

EBERSPÄCHER UK | VEHICLE HEATING | MOTORHOMES

ENJOY MOBILITY YEAR ROUND

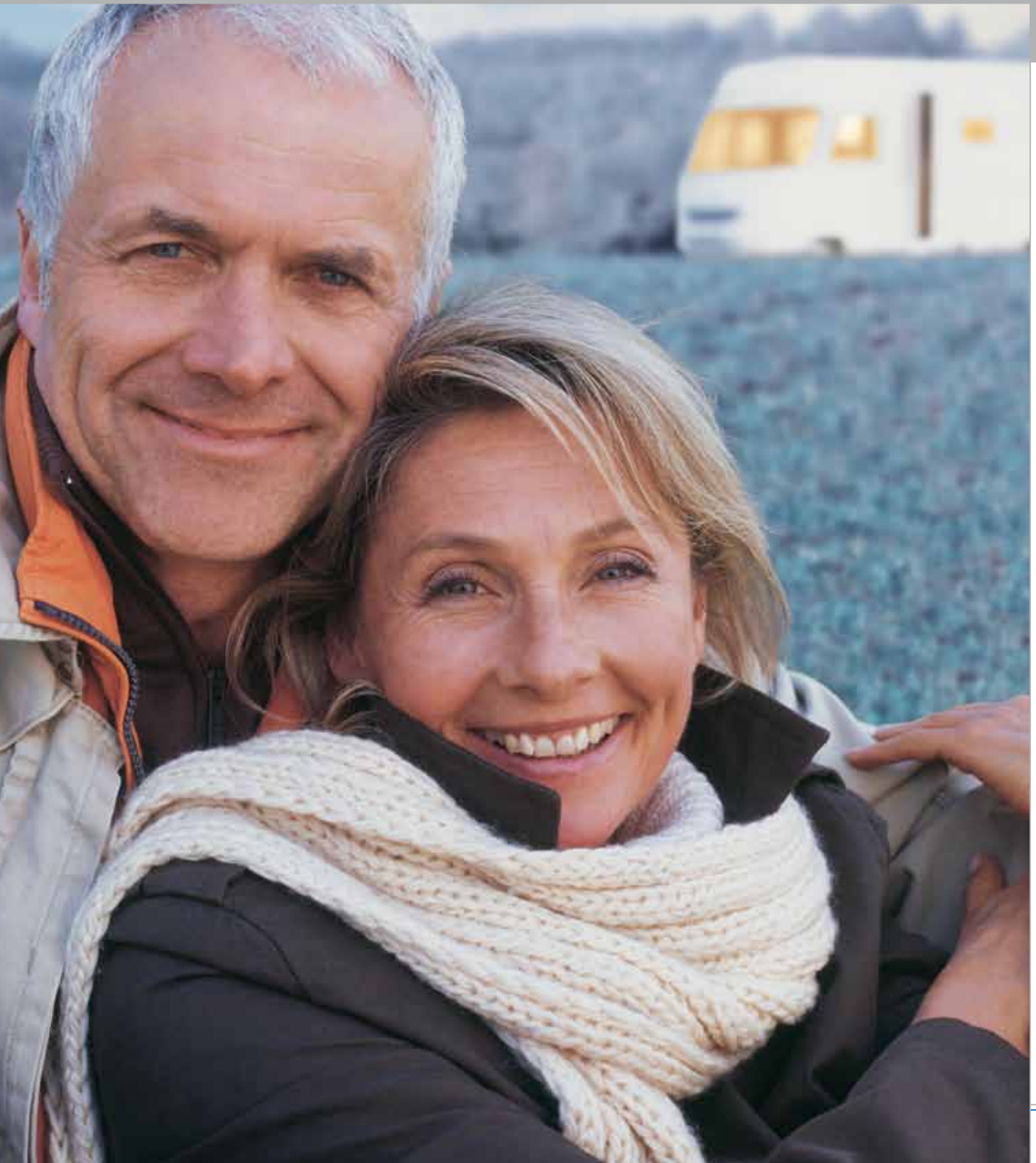


VEHICLE HEATING



A WORLD OF COMFORT







## HEAT IS FREEDOM – HEAT IS EBERSPÄCHER

Being on the road in your motor home means enjoying nature and freedom. Driving wherever you want. Staying wherever you want. Hitting the road whenever you want. It's obvious that you don't like the weather and season "dictating" your itinerary. With an Eberspächer diesel fuelled heater, you can satisfy your wanderlust 12 months of the year. State-of-the-art technology ensures particularly efficient, quiet and low-emission operation.

An Eberspächer heater is guaranteed to keep your "four walls on wheels" at a comfortable temperature. After exciting excursions during the day, you'll experience absolute relaxation in the evening plus peaceful nights filled with warmth for the whole family. And mobile home drivers know how valuable an intact environment is. That is why we have worked hard over the last few years to make our heaters particularly efficient. While automobile manufacturers are significantly reducing fuel consumption and exhaust emissions through new motors, lightweight construction, and the introduction of diesel particulate filters, our heaters use state-of-the-art technology, such as our special **oxidation catalyst**, to ensure quiet and low-emission operation. This makes nature and your camping neighbours happy and puts stories of smokey or otherwise annoying heaters to rest once and for all.

Robust design, high-performance, sophisticated technology: Eberspächer diesel fuelled heaters "made in Germany" have made a name for themselves around the world. To ensure that our solutions match your requirements perfectly, we are working closely with numerous major vacation vehicle manufacturers in product development.

Go ahead and take this step toward total independence on the road: Eberspächer diesel fuelled heaters are available as complementary systems for your existing heating system and as powerful "stand-alone" solutions.

You can choose from two different heating systems, both of which also help save gas, since they directly run off of your vehicle's main fuel tank:

- Air heating – Eberspächer Airtronic
- Water heating – Eberspächer Hydronic

The Airtronic models quickly ensure a pleasantly warm vehicle interior, while the Hydronic not only heats the vehicle, but also your water in the kitchen or shower – it's always the temperature you want, thanks to an Eberspächer water heater.





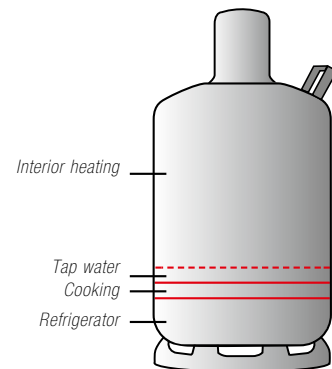
## HEATING WITH DIESEL – GAS FOR THE STOVE AND REFRIGERATOR

Does this seem familiar? You heat with gas and your gas bottle is empty in a relatively short time. Eberspächer heating puts an end to this problem because it meets your energy requirements directly (and extraordinarily economically) from your vehicle's fuel tank, so you need gas only for cooking and to operate the refrigerator.



### BENEFITS FOR YOU:

- Smaller gas bottles.
- Fewer bottle changes.
- Reduced weight.
- More storage space.



*Example of gas consumption during winter camping:*

### BENEFITS THAT HELP YOU ON YOUR WAY:

- The heater is supplied with fuel from your vehicle's fuel tank – you don't have to worry about gas bottles and connections when travelling abroad.
- Eberspächer heaters feature low fuel and electricity consumption.
- Heating is easy to operate using pre-programming, a remote control, or your mobile phone.
- Eberspächer diesel fuelled heaters are now even quieter.
- The heater is installed inside the motorhome – it is also possible to mount it below the floor or in the engine compartment to save space.
- This kind of heating is permitted worldwide, while driving, without any additional components.
- The heater's design is particularly easy to service and maintain.



## EBERSPÄCHER – ALWAYS THE RIGHT ANSWER

This is where you can find the answers to a number of important questions on the topic of Eberspächer diesel fuelled heaters. Would you like more details? Simply consult one of our numerous dealers.

### HOW WELL ARE DIESEL FUELLED HEATERS ACCEPTED AT CAMPING SITES?

The latest generation of diesel fuelled heaters is odorless, quiet and is no longer a problem on camping sites.

### CAN I INSTALL THE EBERSPÄCHER DIESEL FUELLED HEATER MYSELF?

Your heating equipment can only be installed by an authorised Eberspächer dealer who complies with the applicable regulations. This forms the basis for any warranty and liability claims.

### HOW MUCH SPACE DOES AN EBERSPÄCHER DIESEL FUELLED HEATER TAKE UP?

All Airtronic and Hydronic models are so compact that underfloor installation presents no problem. It also comes with an optional protective case.

### HOW MUCH FUEL DOES THE HEATER USE?

Depending on the heat setting, an Airtronic D4 uses between 0.11 and 0.51 litres of diesel fuel per hour, a Hydronic 5 between 0.27 and 0.62 litres. The smaller versions use even less.

### CAN I TRANSFER MY EBERSPÄCHER DIESEL FUELLED HEATER TO ANOTHER VEHICLE?

Yes – if the new vehicle uses the same type of fuel and if the voltage of the heater is the same voltage as the vehicle.

### CAN I USE THE HEATER WHILE I AM DRIVING?

Yes – Eberspächer diesel fuelled heaters operate so safely that heating is permitted worldwide while driving. You do not need any additional components.

### DOES AN EBERSPÄCHER DIESEL FUELLED HEATER REQUIRE SPECIAL SERVICE?

No – the equipment is maintenance-free after installation. However, it should be turned on briefly every month for about 10 minutes.

### ARE THERE AFTERMARKET KITS TO INSTALL AIR AND WATER HEATERS?

Yes – Eberspächer offers aftermarket kits for all vehicles – easy to install without taking up much space. These aftermarket solutions complement your existing heating system and provide fast heat for the front area or the interior.

### CAN EBERSPÄCHER HEATERS BE OPERATED WITH BIODIESEL?

Eberspächer diesel fuelled heaters can be operated with the legally permissible biodiesel content in the fuel without difficulty; the Hydronic M8 and Airtronic D4 / D4 Plus can even be operated with 100% biodiesel.



## AIRTRONIC

### EBERSPÄCHER AIR HEATERS – INSTANT HEAT

You just want to heat the vehicle interior and it has to be fast? Then an Eberspächer Airtronic air heater is the perfect solution for you. Your motorhome will reach the desired temperature in the shortest possible time: interior air is drawn in, heated and then blown back into the interior. As the heating is exceptionally economical, long operating times are not a problem, and you can precisely control the temperature yourself – how warm it should be during the day and night.

You will find the right solution for a wide selection of vehicles in the Eberspächer product range (see Page 10). For a small van or a high-end luxury motorhome, an Eberspächer Airtronic is always right! Every Airtronic is equipped with electronic speed control with “soft” adaptation, so it operates at low noise levels and saves energy. A microprocessor provides complete electronic system control. Heating functions are monitored continuously. A diagnostic system makes maintenance easy. Your dealer will be happy to give you an individual estimate for aftermarket installation or if you are planning to purchase a new vehicle, have your Eberspächer installed at the factory!

#### YOUR AIRTRONIC ADVANTAGES:

- Fast interior air heating with high performance power setting for especially short heating times.
- Stops condensation from forming on the windscreen.
- Automatic continuous interior temperature control with temperature pre-selection.
- With the lowest setting on the market (850 – 900 W), it is extremely quiet.
- Quiet night operation.
- Low fuel and electricity consumption – ideal when long periods of use are required.
- Compact devices that save space and are easy to install.
- Underfloor installation available upon request, including a protective case.





#### RETROFIT / UPGRADE:

Airtronic Air Heating provides quick heat for the front area, or the cab and due to its compact construction, is easy to retrofit while saving space. It also:

- Supplements your existing heating system.
- Balances the heat deficit in the front area.
- Allows you to start up with clear windows.
- Is very economical – suitable for long operating times.



## HYDRONIC

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

A warm living room, a warm driver's cab, a warm engine and ... hot water. Our multi-talented Eberspächer Hydronic heater gives you all this. You don't just enjoy the benefits of a perfectly heated vehicle. Your water, in the kitchen or in the shower, is always at the temperature you want, thanks to an Eberspächer water heater. One more advantage: no matter how frosty the nights are, there's no more early morning condensation on the windscreen. The engine can be pre-heated at the same time – eliminating the wear and tear of cold starts.

The Eberspächer Hydronic water heater is a genuine all-star. Naturally, it provides comfortable interior temperatures quickly and without fuss. Yet it can do much more than that. With an Eberspächer Hydronic, you are also heating your water – whether for washing up in the kitchen or for a long, hot shower following a hike in the snow. And if you want to “break camp” after a frosty night and continue your trip, Hydronic clears your window of ice and pre-heats the engine for a start that is economical and easy on the engine.

Look forward to increased comfort, greater safety and a boost in economy. With the Hydronic, you can select the optimal solution for your vehicle from a range of products matched to your requirements (see Page 11).

#### YOUR HYDRONIC ADVANTAGES:

- Pleasant, comfortable warm interior.
- Hot water available at all times.
- Stops condensation from forming on the windscreen.
- No more struggling to clean the window across the dashboard.
- Less engine wear and reduced fuel consumption thanks to a warm start.
- Space-saving underfloor installation – more storage space for other important things.
- Integrated into the vehicle's own cooling circuit.







#### RETROFIT / UPGRADE:

Easy aftermarket installation of the Hydronic water heater is possible in the engine compartment. The heat is evenly distributed through the vehicle's own air ducts, additional radiators or blowers.

- Supplements your existing heating system.
- Warm front area plus warm engine.
- Allows you to start up with clear windows.
- Economical technology, quiet operation.



## TECHNICAL DATA

### THE RIGHT HEATING FOR EVERY NEED



#### EBERSPÄCHER AIRTRONIC



Diesel Version		Airtronic D2				Airtronic D4				Airtronic D4 Plus			
Voltage	Volt	12 / 24				12 / 24				12 / 24			
Controls		Low	Medium	High	Power	Low	Medium	High	Power	Low	Medium	High	Power
Heat Output	Watt	850	1,200	1,800	2,200	900	2,000	3,000	4,000	900	2,000	3,000	4,000
Air Flow Volume	m <sup>3</sup> /h	40	60	90	105	60	110	150	185	55	100	140	175
Electrical Power Consumption	Watt	8	12	22	34	7	13	24	40	7	16	30	55
Fuel Consumption	l/h	0.10	0.15	0.23	0.28	0.11	0.25	0.38	0.51	0.11	0.25	0.38	0.51
Dimensions L x W x H	mm	310 x 115 x 122				371 x 140 x 150				371 x 140 x 150			
Weight	kg	2.7				4.5				4.5			

#### EBERSPÄCHER AIRTRONIC – SELECTION GUIDE

Vehicle Type	Camper Vans		Alcove / Cab-Over			Semi-Integrated / Coachbuilt			Integrated / A-Class			Luxury Vehicles > 7.5 t
Lengths	Compact	Large	6 m	7 m	8 m	6 m	7 m	8 m	6.5 m	7.5 m	8.5 m	> 8 m
Airtronic D2	■ ■	■	■	■	■	■	■	■	■	■	■	■
Airtronic D4 / D4 Plus		■	■	■	■	■	■	■	■	■	■	■

- Can be used as primary heating unit.
- Can be used as supplementary heating with existing heating system.



EBERSPÄCHER HYDRONIC						
		Hydronic D4W SC	Hydronic D5W SC	Hydronic M8*	Hydronic M10	Hydronic M12
Diesel Version						
Voltage	Volt	12	12	12 / 24	12 / 24	12 / 24
Heat Output	Watt	2,400 / 4,300	2,400 / 5,000	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
Electrical Power Consumption	Watt	23 / 48	23 / 50	35 / 39 / 46 / 55	35 / 39 / 60 / 86	34 / 35 / 39 / 46 / 86 / 132
Fuel Consumption	l / h	0.27 / 0.53	0.27 / 0.62	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
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	331 x 138 x 174
Weight	kg	2.9	2.9	6.2	6.2	6.2

\* 100% biodiesel compatible

### EBERSPÄCHER HYDRONIC – SELECTION GUIDE

Vehicle Type	Camper Vans		Alcove / Cab-Over			Semi-Integrated / Coachbuilt			Integrated / A-Class			Luxury Vehicles > 7,5 t
	Compact	Large	6 m	7 m	8 m	6 m	7 m	8 m	6.5 m	7.5 m	8.5 m	
Hydronic 4	■	■	■	■		■	■		■	■		
Hydronic 5		■	■	■	■	■	■	■	■	■	■	■
Hydronic M							■	■	■	■	■	■

- Can be used as primary heating unit with engine heating option.
- Can be used as supplementary heating with existing heating system with engine heating option.



## ACCESSORIES

### CONTROL ELEMENTS

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.

Both the App Store for the iPhone as well as GOOGLE PLAY for Android smartphones offer an app-search function. Simply enter “Eberspächer” as the search term. The search will return our app, designated by the blue “E” logo. Simply download and configure the app. For details on startup, please refer to the app instructions available separately.





CONTROLS						
Model	Mini-Controller	EasyStart Select	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	Controls room temperature  With integrated heating / ventilation option	For installation in vehicle 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	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	No	Optional	Manual
Immediate Start-up with Timed Duration	No	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*	Yes*
Temperature Display	No	Yes	By ramp indicator	Yes	Optional	Interior temperature request
Diagnostics	No	Yes	Yes	Yes	Yes	Heater status request and timer feedback
Range	—	—	—	—	—	Unlimited (requires network reception at vehicle location)
Display	Two colour LEDs	LCD screen	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.



## ACCESSORIES

### FROM HOT TO COLD – THE RIGHT TEMPERATURE AT ALL TIMES

You are already enjoying the comfort of an Eberspächer Hydronic and want to distribute the warmth from the water heater more precisely throughout the vehicle? Then the Eberspächer water / air heat exchangers are the perfect addition to the Eberspächer diesel fuelled heating system. With this solution, the heat reaches even the farthest corners of your vehicle in no time.

Give yourself this additional comfort. Your dealer will be happy to provide you with all the details and guarantees professional installation of Eberspächer heat exchangers.

#### BENEFIT FROM THE CLEAR ADVANTAGES OF FULLY-DEVELOPED EBERSPÄCHER TECHNOLOGY:

- Fast heat, where you want it, while you are driving.
- Eberspächer heat exchangers are extremely quiet in operation.
- Heat output from 2 to 10 kW.
- Power consumption is extraordinarily low.

EBERSPÄCHER HEAT EXCHANGERS										
Model		Hélios 2kW		Xeros 4200		Compact Evo 3.5kW		Arctic 10kW		
Voltage	Volt	12/24	12/24	12/24	12/24	12/24	12/24	12/24	12/24	12/24
Regulating Levels		Low	High	Low	High	Low	High	Low	Medium	High
Heat Output	KiloWatt	1.5	2.0	3.0	4.2	0.9	3.5	5.0	7.0	10.0
Current Consumption	Amp	0.28/0.14	0.4/0.2	4/2	6/3	0.7/0.55	3.31/1.65	3.75/1.88	4.5/2.25	5.8/2.9
Dimensions LxWxH	mm	230 x 130 x 108		273 x 207 x 114		265 x 180 x 110		420 x 220 x 130		
Weight	kg	1.3		1.55		1.5		7.0		

In addition to these products, you can find plenty of other heat exchangers at Eberspächer – with different heat outputs and designs.



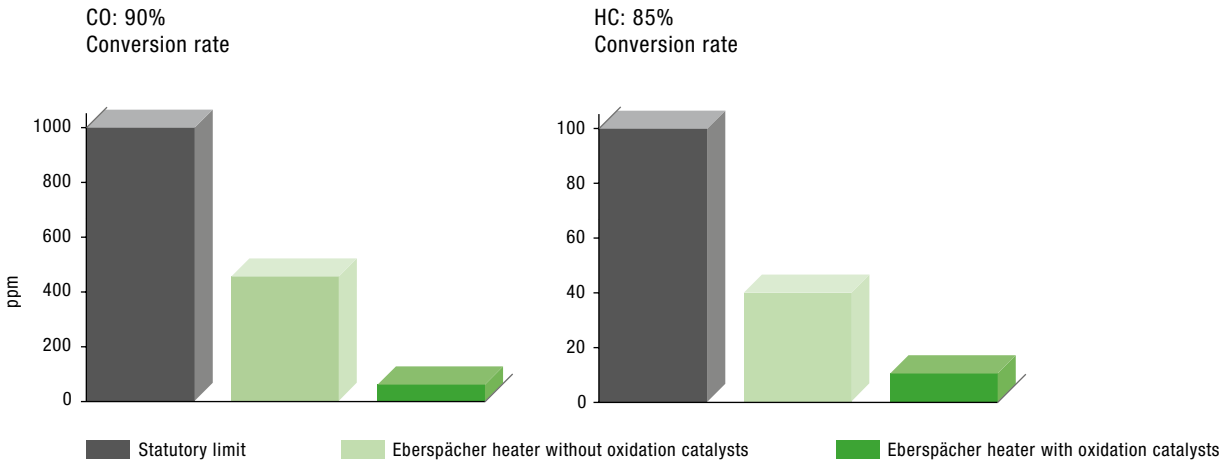
## OXIDATION CATALYTIC CONVERTER – HEATING IN AN EVEN MORE ENVIRONMENTALLY FRIENDLY WAY

What’s special about our current Airtronic heaters is the fact that you are totally unaware of just how comfortably and conveniently the heat is produced. The innovative technology in the diesel fuelled heaters ensures particularly efficient, quiet and low-emission operation.

As a leader in reducing emissions, we have developed an oxidation catalytic converter for use in motorhomes to specifically minimise exhaust gas odours and emissions of environmental pollutants.

**THE BENEFITS SPEAK FOR THEMSELVES:**

- The Eberspächer oxidation catalytic converter reduces emissions of the pollutants carbon monoxide and hydrocarbons far below the statutory limits.
- It has a particularly compact design and is easy to install into the exhaust system.
- Operation is completely maintenance free.



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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