

WARM AND COSY –
AT SEA, IN ANY WEATHER



**OUR
NEW
LITTLE GEMS**





**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 Portimão 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 owner, 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 cozy 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 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 the tap - both in the shower and the galley.

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

Eberspächer is a leading original equipment manufacturer in boats today, and for many types of boat you can order your Eberspächer directly from the shipyard. We have established a closely integrated global partner network to ensure professional retrofitting. Just consult our list of service stations or visit www.eberspaecher-marine.de to find the one closest to you.





AIRTRONIC

EBERSPÄCHER AIR HEATERS – INSTANT HEAT

22 °C and 60% air 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, creates up to 233 cubic meters of air flow per hour.

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

YOUR AIRTRONIC ADVANTAGES:

- Power setting for fast, direct heating
- Continuously variable temperature selection
- Suitable for fresh air operation
- Nearly silent 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
- Eberspächer air heaters can be retrofitted to your boat quickly and easily.



THE NEW RANGE OF AIR VENTS:

Particularly colorfast and durable even at high temperatures, the covers of our completely re-designed range of vents are impressive, featuring a streamlined and high-quality design that allows for a variety of flow directions. They are available in white and black, allowing seamless integration into any interior.

- Clear, simple system thanks to the modular concept
- Plug-in connections between the cover and fitting or fitting and air hose for easy assembly

THE INNOVATIVE AIR REGULATING ELEMENTS:

In order to counteract the non-uniform distribution of warm air in multi-duct systems with several vents, we have developed innovative air flow regulating elements that are simply clipped into the hose connection fitting of the air vent. The regulating elements, which are registered for patent protection, reduce the flow cross section as needed and thereby decrease the emerging air flow.

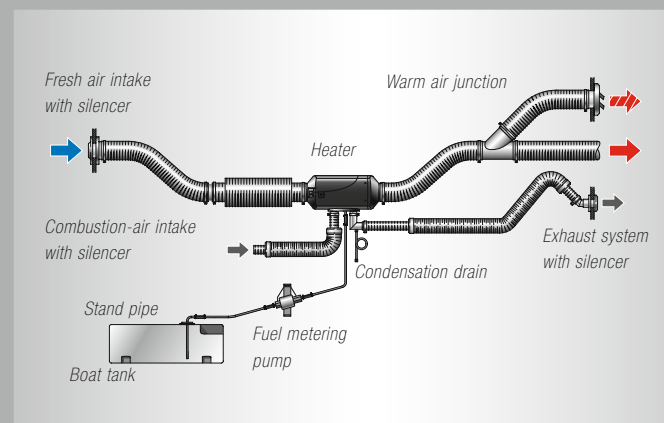




INSTALLATION EXAMPLE:*

In this example, the Airtronic is installed in the port locker. Fresh air is taken from the locker; the hot air vents are distributed throughout the boat. The exhaust system exits above the waterline at the transom.

* Do you need special accessories to further customize 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 request an Eberspächer marine heaters catalog.





HYDRONIC

EBERSPÄCHER WATER HEATERS – THE RIGHT HEAT WHERE YOU WANT IT

Cozy warm rooms, hot water, engine warmed up: 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, and thanks to pre-heating, you avoid wear and tear on your engine. 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. Eberspächer has heaters from 5,000 to 35,000 watts of heat output. Choose the heater that's right for you, and let an experienced specialist boat shop install it for you.

YOUR HYDRONIC ADVANTAGES:

- More consistent heat output
- Individual temperature adjustment for every panel radiator
- No blower noises from panel radiators
- Domestic water heating possible
- 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

SPECIAL ADVANTAGES OF HYDRONIC 2 COMMERCIAL:

- Extra long service life of 5,000 operating hours
- Guaranteed to start in temperatures as low as -40°C
- Extremely quiet due to optimized casing insulation and 1.2-kW low output setting
- Fast heating using the power setting

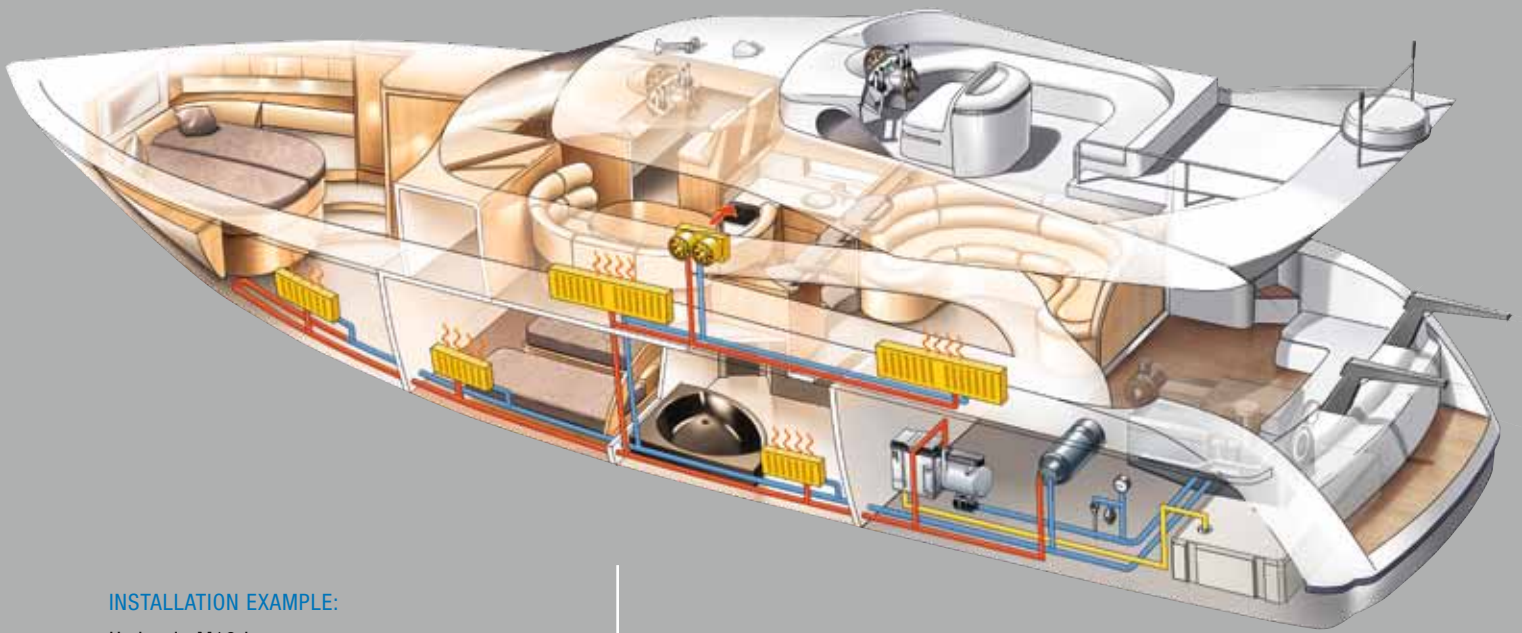
PLEASE NOTE FOR SAILING YACHTS:

Domestic water can be heated by water heaters.

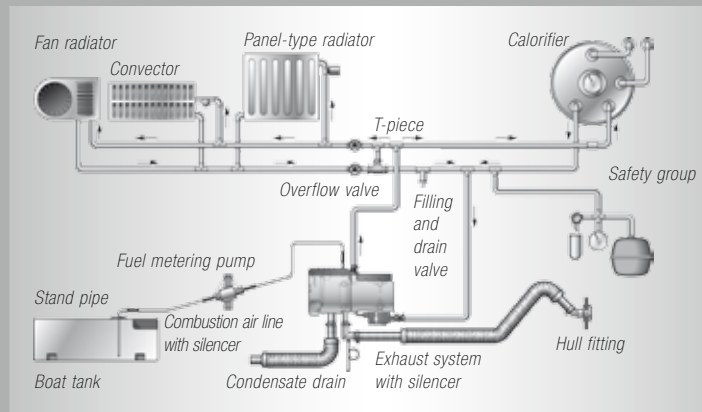
CLASS UPGRADE FOR EXTRA HEAT:

Do you want to distribute the heat from your Eberspächer marine heater even more precisely throughout the boat? Then Eberspächer water/air convectors are a perfect addition to the Hydronic heating system. These extremely fuel efficient and nearly silent devices are available with heat outputs of 2 to 10 kW for 12 or 24 volt applications.







INSTALLATION EXAMPLE:
Hydronic M10 in an approx.
36-foot-long motor yacht





TECHNICAL DATA

THE RIGHT HEATER FOR EVERY NEED

EBERSPÄCHER AIRTRONIC							
Diesel version		Airtronic D2	Airtronic D3*	Airtronic D4*	Airtronic D4 Plus*	Airtronic D5	D8 LC
Voltage	V	12/24	12	12/24	12/24	12/24	12/24
Heat output	W	850/1,200/ 1,800/2,200	900/1,600/ 2,200/3,000	900/2,000/ 3,000/4,000	900/2,000/ 3,000/4,000	1,600/2,700/ 4,800/5,500	3,500/8,000
Air flow volume	kl/h	40/60/90/105	60/90/120/150	60/110/150/185	55/100/140/175	155/190/275/280	310
Electrical power consumption	W	8/12/22/34	7/10/16/24	7/13/24/40	7/16/30/55	25/35/80/85	115/115
Fuel consumption	l/h	0.10/0.15/ 0.23/0.28	0.11/0.20/ 0.28/0.38	0.11/0.25/ 0.38/0.51	0.11/0.25/ 0.38/0.51	0.20/0.34/ 0.58/0.66	0.4/1.05
Dimensions LxWxH	mm	310 x 115 x 122	371 x 140 x 150	371 x 140 x 150	371 x 140 x 150	530 x 170 x 185	653 x 260 x 250
Weight	kg	2.7	4.5	4.5	4.5	9.3	14

* 100% biodiesel-compatible in accordance with FAME DIN EN 14214

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	Sailing yacht																
Airtronic D3	Sailing yacht			Motor yacht													
Airtronic D4		Sailing yacht		Motor yacht													
Airtronic D4 Plus			Sailing yacht		Motor yacht												
Airtronic D5						Sailing yacht		Motor yacht									
D8 LC									Sailing yacht				Motor yacht				

 Sailing yacht  Motor yacht

* This is a basic guide, and the heater size may vary due to your seasonal requirements, boat's geographical location, volume, insulation, etc.

EBERSPÄCHER HYDRONIC



Diesel version		Hydronic 2 Commercial*	Hydronic 2 Economy		Hydronic 2 Comfort**
Model		D5S	D4S	D5S	D5SC
Voltage	V	12 / 24	12	12	12
Heat output	W	1,200 / 2,100 / 4,800	2,100 / 4,100 / 4,300	2,100 / 5,000 / 5,200	2,100 / 5,000 / 5,200
Electrical power consumption	W	5 / 8 / 27	12 / 21 / 27	12 / 37 / 40	22 / 47 / 50
Fuel consumption	l/h	0.15 / 0.26 / 0.59	0.26 / 0.5 / 0.52	0.26 / 0.61 / 0.64	0.26 / 0.61 / 0.64
Dimensions L x W x H	mm	214 x 86 x 139	214 x 86 x 139	214 x 86 x 139	262 x 90 x 184
Weight	kg	2.4	2.4	2.4	2.9

* 100% biodiesel compatible in accordance with FAME DIN EN 14214, extra-long service life of 5,000 operating hours.

** Special passenger-car development with approx. 60% shorter heating time, thereby also suitable for short-distance drivers

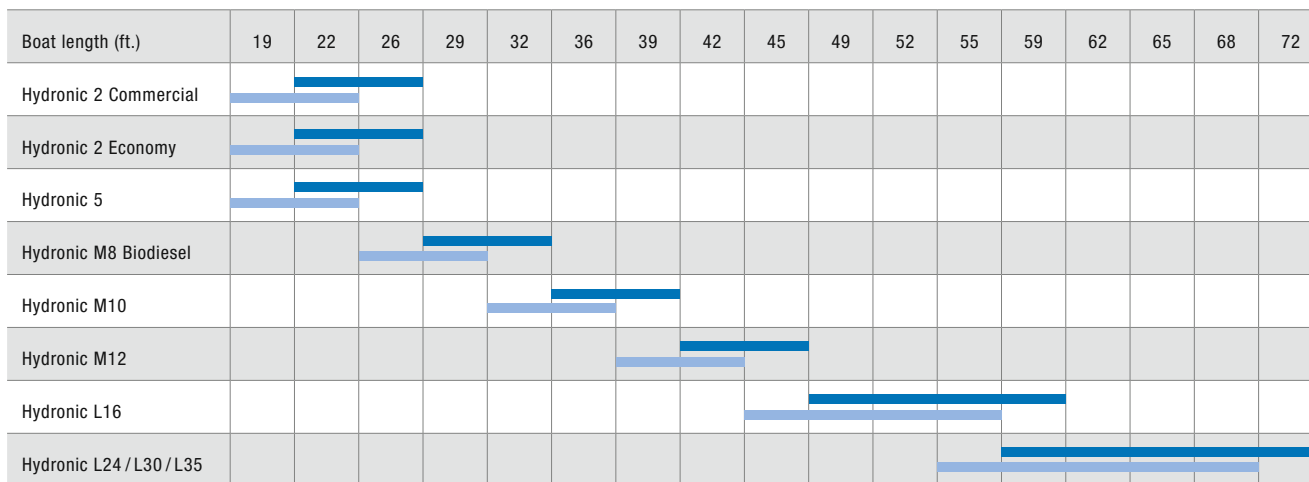
EBERSPÄCHER HYDRONIC



Diesel version		Hydronic M8 Biodiesel*	Hydronic M10	Hydronic M12	Hydronic L16	Hydronic L24 / L30 / L35
Voltage	V	12 / 24	12 / 24	12 / 24	24	24
Heat output	W	1,500 / 3,500 / 5,000 / 8,000	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	W	35 / 39 / 46 / 55	35 / 39 / 60 / 86	34 / 35 / 39 / 46 / 86 / 132	60	80 / 105 / 120
Fuel consumption	l/h	0.18 / 0.40 / 0.65 / 0.90	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	331 x 138 x 221	331 x 138 x 221	331 x 138 x 221	600 x 220 x 222	600 x 220 x 222
Weight	kg	6.2	6.2	6.2	18	18

* 100% biodiesel-compatible in accordance with FAME DIN EN 14214

EBERSPÄCHER HYDRONIC – SELECTION GUIDE*



■ Sailing yacht ■ Motor yacht

* This is a basic guide, and the heater size may vary due to your seasonal requirements, boat's geographical location, volume, insulation, etc.









ACCESSORIES

CONTROL ELEMENTS

We redeveloped our EasyStart family so that you can quickly and conveniently enjoy all the comforts of an Eberspächer pre-heater. The most important aspects we asked our developers to keep in mind were ease of use and simplicity of design. The result is a new generation of control elements. Thanks to their intuitive design, attractive look, and high-quality workmanship they are one of a kind! Moreover, EasyStart Call allows you to operate your pre-heater conveniently by smartphone app. The new EasyStart family – the latest in pre-heater operation.



CONTROL ELEMENTS		NEW 	NEW 	NEW 	NEW 	
Model	Room temperature sensor	EasyStart Select Control unit	EasyStart Timer Timer	EasyStart Remote Remote control	EasyStart Remote+ Remote control	EasyStart Call* Telephone remote control
Heater model	Airtronic	Airtronic/Hydronic	Airtronic/Hydronic	Airtronic/Hydronic	Airtronic/Hydronic	Airtronic/Hydronic
Functions	<ul style="list-style-type: none"> For use in fresh air operation 	<ul style="list-style-type: none"> Heating/ventilation on/off 	<ul style="list-style-type: none"> Heating/ventilation on/off Additional device on/off Program/delete pre-select mode Long-press function for immediate heating A second heater can be operated Required temperature can be set using arrow keys (left/right) (only with automatic operating time calculation) 	<ul style="list-style-type: none"> Heating/ventilation on/off Operating time adjustable 	<ul style="list-style-type: none"> Heating/ventilation on/off Additional device on/off Program/delete pre-select mode Long-press function for immediate heating A second heater can be operated Required temperature can be set using arrow keys (left/right) (only with automatic operating time calculation) 	<ul style="list-style-type: none"> Heating/ventilation on/off Additional device on/off Required temperature can be set using arrow keys (left/right) (only with automatic operating time calculation)
Pre-select mode	—	—	<ul style="list-style-type: none"> 3 programming locations within 7 days Selection of individual days of the week or one of three time periods (Mo.–Fr. / Sa.+Su. / Mo.–Su.) 	—	<ul style="list-style-type: none"> 3 programming locations within 7 days Selection of individual days of the week or one of three time periods (Mo.–Fr. / Sa.+Su. / Mo.–Su.) 	<ul style="list-style-type: none"> 3 programming locations within 7 days Selection of individual days of the week or one of three time periods (Mo.–Fr. / Sa.+Su. / Mo.–Su.)
Automatic heating time calculation in pre-select mode	—	—	Optional with connection of temperature sensor	—	Yes	—
Immediate start-up mode running time	—	60 min. preset	Adjustable 10 – 120 min.	Adjustable 10, 20, 30, 40, 50 or 60 min.	Adjustable 10 – 120 min.	Adjustable 10 – 120 min.
Pre-ventilation**	—	Yes	Yes	Yes	Yes	Yes
Display Interior temperature	—	—	Optional	—	Yes	Yes
Feedback	—	<ul style="list-style-type: none"> Status: Heater Status: Connection to the heater 	<ul style="list-style-type: none"> Status: Heater Status: Connection to the heater 	<ul style="list-style-type: none"> Data transfer successful Status: Heater Status: Connection to the heater 	<ul style="list-style-type: none"> Data transfer successful Status: Heater Status: Connection to the heater 	<ul style="list-style-type: none"> Status: Heater and timer Feedback by voice output or text message Status: Connection to the heater
Range	—	—	—	Up to 1 km under optimum conditions	Up to 1 km under optimum conditions	Unlimited (given network coverage)
Display	—	LED-illuminated ICON display. Lighting can be integrated with vehicle lighting circuit.	LED-illuminated matrix display. Lighting can be integrated with vehicle lighting circuit.	Two-tone LED	LED-illuminated matrix display	Display via smartphone app

* 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. If the heater is used abroad, EasyStart Call roaming fees may also be incurred for outgoing and incoming text messages and incoming calls. Roaming fees may also be incurred near borders due to network overlap. Operation of air heaters requires no additional control element. EasyStart Call is not designed for use in conjunction with other control elements.

** Depending on heater type

EBERSPÄCHER'S COMPREHENSIVE PRODUCT RANGE ALSO OFFERS HEATER SYSTEMS FOR PASSENGER CARS, BUSES, AND MOTOR HOMES.

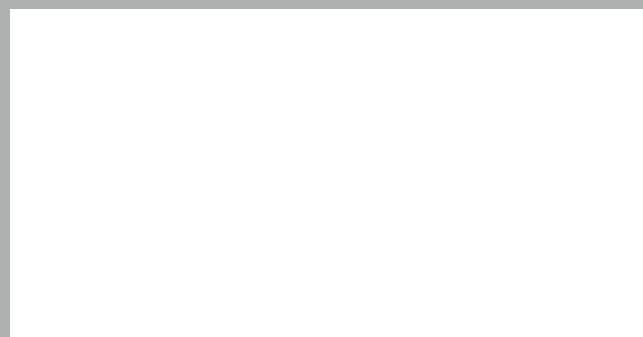
MORE INFORMATION IS AVAILABLE FROM ANY OF OUR 5,000 SERVICE PARTNERS WORLDWIDE.

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