächer air heaters focus on providing heat for the interior, thereby creating a snug, cosy atmosphere. Eberspächer water heaters do even more – they also heat your domestic water, so you have hot water at the turn of a tap – both in the shower and the galley.

Using an Eberspächer marine heater means that you benefit from the world’s leading technology. Eberspächer heating systems have been setting the standard for decades – and not just in the marine sector, but also in all branches of the passenger vehicle sector.

Eberspächer is the leading original equipment manufacturer for boats today. In many cases you can order your Eberspächer heater directly from the builder. We have established a closely integrated dealer network to ensure professional retrofitting. Just consult our list of service dealers to find the one closest to you.





AIRTRONIC

EBERSPÄCHER AIR HEATERS – INSTANT HEAT

22° C and 60% humidity: scientists have determined that people feel best at this temperature and humidity. So it's not surprising that this "rule of comfort" is even defined in a specific DIN standard (1946). Using an Eberspächer Airtronic heater quickly and easily provides you with just the right temperature, while also allowing continuous air exchange. The Airtronic D5, for example, exchanges up to 233 m³ of air per hour.

Skippers are individualists – and every boat has its own special quirks and characteristics that an Eberspächer marine heater has to cope with: smaller boats require solutions that are different for 65-foot yachts. Whether your boat is a sailboat or a motorboat makes a difference, too. And your selection of Eberspächer products is just as great. You will be sure to find heater outputs of 850 to 8,000 W for room volumes up to 70 m³. Stop by and talk it over with one of our boating specialists. He will be glad to make you a tailored installation quote.

YOUR AIRTRONIC ADVANTAGES:

- Power setting for fast, direct heating.
- Continuously variable temperature selection.
- Suitable for fresh air operation.
- Quiet operation.
- Can be used purely for ventilation on warm days.
- Great value for money in terms of cost and maintenance.
- Minimal assembly required – ideal for a retrofit installation.
- Maintenance-free and user-friendly.

RETROFIT / UPGRADE:

Eberspächer air heaters can be retrofitted to your boat quickly and easily. So it's never too late to indulge yourself and your crew with the benefit of true comfort! Take a quick look at our broad range of products and the many different ways you can use them. And then let our trained experts handle the installation.

RELIABLE ACCESSORIES, TOO:

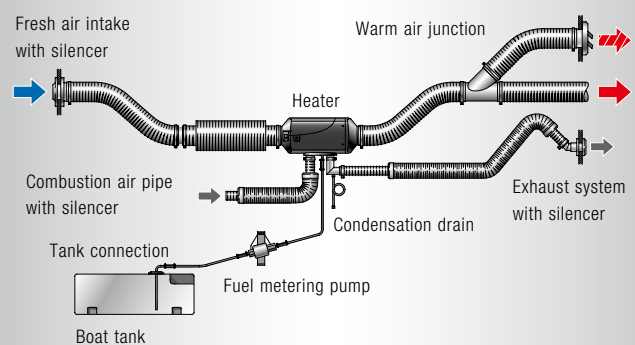
Do you need special accessories to further customise your Eberspächer heater to your individual requirements? We have a wide range of custom solutions – for smaller boats and ocean-going yachts. To find out more, just ask your local dealer.





INSTALLATION EXAMPLE:

Airtronic D4 in a 38-foot yacht.





HYDRONIC

EBERSPÄCHER WATER HEATERS – THE RIGHT HEAT WHERE YOU WANT IT

Cosy warm rooms, hot water: Your Eberspächer Hydronic water heater does all this for you. It keeps the cabin at the perfect temperature, and after a cold day outside, a hot shower is waiting for you. Your water is guaranteed to be at just the right temperature. In short: you've got advantages all round when you install an Eberspächer Hydronic.

The following principle applies to all Eberspächer water heaters: The right system for every type of boat – at just the right size and with optimal output values. This means Eberspächer has heaters from 4,000 to 35,000 watts of heat output for boats up to 100-feet plus. Choose the heater that's right for you – and let an experienced Eberspächer specialist install it for you.

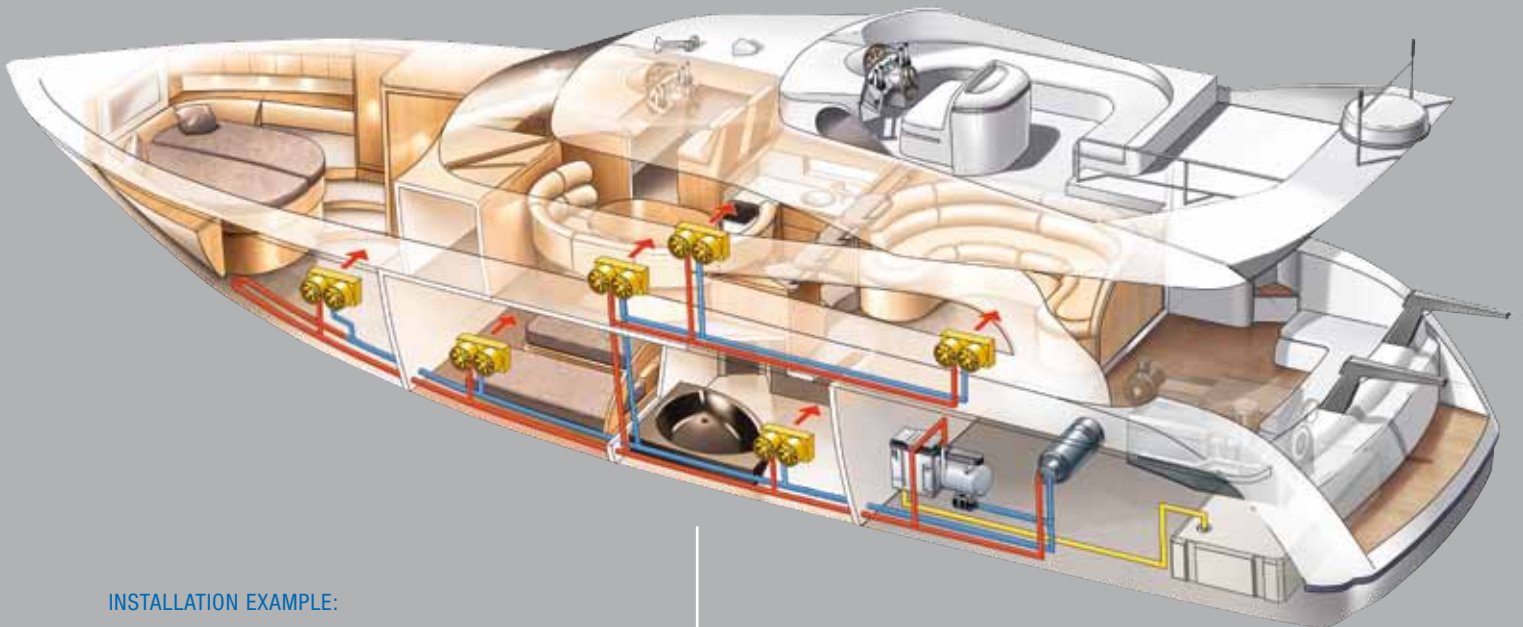
YOUR HYDRONIC ADVANTAGES:

- More consistent heat output.
- Individual temperature adjustment for every panel radiator.
- Domestic water can be heated.
- Flexible installation:
 - Can be installed in the engine compartment.
 - Small-diameter pipelines.
 - Need-driven heat output – either via panel radiators or heaters equipped with blowers.
- The engine can be pre-heated.
- Maintenance-free and user-friendly.

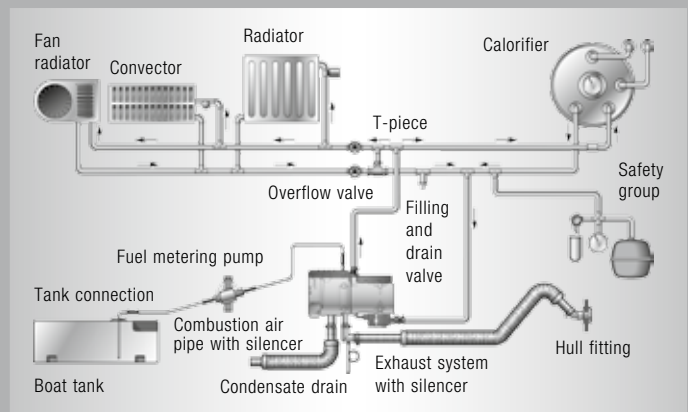
CLASS UPGRADE FOR EXTRA HEAT:

Do you want to distribute the heat from your Eberspächer marine heater even more precisely throughout the boat? Then Eberspächer water / air heat exchangers are an ideal supplement to the Hydronic heating system. These extremely fuel efficient and quiet heaters are available with heat outputs of 2 to 10 kW for 12 or 24 volt applications.



**INSTALLATION EXAMPLE:**

Hydronic M12 in a 55-foot motorboat.





TECHNICAL DATA

THE RIGHT HEATER FOR EVERY NEED

EBERSPÄCHER AIRTRONIC					
Diesel Version		Airtronic D2	Airtronic D4 Plus	Airtronic D5	D8 LC
Voltage	Volt	12 / 24	12 / 24	12 / 24	12 / 24
Heat Output	Watt	850 / 1,200 / 1,800 / 2,200	900 / 2,000 / 3,000 / 4,000	1,600 / 2,700 / 4,800 / 5,500	3,500 / 8,000
Air Flow Volume	m³/h	40 / 60 / 90 / 105	55 / 100 / 140 / 175	155 / 190 / 275 / 280	310
Electrical Power Consumption	Watt	8 / 12 / 22 / 34	7 / 16 / 30 / 55	25 / 35 / 80 / 85	115 / 115
Fuel Consumption	l / h	0.10 / 0.15 / 0.23 / 0.28	0.11 / 0.25 / 0.38 / 0.51	0.20 / 0.34 / 0.58 / 0.66	0.4 / 1.05
Dimensions L x W x H	mm	310 x 115 x 122	371 x 140 x 150	530 x 170 x 185	653 x 260 x 250
Weight	kg	2.7	4.5	9.3	14

EBERSPÄCHER AIRTRONIC – SELECTION GUIDE

Boat Length (ft)	13	16	19	22	26	29	32	36	39	42	45	49	52	55	59	62	65
Airtronic D2																	
Airtronic D4 Plus																	
Airtronic D5																	
D8 LC																	

 Sailing boat
 Motor boat



EBERSPÄCHER HYDRONIC									
Diesel Version		Hydronic 4	Hydronic 5	Hydronic M10	Hydronic M12	Hydronic L16	Hydronic L24	Hydronic L30	Hydronic L35
Voltage	Volt	12	12 / 24	12 / 24	12 / 24	24	24	24	24
Heat Output	Watt	2,400 / 4,300	2,400 / 5,000	1,500 / 3,500 / 8,000 / 9,500	1,200 / 1,500 / 3,500 / 5,000 9,500 / 12,000	16,000	24,000	30,000	35,000
Electrical Power Consumption	Watt	10 / 35	10 / 37	35 / 39 / 60 / 86	34 / 35 / 39 / 46 / 86 / 132	60	80	105	120
Fuel Consumption	l/h	0.27 / 0.53	0.27 / 0.62	0.18 / 0.40 / 0.90 / 1.20	0.15 / 0.18 / 0.40 / 0.65 / 1.20 / 1.50	2	2.9	3.65	4.2
Dimensions L x W x H	mm	220 x 86 x 160	220 x 86 x 160	331 x 138 x 174	331 x 138 x 174	600 x 220 x 222	600 x 220 x 222	600 x 220 x 222	600 x 220 x 222
Weight	kg	2.9	2.9	6.2	6.2	18	18	18	18

EBERSPÄCHER HYDRONIC – SELECTION GUIDE

Boat Length (ft)	19	22	26	29	32	36	39	42	45	49	52	55	59	62	65	68	72
Hydronic 4																	
Hydronic 5																	
Hydronic M10																	
Hydronic M12																	
Hydronic L16																	
Hydronic L24/L30/L35																	

- Sailing boat
- Motor boat
- Narrow boat



ACCESSORIES

CONTROL FEATURES

We offer a broad range of user-friendly control features to make it easy for you to enjoy the comfort of Eberspächer heaters. First among them is our new EasyStart Call, allowing you to operate your heater conveniently by smartphone app. An innovative app available free-of-charge from the “Apple App Store” or “Google Play” transforms the touchscreen into a control panel. The application discretely transmits all settings directly to the heater’s GSM module. Thanks to simple and intuitive navigation, you can operate your heater with increased convenience wherever you are – regardless of range! And the other control features from the innovative EasyStart product range set standards for ease of operation: backlight displays, intuitive guided user interfaces, and large buttons.





CONTROLS						
						
Model	Room-temperature Sensor	Mini-Controller	701 Series Programmer	801 Series Modulator	Timer EasyStart T	Telephone Remote Control EasyStart Call**
Heater Model	Airtronic	Airtronic	Airtronic / Hydronic	Airtronic	Airtronic / Hydronic	Airtronic / Hydronic
Properties	—	Controls room temperature With integrated heating / ventilation switch	Controls room temperature With integrated heating / ventilation option	Controls room temperature With integrated heating / ventilation option	For installation in boat interior Innovative, intuitive user guidance via a menu bar	GSM module with voice chip Operated by voice menu, text message, or smartphone app. (available for Apple and Android)
Preset	—	No	Memory for 3 settings per day, 7 days per week	No	Memory for 3 pre-select times within 7 days	Memory for 3 time presets
Automatic Calculation of Heating Time in Preset Mode	—	No	No	No	Optional	Manual
Immediate Start-up Mode	—	No	Adjustable from 10 minutes to 8 hours	No	Can be set for 10 - 120 minutes, continuous heating possible	Can be set for 10 - 120 minutes, continuous heating possible
Pre-Ventilation	—	Yes*	Yes	Yes	Yes*	Yes*
Temperature Display	—	No	By lamp indicator	Yes	Optional	Interior temperature request
Feedback	—	Yes	No	No	Heater status	Heater status request and timer feedback
Range	—	—	—	—	—	Unlimited (requires network reception at vehicle location)
Display	—	Two colour LEDs	LCD screen	LCD screen Two colour LEDs	LED displays, e.g. for time, heating time, temperature in the cabin interior. Lighting integrated with the boat lighting circuit	When using official Eberspächer app. the smartphone displays all corresponding parameters

* Depending on heater type.

** SIM card: 1.8-V or 3-V SIM card/pre-paid card from a network operator supporting the GSM 900/1800 (D-net, E-net) standard in Europe; Use outside of country of purchase may incur roaming fees for EasyStart Call for outgoing or incoming text messages or incoming calls. Roaming fees may also be incurred near borders due to network overlap. Operation of air heaters requires no additional control feature. EasyStart Call is not designed for use in conjunction with other control features.

THE COMPREHENSIVE EBERSPÄCHER PRODUCT RANGE ALSO INCLUDES HEATING, AIR CONDITIONING AND REFRIGERATION SYSTEMS FOR COMMERCIAL VEHICLES, CARS, BUSES, COACHES, MOTORHOMES, CARAVANS, MARINE, OFF-HIGHWAY AND MILITARY APPLICATIONS.

MORE INFORMATION IS AVAILABLE FROM ONE OF OUR 5,000 SERVICE PARTNERS WORLDWIDE.

AUTHORISED DEALER

Eberspächer (UK) Ltd
Headlands Business Park
Salisbury Road, Ringwood
Hampshire BH24 3PB
Tel: 01425 480151
Fax: 01425 480152
enquiries@eberspaecher.com
www.eberspaecher.com

