

BOAT HEATERS | MOTORBOATS, SAILBOATS AND YACHTS

WARM AND COZY –
AT SEA, IN ANY WEATHER



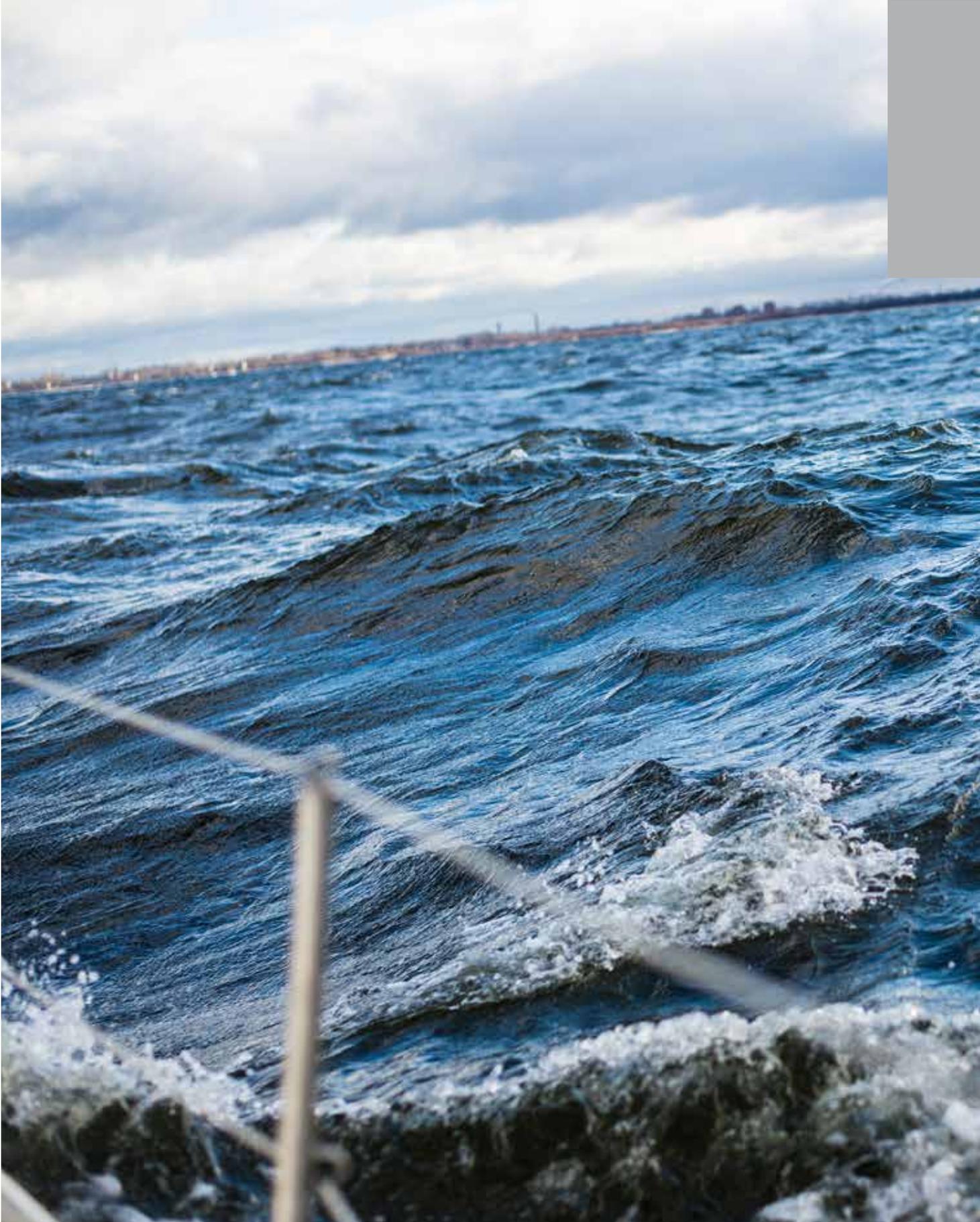
BOAT HEATERS



A WORLD OF COMFORT



Eberspächer



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



There is nothing more contrary than the ocean. 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 and dry clothing! Boat heaters from Eberspächer make sure you and your crew remain cozy and comfortable below decks. You decide exactly how warm you want it – your heater will quickly and very quietly provide you with reliable heat for a wonderful sense of well-being and will dehumidify the boat. And chances are good that if the temperature on board is “up,” you'll be “up-and-at-'em,” too. Anyone with an Eberspächer boat heater on board can feel confident venturing into rough regions, and will suddenly discover that even the cool seasons are perfect for exciting cruises – your sailing season will be much longer.

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, cozy atmosphere especially quickly. Eberspächer water heaters generate heat in conjunction with a boiler for your tap water – this means that, for example, in the shower or in the galley hot water is available at your demand.

Using an Eberspächer boat heater means benefiting from world 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 global partner network to ensure professional retrofitting. You can find the addresses of our service stations near you at www.eberspaecher-marine.de.



YOUR HEAT REQUIREMENT ON BOARD – OUR SOLUTIONS



“WHAT KIND OF BOAT DO I HAVE – AND WHAT’S MY HEAT REQUIREMENT?”

Owners are individualists – and every boat has its own special quirks and characteristics that an Eberspächer marine heater must cope with: smaller boats require other solutions than 65-foot yachts. Whether your boat is a sailboat or a motorboat makes a difference, and the selection of Eberspächer products is just as great. With available heating performance values from 900 to 35,000 W, you will surely find the right solution. You can be assured of always receiving the ideal solution for your requirement from Eberspächer.

I need a pleasant climate in the cabin promptly, and prefer a simple and cost-effective solution. //

We recommend: Airtronic air heater



I need a heater that I can use independently overnight at sea and that consumes little energy. //

We recommend: Airtronic air heater



I would like a constant, pleasant climate on board – just like at home – and I have a sufficient power supply at my disposal. //

We recommend: Hydronic water heater



I'd like to have tap water heating in combination with room heating or floor heating in the form of a diesel heater. // **We recommend: Hydronic water heater with additional accessories**





EBERSPÄCHER AIRTRONIC AIR HEATERS



Using an Eberspächer Airtronic air heater quickly and easily provides you with just the right temperature – ideal for drying clothing and dehumidifying the interior. And because our Airtronic is extremely efficient in fuel and electricity consumption and is extremely quiet, even long operating times or night operation is no problem. You can precisely control the temperature yourself – how warm it should be in your cabin during the day and night.

You'll find the Eberspächer product range contains the right solution for a variety of different boat types. For a small boat or an impressive sailing yacht, an Eberspächer Airtronic is always the perfect fit. The new Airtronic family is the logical successor to the popular Eberspächer air heater. The new Airtronic 2 now comes equipped with a brushless motor, which has further increased its durability. What's more, the acoustics have been improved by the new motor, a modern control system, and the latest metering pump technology. As part of the redesign, the Airtronic M2 Recreational was developed specifically for motor boats with long air ducts.

// YOUR AIRTRONIC ADVANTAGES

- Extremely fast interior air heating by power setting
- Silent night-time operation thanks to dynamic, stepless heating output control and a new, quiet metering pump
- Increased lifespan of up to 5,000 hours thanks to the brushless motor
- Direct heat and efficient operation: Unlike in a combination heater, the tap water is not heated along with the air, therefore ensuring very high efficiency
- Low fuel and electricity consumption
- Automatic interior temperature control with temperature pre-setting
- Dehumidifies the interior through hot-air outlets
- Eberspächer air heaters can be retrofitted in your boat quickly and easily
- Suitable for fresh-air operation
- Great value for money in terms of cost and maintenance



EBERSPÄCHER AIRTRONIC

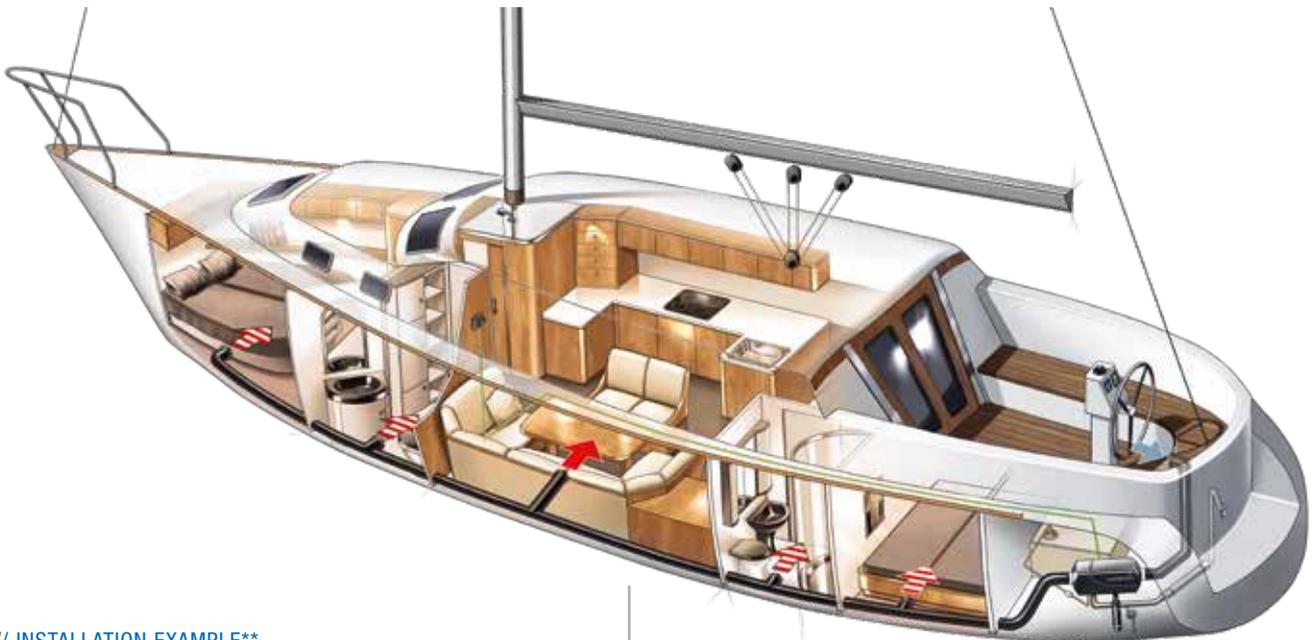
THE RIGHT HEATER FOR EVERY NEED

EBERSPÄCHER AIRTRONIC – SELECTION GUIDE:*

Boat length (ft.)	13	16	19	22	26	29	32	36	39	42	45	49
Airtronic S2 Commercial	Sailing yacht											
Airtronic M2 Commercial			Sailing yacht			Motor yacht						
Airtronic M2 Recreational					Sailing yacht		Motor yacht					

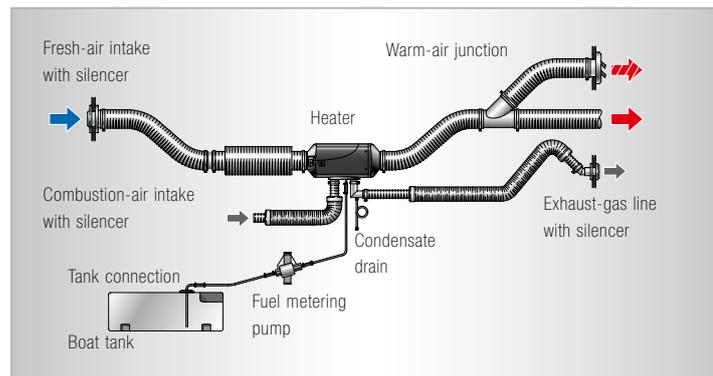
█ Sailing yacht
 █ Motor yacht

* The size of the heater depends on the length of the boat, where it sails, the time of year and the volume of space to be heated.



// 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 pipe exits above the waterline at the transom.



** Do you need special accessories to further customize your Eberspächer heater to your individual requirements even more closely? We have a wide range of custom solutions – for smaller boats and ocean-going yachts. To learn more, simply order the Eberspächer marine catalog.

**NEW****NEW**

TECHNICAL DATA		Airtronic S2 Commercial		Airtronic M2 Commercial		Airtronic M2 Recreational*
		Diesel		Diesel**		Diesel
Version		D2L		D4L		D4R
Voltage	V	12	24	12	24	12
Heating power control		Stepless				
Heating performance	kW	0,9 bis 2,2		0,9 bis 4,0		0,9 bis 4,0
Heating-air throughput	kg/h	105 (Ø 75 mm)		185 (Ø 90 mm)		190 (Ø 90 mm)
Electrical power consumption	W	34		40		65
Fuel consumption	l/h	0,28		0,51		0,51
Weight	kg	2,7		4,5		
Main dimensions L x W x H	mm	310 x 115 x 122		371 x 140 x 150		

* Use in campers/RVs or boats, for example. For long, complex heating-air ducting, e.g. when many metres of heating-air hose must be laid.

** Also available as gasoline version (12 V)

EBERSPÄCHER AIRTRONIC ACCESSORIES



// ACCESSORIES FOR INSTALLATION

Numerous practical accessory items are available for fast, trouble-free installation of the heating-air ducting.

- Y- and T- pieces
- Control flap
- Hoses
- Air vents
- Air-intake and heating-air silencer



// THE ATTRACTIVE RANGE OF AIR VENTS

Particularly colorfast and durable even at high temperatures, the covers of our completely redesigned range of vents are impressive, featuring a streamlined and high-quality design that allows for a variety of flow directions (see p. 14 for details).



// THE INNOVATIVE AIR REGULATING ELEMENTS

The regulating elements reduce the flow cross section as needed and thereby decrease the emerging air flow. Available for fitting diameters 60, 75 and 90 mm (see p. 14 for details).



// ROOM TEMPERATURE SENSOR

The external temperature sensor reliably measures the current temperature in your boat and automatically adjusts the pre-heater to the setpoint temperature. Required for Airtronic use in fresh-air mode.



EBERSPÄCHER HYDRONIC WATER HEATERS

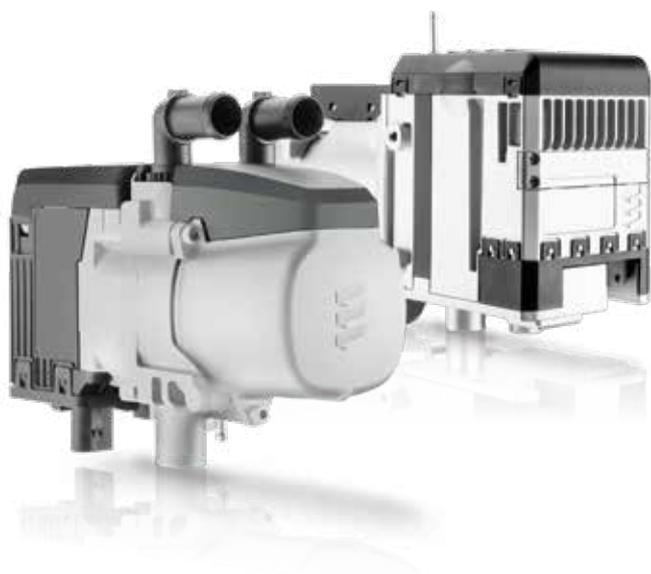


Cozy warm rooms, hot water, engine warmed up: Your Eberspächer Hydronic water heater can do all this for you. It keeps the cabin at the perfect temperature, and after a cold day outside, a hot shower is waiting for you. Your water is guaranteed to be at just the right temperature, and thanks to pre-heating, you avoid wear and tear on your engine. In short: you have 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 power values. Eberspächer has heaters from 1,300 to 35,000 watts heating performance. Choose the heater that's right for you, and let an experienced specialist boat shop install it for you.

// YOUR HYDRONIC ADVANTAGES

- More uniform heat distribution – just like at home
- Individual temperature adjustment at every panel radiator
- No blower noises from panel radiators
- Tap water heating in conjunction with a boiler is possible
- Flexible installation:
 - Can be installed in the engine compartment
 - Small-diameter pipelines
 - Need-driven heat output – either via panel radiators or radiators with fan
- The engine can be preheated



EBERSPÄCHER HYDRONIC

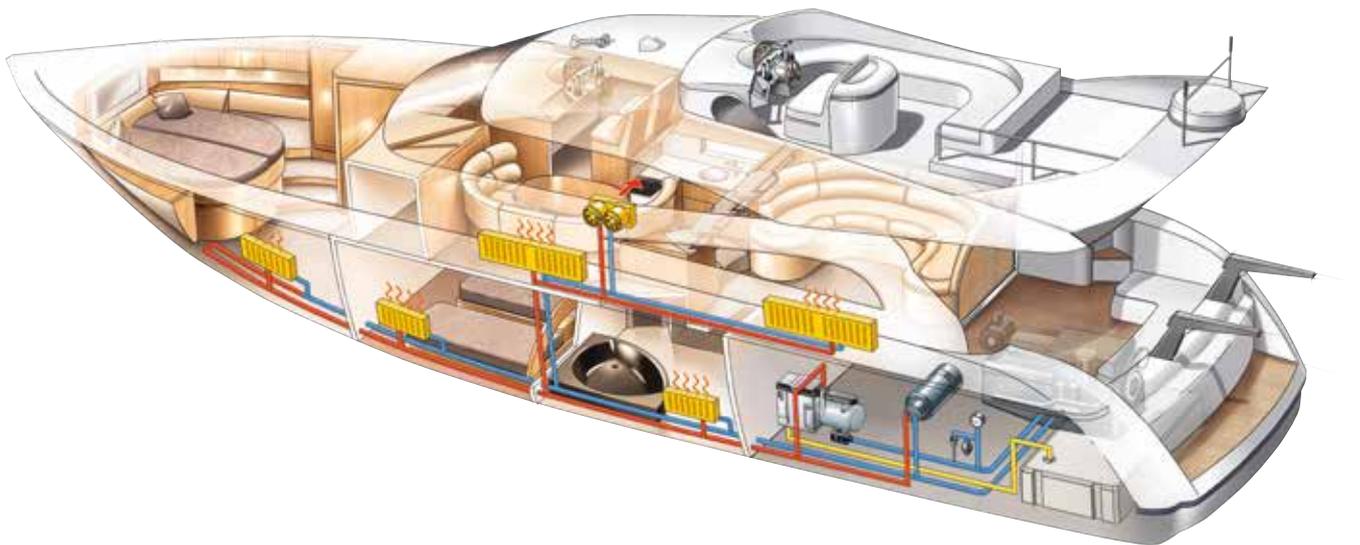
THE RIGHT CHOICE FOR OPTIMAL COMFORT

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 S3 Economy	Sailing yacht		Sailing yacht														
Hydronic M8 Biodiesel	Sailing yacht		Sailing yacht														
Hydronic M10	Sailing yacht		Sailing yacht														
Hydronic M12	Sailing yacht		Sailing yacht														
Hydronic L16	Sailing yacht		Sailing yacht														
Hydronic L24/L30/L35	Sailing yacht		Sailing yacht														

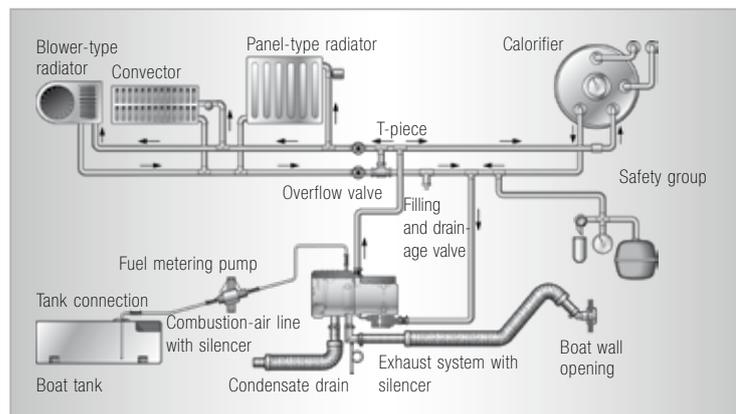
█ Sailing yacht █ Motor yacht

* The size of the heater depends on the length of the boat, where it sails, the time of year and the volume of space to be heated.



// INSTALLATION EXAMPLE

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





TECHNICAL DATA

Version		Hydronic S3 Economy*	Hydronic S3 Economy*
Model		D4E (Diesel)**	D5E (Diesel)**
Voltage	V	12	12
Heating performance	W	1,300 to 4,300	1,300 to 5,000
Power consumption, heater	W	5 / 24	5 / 32
Power consumption, water pump		18	18
Fuel consumption	l/h	0.53	0.59
Dimensions L x W x H	mm	215 x 91 x 124	215 x 91 x 124
Weight	kg	2.0	2.0

* For mains operation (230 V/50 Hz), e.g. in marinas, installation must be carried out with the special cable harness (item no.: 25 2652 82 11 00). The cable harness is included in the universal installation kit for recreational vehicles and boats (item no.: 25 2652 82 00 00).

** Also available as a petrol version



TECHNICAL DATA

Version		Hydronic M8 Biodiesel*	Hydronic M10	Hydronic M12	Hydronic L16	Hydronic L24/L30/L35
Voltage	V	12 / 24	12 / 24	12 / 24	24	24
Heating performance	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
Power consumption, heater	W	6 / 10 / 17 / 26	6 / 10 / 31 / 57	5 / 6 / 10 / 17 / 57 / 103	60	80 / 105 / 120
Power consumption, water pump	W	29	29	29	104 – 210**	104 – 210**
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

** depending on the water pump model

More information about our special marine kits for air heaters is available from your Eberspächer service partner.

EBERSPÄCHER HYDRONIC ACCESSORIES



// 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 a heating performance from 2 to 10 kW for 12- or 24-V applications (see p. 15 for details).

EBERSPÄCHER AIRTRONIC ACCESSORY DETAILS



// THE ATTRACTIVE RANGE OF AIR VENTS

Particularly colorfast and durable even at high temperatures, the covers of our completely redesigned 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
- Fittings available with 50, 60, 75 and 90 mm diameters



// 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 reduce the flow cross section as needed and thereby decrease the emerging air flow. Available for fitting diameters 60, 75 and 90 mm.



// COMPRESSOR REFRIGERATED CONTAINERS FOR WHEN YOU'RE ON THE GO

Our mobile compressor refrigerated containers are the ideal solution for boats without existing refrigerators, or they serve as an excellent addition to boats with refrigerators. They keep drinks cold and food fresh even in particularly warm vacation destinations – however long your trip is. Eberspächer refrigerated containers, available in a variety of sizes, differ greatly from commercially available picnic coolers. Even deep freezing down to -18°C is possible! Nevertheless, our refrigerated containers are easy to carry and, thanks to the practical hinged lid, easy to load and unload. They operate economically and very quietly. The portable models can therefore be operated in various vehicles without difficulty – even in your passenger car.

EBERSPÄCHER HYDRONIC ACCESSORY DETAILS



// HELIOS 2000 PREMIUM

- Heating performance (max.): 2,000 watts
- Very quiet
- Lower current consumption
- Simple installation with the outlet on the left or right
- Switch with three settings
- Durable motor

Available in a range of colored covers: white, black, gray (standard: gray).

// HELIOS 4000

- Heating performance (max.): 4,000 watts
- Quiet
- Lower current consumption

// XEROS 4000

- Heating performance (max.): 4,200 watts
- Low weight
- Available in marine version with stainless-steel air distributors
- Three possible connection diameters

// CONVECTORS – CLASS UPGRADE FOR EXTRA HEAT

Thermal energy from Hydronic water heaters can be distributed in various ways. Fan convectors are the quickest way of spreading heat, allowing the flow of hot air to be directed.

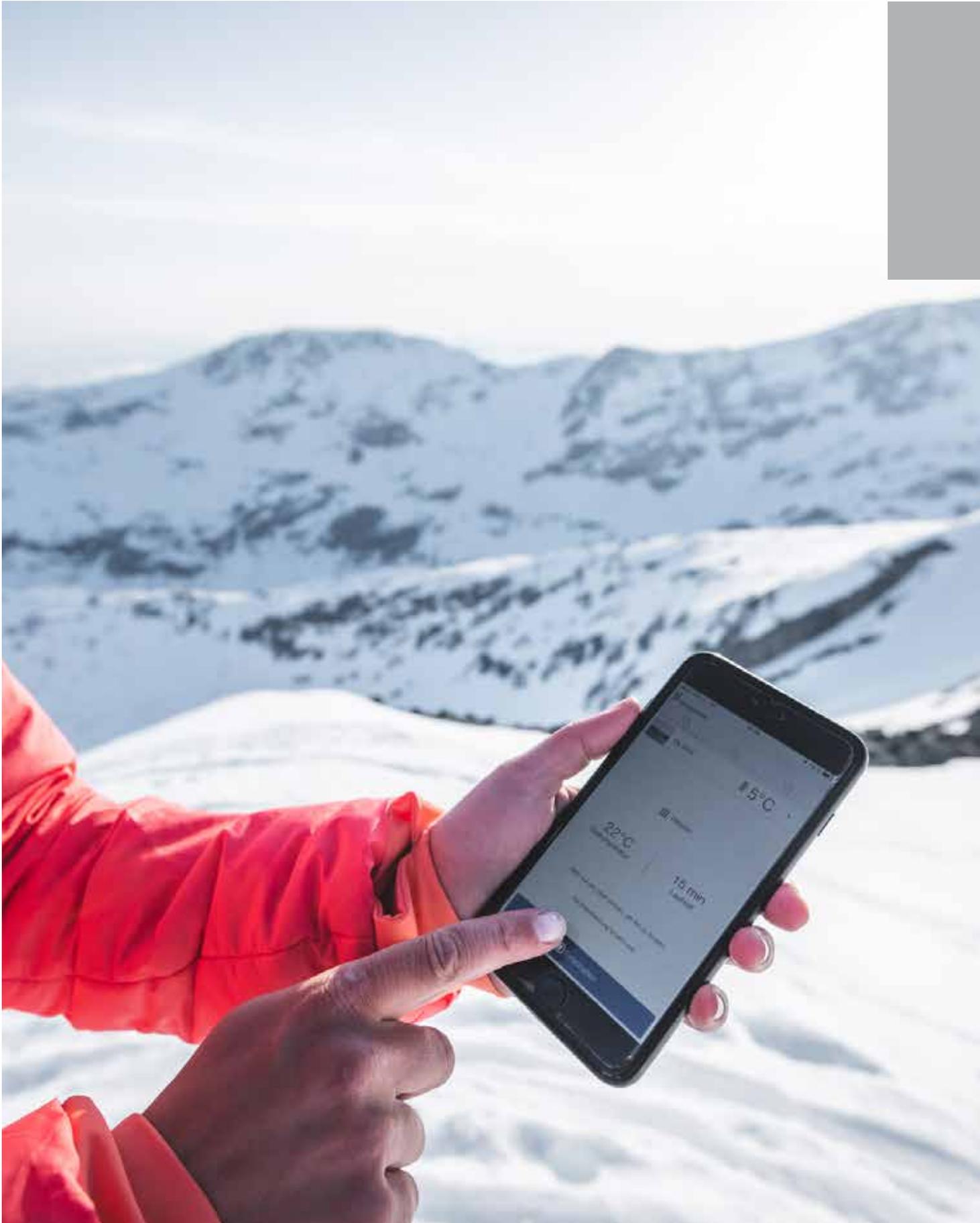
// ZENITH 8000 – MARINE VERSION

- Heating performance (max.): 8,000 watts
- Available in the versions: Standard (4,000 h) and Long Life (8,000 h to 10,000 h)
- Compact and powerful
- Distribution through hoses also possible
- Covers fitted with clips

// ARKTIK

- Heating performance (max.): 10,000 watts
- Stainless steel
- Extremely robust
- Very powerful

Please refer to our convectors brochure for detailed information and technical data for the models.



CONTROL UNITS FOR AIRTRONIC AND HYDRONIC



We have completely redeveloped our EasyStart family so that you can quickly and conveniently enjoy all the comforts of an Eberspächer boat 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 units. Thanks to their intuitive design, attractive look, and high-quality workmanship they are one of a kind. With EasyStart Web you can also control your pre-heater conveniently by smartphone. The new EasyStart family – the latest in pre-heater operation.



// EASYSTART PRO

The new EasyStart Pro control unit sets the new benchmark for our line of control units. As well as a timer function that allows up to three programming locations to be set, the new EasyStart Pro comes with numerous practical features:

- Permanently installed control unit with integrated temperature sensor
- Operates up to two heaters separately or two identical heaters (Airtronic or Hydronic) simultaneously
- Simple plain text diagnostics for users
- Endless heater operating time can be set (Airtronic and Hydronic)



// EASYSTART WEB*

With the new EasyStart Web you can start your pre-heater anytime and anywhere, regardless of where you are or where your vehicle is parked. The web-based remote control system uses a web server that receives the commands you enter from the smartphone app or web browser and sends them in data form to the recipient via all the available mobile phone networks. It couldn't be easier to use, and the range is unlimited.

- Always uses the cell phone network with the best signal
- No need to insert or replace a SIM card
- Book a 12-month flat rate at low cost and at your convenience
- Roaming function enables use in other countries without additional costs
- Displays the current status (e.g. operating mode, interior temperature, timer)
- **NEW:** Smartwatch compatible



**TEST IT
NOW!**

Can be controlled
by smartphone and
smartwatch

* Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Great Britain and Northern Ireland, Italy, Latvia, Lithuania, Netherlands, Norway, Poland, Romania, Russia, Sweden, Switzerland, Turkey, Ukraine and Belarus.

TROMSØ



OPPOSITES ATTRACT: SAIL & SUMMIT WITH LOTTA AND FELIX WIEMERS.



What happens when a professional sailor and one of the world's best freeskiers fall head over heels in love? Lotta and Felix Wiemers are proof that opposites really do attract. Sailing and skiing are two sporting extremes – but that doesn't hold Lotta and Felix back. Their Sail & Summit program in Norway combines two of the most exhilarating sports into one thrilling adventure. The focal point of Sail & Summit is their 13.5-meter long yacht named Vilma, registered to the port of Tromsø in northern Norway. That's where the Wiemers start out on their tour through the Lofoten archipelago to seek out the most remote mountains to ski down, taking up to six travelers with them on each trip. Thanks to an Eberspächer pre-heater, the boat is always ready to welcome them back into the toasty warmth after an action-packed day on the slopes.

Lotta and Felix, when does Sail & Summit take place?

We keep to a fairly short window each year. Our tours last a week and run from mid-March to mid-May. Anyone wanting to take part should have a good level of fitness and be a confident skier, but sailing experience isn't necessary – Vilma will be under Lotta's expert command.

***“At the end of a ski tour
we can come back and
enjoy a sundowner in the warm and dry –
all thanks to Eberspächer.”***

What type of boat do you have?

Vilma is an Elan 43.1 yacht. At 13.5 meters long and 4 meters wide, she can easily accommodate up to eight people, including us. Not forgetting the equipment, gear, food and the drinks for our famous après-ski beer at sunset! Our **Airtronic** air heater ensures that Vilma is always a cozy and inviting retreat.

Why did you choose Eberspächer?

We make no compromises when it comes to our equipment – we want to be safe in the knowledge that we have the highest-quality and most reliable products possible. That goes for everything on the boat, too. Eberspächer's **Airtronic M2 Recreational** is ideal for boats with several cabins and berths because of its long air ducts. It's installed in the engine bay and the warm air is conveyed via ducts to the individual rooms. We can control the temperature in

each cabin and berth by opening or closing the individual vents as needed. This means we can heat just the cabins during the day and the berths at night. But that's not all: the heater also keeps damp and condensation at bay and helps to dry clothes quickly.

Any tips for installation?

When installing the heater, make sure that the **metering pump is positioned at the correct inclination angle** and is located closer to the tank than to the heater. This is crucial for ensuring an optimal fuel supply to the heater. The inclination angle should also be checked on long journeys, as this is frequently the cause of problems that can be easily remedied.



THE COMPREHENSIVE EBERSPÄCHER PRODUCT RANGE ALSO INCLUDES HEATING SYSTEMS FOR PASSENGER CARS, BUSES AND MOTOR HOMES.

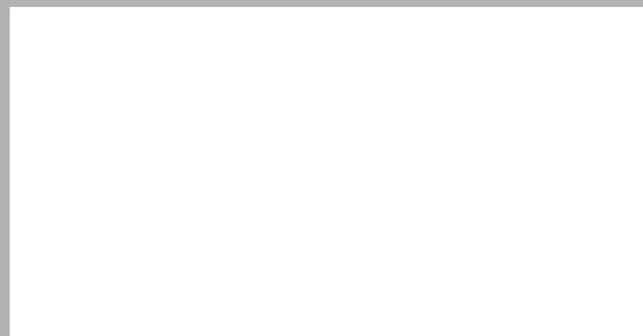
MORE INFORMATION IS AVAILABLE FROM ANY OF OUR 5,000 SERVICE PARTNERS WORLDWIDE.

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