

# WARM AND COSY – AT SEA, IN ANY WEATHER







## NO MORE SHIVERING IN THE CABIN – THANKS TO EBERSPÄCHER

"There is nothing more contrary than the ocean" – so goes an "old sea" proverb. It's no wonder, then, that conditions on board constantly shift about quite a bit, too: one minute brilliant sunshine – the next, a raw, whipping wind, driving rain and bitter cold. And you're in the middle of it. For the passionate skipper, though, 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 in your cabin. You decide exactly how warm you want it – and your Eberspächer diesel fired heater will quickly and very quietly provide you with reliable heat for that wonderful sense of well-being. Anyone with an Eberspächer diesel fired 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 wash 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 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 a leading original equipment manufacturer in boats today, and for many types of boat you can order your Eberspächer directly from the boatyard. We have established a closely integrated global partner network to ensure professional retrofitting. Just consult our list of service stations 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 m<sup>3</sup> 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 m<sup>3</sup>. 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 for your Eberspächer marine heaters catalogue.





**AN EXAMPLE OF AN INSTALLATION:**

In this example, the Airtronic is installed in the port locker. The fresh air is drawn in from the cockpit, the hot air inlet is located next to the hatchway, and the exhaust pipe exits above the waterline in the stern.



## HYDRONIC

### EBERSPÄCHER WATER HEATERS – THE RIGHT HEAT WHERE YOU WANT IT

Cosy warm rooms and hot water, on tap: 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 domestic water is guaranteed to be at just the right temperature. In short: you've got advantages all round when you fit an Eberspächer Hydronic.

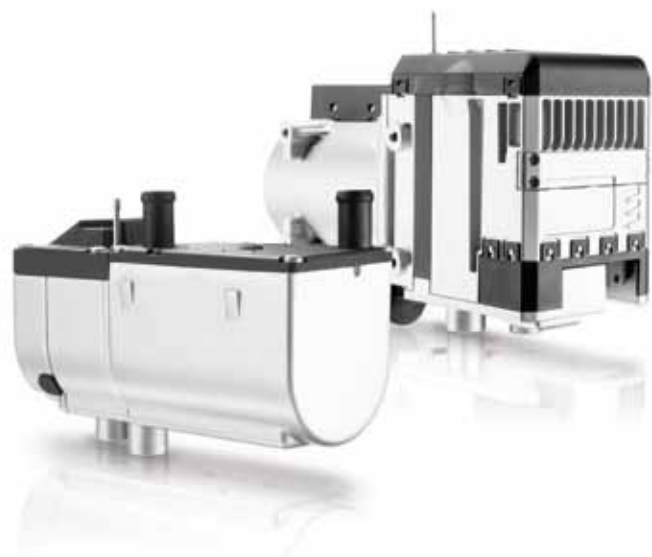
The following principle applies to all Eberspächer water heaters: The right system for every type of boat – at just the right size and with optimal output values. This means Eberspächer has heaters from 2,400 to 35,000 watts of heat output for boats up to 100-feet long. Choose the heater that's right for you – and let an experienced Eberspächer specialist install it for you.

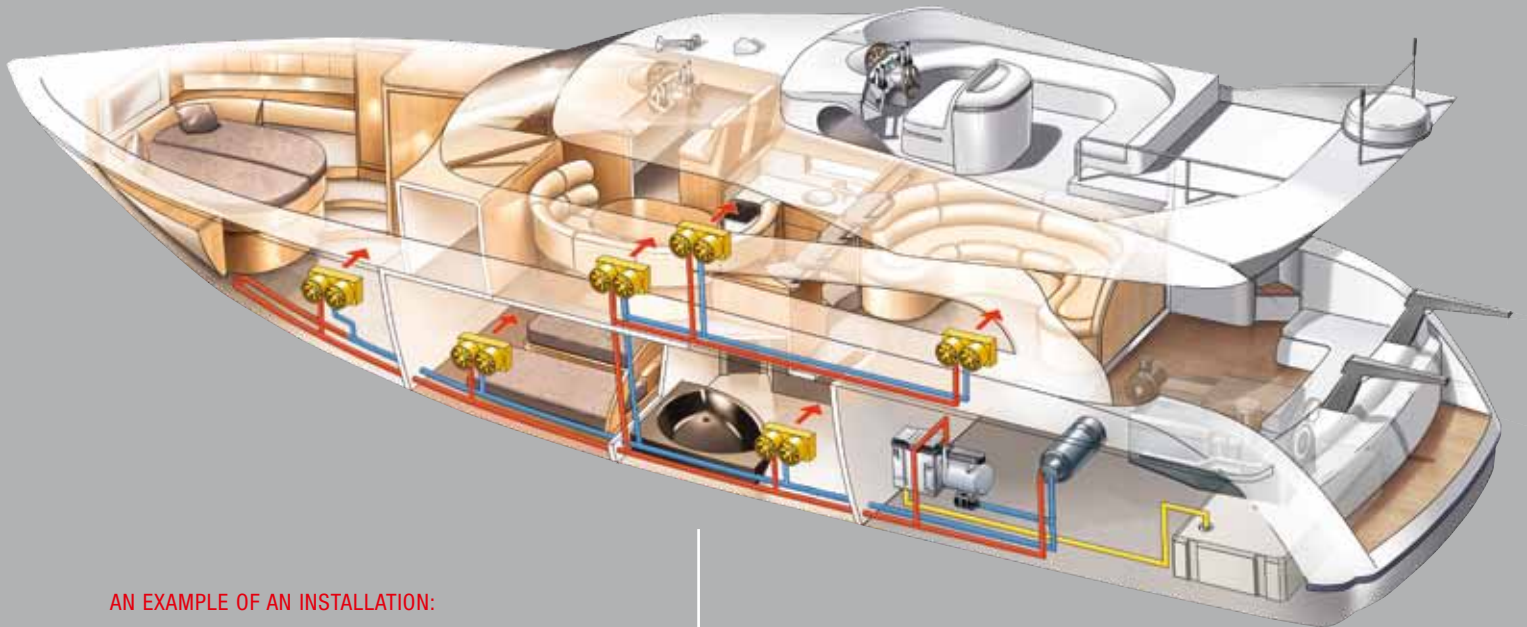
#### YOUR HYDRONIC ADVANTAGES:

- 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 preheated.
- 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 nearly silent heaters are available with heat outputs of 2 to 10 kW for 12 or 24 volt applications.





**AN EXAMPLE OF AN INSTALLATION:**  
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/<br>1,800/2,200   | 900/2,000/<br>3,000/4,000  | 1,600/2,700/<br>4,800/5,500   | 3,500/8,000     |
| Air Flow Volume              | m <sup>3</sup> /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/<br>0.23/0.28   | 0.11/0.25/<br>0.38/0.51  | 0.20/0.34/<br>0.58/0.66   | 0.4/1.05        |
| Dimensions LxWxH             | 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      | Sailing boat |    | Motor boat |    | Sailing boat |    | Motor boat |    | Sailing boat |    | Motor boat |    | Sailing boat |    | Motor boat |    | Sailing boat |  |
| Airtronic D4 Plus | Sailing boat |    | Motor boat |    | Sailing boat |    | Motor boat |    | Sailing boat |    | Motor boat |    | Sailing boat |    | Motor boat |    | Sailing boat |  |
| Airtronic D5      | Sailing boat |    | Motor boat |    | Sailing boat |    | Motor boat |    | Sailing boat |    | Motor boat |    | Sailing boat |    | Motor boat |    | Sailing boat |  |
| D8 LC             | Sailing boat |    | Motor boat |    | Sailing boat |    | Motor boat |    | Sailing boat |    | Motor boat |    | Sailing boat |    | Motor boat |    | Sailing boat |  |

■ 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 /<br>8,000 / 9,500 | 1,200 / 1,500 /<br>3,500 / 5,000<br>9,500 / 12,000 | 16,000          | 24,000          | 30,000          | 35,000          |
| Electrical Power Consumption | Watt | 10 / 35        | 10 / 37        | 35 / 39 /<br>60 / 86             | 34 / 35 / 39 /<br>46 / 86 / 132                    | 60              | 80              | 105             | 120             |
| Fuel Consumption             | l/h  | 0.27 / 0.53    | 0.27 / 0.62    | 0.18 / 0.40 /<br>0.90 / 1.20     | 0.15 / 0.18 /<br>0.40 / 0.65 /<br>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               | Sailing boat |    |    |    | Motor boat   |    |              |    | Narrow boat |    |              |    |    |    |              |    |             |  |            |  |  |  |
| Hydronic 5               | Sailing boat |    |    |    |              |    |              |    | Motor boat  |    |              |    |    |    |              |    | Narrow boat |  |            |  |  |  |
| Hydronic M10             |              |    |    |    | Sailing boat |    |              |    | Motor boat  |    |              |    |    |    |              |    |             |  |            |  |  |  |
| Hydronic M12             |              |    |    |    |              |    | Sailing boat |    |             |    | Motor boat   |    |    |    |              |    |             |  |            |  |  |  |
| Hydronic L16             |              |    |    |    |              |    |              |    |             |    | Sailing boat |    |    |    | Motor boat   |    |             |  |            |  |  |  |
| Hydronic L24 / L30 / L35 |              |    |    |    |              |    |              |    |             |    |              |    |    |    | Sailing boat |    |             |  | Motor boat |  |  |  |

- Sailing boat
- Motor boat
- Narrow boat

## ACCESSORIES

### CONTROL ELEMENTS

Whether you choose a modulator, timer, telephone operation or user-friendly remote control: At Eberspächer, you'll be sure to find a solution just right for you. Choose your favourite and enjoy total comfort – even down to the illuminated display, menu guidance and large keys and buttons. Furthermore, you can also conveniently operate your heater by mobile phone or land-line phone if it features tone dialling.





| <b>CONTROLS</b>   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
|   |  |  |  |  |    |                                    |
| Model   | Room-temperature Sensor   | Mini-Controller   | 701 Series Programmer   | 801 Series Modulator  | Timer EasyStart T   | Calltronic Telephone Remote Control   |
| Heater Model  | Airtronic   | Airtronic   | Airtronic / Hydronic  | Airtronic   | Airtronic / Hydronic  | Airtronic / Hydronic  |
| Description   |   | Controls room temperature.<br><br>With integrated heating / ventilation switch.   | Controls room temperature.<br><br>With integrated heating / ventilation option.   | Controls room temperature.<br><br>With integrated heating / ventilation option.   | For installation in vehicle interior.<br><br>Innovative, intuitive user guidance via a menu bar.                                  | GSM module with voice chip.<br><br>The pre-heater can be operated by mobile phone or land-line phone (tone dialling). |
| Pre-Selection   |   | No  | Yes   | No  | Memory for 3 pre-select times within 7 days   | No  |
| Automatic Calculation of Heating Time in Pre-Select Operation |   | No  | No  | No  | Optional  | No  |
| Immediate Start-up Mode                                       |   | No  | Adjustable from 10 minutes to 8 hours   | No  | Can be set for 10 - 120 minutes   | Can be set for 10 - 120 minutes   |
| Pre-Ventilation   |   | Yes   | Yes   | Yes   | Optional *  | Yes   |
| Temperature Display   |   | No  | By lamp indicator   | Yes   | Optional  | No  |
| Feedback  |   | No  | No  | No  | Heater status   | Input confirmation  |
| Range   |   | N/A   | N/A   | N/A   | —   | Depends on network coverage   |
| Display   |   | Two colour LEDs   | LCD screen  | LCD screen<br>Two colour LEDs   | LED displays, e.g. for time, heating time, temperature in the cabin interior. Lighting integrated with the boat lighting circuit. | No  |

\* Heating / ventilation switcher required.

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**

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