

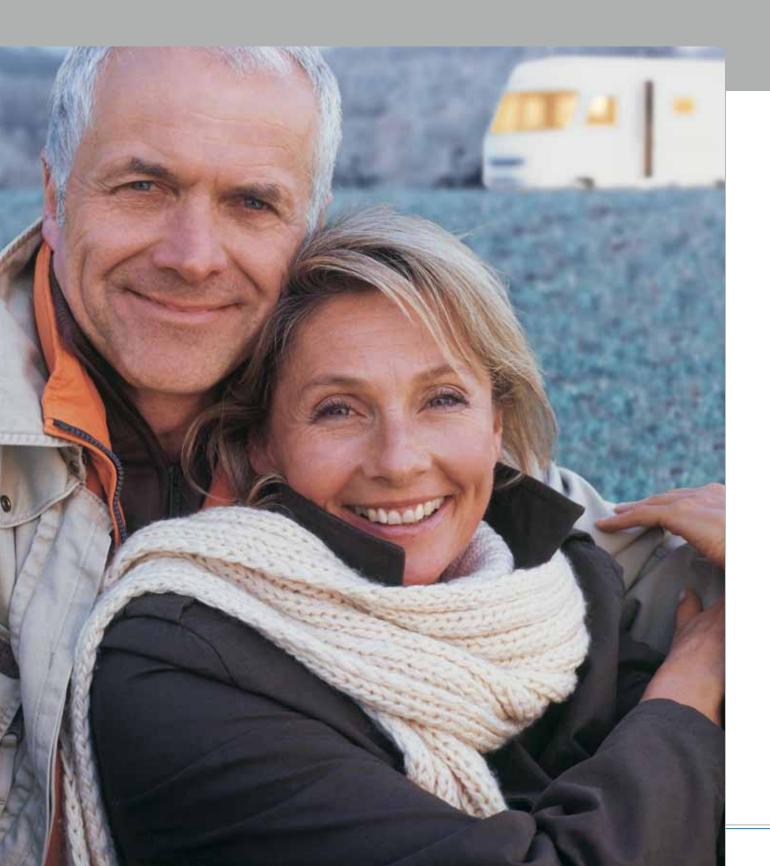
ENJOY MOBILITY YEAR ROUND













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-fueled pre-heater, you can satisfy your wanderlust 12 months of the year. State-of-the-art technology ensures particularly efficient as well as quiet and low-emission operation.

An Eberspächer pre-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 catalytic converter to ensure quiet and low-emission operation. This makes nature and your camping neighbors happy and puts stories of smoky or otherwise annoying heaters to rest once and for all.

Robust design, high-performance, sophisticated technology: Eberspächer fuel 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 fueled heaters are available as complementary systems for your existing heating system and as powerful "standalone" 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.

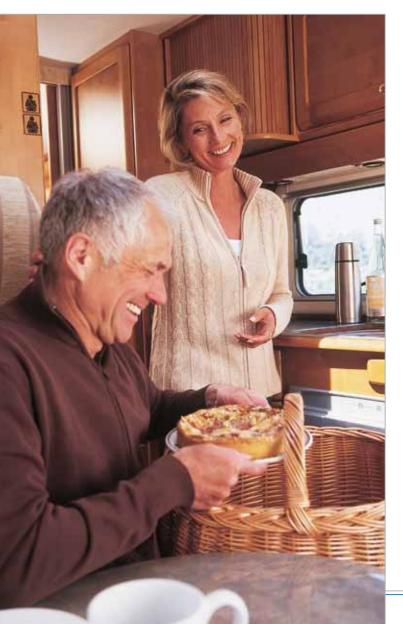






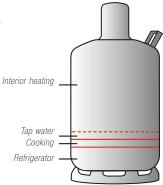
HEATING WITH DIESEL - GAS FOR THE STOVE AND REFRIGERATOR

Does this sound familiar? You heat with gas and your gas container is empty relatively quickly. 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 container 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 traveling abroad.
- Eberspächer heaters feature low fuel and electricity consumption.
- Heating is easy to operate using pre-programming, a remote control, or your cell phone.
- Eberspächer diesel-fueled heaters are now even quieter.
- The heater is installed in the motor home interior. Space-saving underfloor installation or in the engine compartment is also possible.
- Heating is permitted worldwide even while driving – without additional components.
- The heater's design is particularly easy to service and maintain.
- The lower gas consumption allows you to save on weight and space.



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-fueled heaters. Would you like more details? Simply contact one of our numerous dealers.

HOW WELL ARE DIESEL-FUELED HEATERS ACCEPTED AT CAMPING SITES?

The latest generation of diesel-fueled heaters is odorless and 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 authorized 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 liters of diesel fuel per hour, a Hydronic 2 between 0.26 and 0.64 liters. The smaller versions use even less.

CAN I TRANSFER MY EBERSPÄCHER DIESEL-FUELED HEATER TO ANOTHER VEHICLE?

Yes, if the new vehicle uses the same type of fuel.

CAN I USE THE HEATER WHILE I AM DRIVING?

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

DOES AN EBERSPÄCHER DIESEL-FUELED 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 Ducato, Sprinter, Master, and Trafic – they are 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-fueled heaters efficiently process fuel with legally permissible biodiesel content; the Hydronic M8 Biodiesel and Airtronic D3 / 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 motor home will reach the desired temperature in the shortest possible time: interior air is drawn in, heated, and then blown back into the interior. Because the heater is extraordinarily economical, long operating times are not a problem. 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 motor home, 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. Pick your favorite right away. Your body shop will be happy to give you an individual estimate for aftermarket installation.

YOUR AIRTRONIC ADVANTAGES:

- Fast interior air heating with high-performance power setting for especially short heating times
- Stops condensation from forming on the windshield
- Automatic continuous interior temperature control with temperature pre-selection
- With the lowest setting on the market (850-900 W), it's 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



THE NEW RANGE OF VENTS

When we talk about "four walls on wheels", it becomes quickly clear that motor home features and furnishing details are important. That is why we have completely redesigned our range of vents for air heaters and air-conditioning systems. The covers are available in black and white – and are impressive due to their streamlined and high-quality design. This allows them to be seamlessly integrated into all motor home interiors. An optimally coordinated, clear and user-friendly module system is available to you with various flow directions and innovative air quantity regulating elements.

The new vents are also impressive because they are easier than ever to install. A catch enables the hose to engage in the fitting; a hose clip is no longer needed. It is a simple matter to clip the cover onto the fitting.

THE BENEFITS AT A GLANCE:

- · Clear, simple system thanks to the modular concept
- Plug-in connections between the cover and fitting or fitting and air hose for easy assembly
- Hose fittings available in 50, 60, 75 and 90 mm
- Innovative air regulating elements for ideal distribution of warm air
- Modern, attractive, timeless design





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 drive off with clear windscreens
- Is very economical suitable for long operating times
- Operates economically and very quietly





HYDRONIC

EBERSPÄCHER WATER HEATERS - THE RIGHT HEAT WHERE YOU WANT IT

The advantage of Eberspächer water heaters is that they pre-heat both the vehicle interior and the engine. They are usually installed in the engine compartment and integrated into the cooling water circuit. Heat is drawn off from the vehicle's own convector. Finely dosed hot air is distributed throughout the vehicle via the existing air ducts. Our diverse and completely redesigned range of control elements rounds out your comfort.

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 your trip, Hydronic clears your windows of condensation and pre-heats the engine for a start that is economical and easy on the engine.



EBERSPÄCHER HYDRONIC:

- Two-fold benefits: pre-heated interior plus pre-heated engine; the engine start is more gentle on the engine, uses less fuel and is environmentally friendly
- Heat distribution via the vehicle's own air ducts
- Low fuel consumption
- · Noise-optimized and energy-saving
- Pleasant cab ventilation in the summer (Hydronic 4/5, optional)
- Fully-electronic function sequence control
- Constant function monitoring
- Safety and diagnostic system
- Maintenance-free
- All Eberspächer heater have ECE type-approval

SPECIAL PLUS POINTS OF HYDRONIC M:

- Service life twice as long (6,000 operating hours)
- Automatic altitude adjustment of the Hydronic M10/M12 up to 3,500 m

THE NEW HYDRONIC 2 COMFORT - ULTRA FAST PRE-HEATING

The new Hydronic 2 Comfort is the ideal water heater for heating up the front area. When used in the comfort circuit, its integrated thermostat valve ensures that, unlike other pre-heating models, only the vehicle interior is warmed up first before the engine cooling circuit is included. This means that the front area is heated up in no time at all.

The Hydronic 2 Comfort is absolutely ideal as a supplementary heater, as it can be easily integrated into the existing coolant circuit.

SPECIAL PLUS POINTS OF HYDRONIC 2 COMFORT:

- Heat in no time
- Particularly energy-saving due to the short lead time
- Easy and space-saving integration into the existing coolant circuit



REACHES A PLEASANT
TEMPERATURE FASTER AND
MORE ENERGY EFFICIENTLY!



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.

- Supplements your existing heating system
- Warm front area plus warm engine
- Drive off with clear windscreens
- Economical technology, quiet operation





TECHNICAL DATA

THE RIGHT HEATER FOR EVERY NEED

EBERSPÄCHER AIRTRONIC



Diesel version		Airtronic D2			Airtronic D3*			Airtronic D4*			Airtronic D4 Plus*						
Voltage	٧		12/24			12			12/24			12/24					
Control		low	medium	high	power	low	medium	high	power	low	medium	high	power	low	medium	high	power
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
Air flow volume	kg/h	40	60	90	105	60	90	120	150	60	110	150	185	55	100	140	175
Electrical power consumption	W	8	12	22	34	7	10	16	24	7	13	24	40	7	16	30	55
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
Dimensions LxWxH	mm	310 x 115 x 122			371 x 140 x 150			371 x 140 x 150			371 x 140 x 150						
Weight	kg		2.7			4.5			4.5			4.5					

 $^{^{\}star}$ 100% biodiesel compatible in accordance with FAME DIN EN 14214

EBERSPÄCHER AIRTRONIC – SELECTION GUIDE

Vehicle type	Camper vans Alcoves		Van/semi-integrated vehicles			Integrated vehicles			Luxury motor homes > 7.5 t			
Lengths	Compact	Large	6m	7m	8m	6m	7m	8m	6.5m	7.5m	8.5m	> 8.m
Airtronic D2	•		-						-	-	-	
Airtronic D3	•		•	•••		•	••	•	•		•	
Airtronic D4/D4 Plus		•	•	•	•	•			•	•	•	

- Can be used as primary heating unit
- $\hfill \blacksquare$ Can be used as supplementary heating with existing heating system
- Can be used for front heating





Diesel version		Hydronic 2	Hydronic 2 Economy					
Model		D4S	D5S	D5SC				
Voltage	٧	12	12	12				
Heat output	W	2,100/4,100/4,300	2,100/5,000/5,200	2,100/5,000/5,200				
Electrical power consumption	W	12/21/27	12/37/40	22/47/50				
Fuel consumption	l/h	0.26/0.5/0.52	0.26/0.61/0.64	0.26/0.61/0.64				
Dimensions LxWxH	mm	214 x 86 x 139	214 x 86 x 139	262 x 90 x 184				
Weight	kg	2.4	2.4	2.9				

^{* 20%} biodiesel compatible in accordance with FAME DIN EN 14214

 $^{^{\}star\star}\,\text{Special car development with approx.}\,60\%\,\text{shorter heating time, thereby also suitable for short-distance drivers}$



EBERSPÄCHER HYDRONIC

Diesel version		Hydronic M8 Biodiesel*	Hydronic M10	Hydronic M12
Voltage	V	12/24	12/24	12/24
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
Electrical power consumption	W	35/39/46/55	35/39/60/86	34/35/39/46/86/132
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
Dimensions LxWxH	mm	331 x 138 x 221	331 x 138 x 221	331 x 138 x 221
Weight	kg	6.2	6.2	6.2

^{* 100%} biodiesel compatible in accordance with FAME DIN EN 14214

EBERSPÄCHER HYDRONIC – SELECTION GUIDE

Vehicle type	Camper vans Alcoves		Van/semi-integrated vehicles			Integrated vehicles			Luxury motor homes > 7.5 t			
Lengths	Compact	Large	6m	7m	8m	6m	7m	8m	6.5m	7.5m	8.5m	> 8.5m
Hydronic 2 Economy*				•						•	•	-
Hydronic 2 Comfort**		-	•	•			-	•		•		•
Hydronic M												•

Can be used as primary heating unit

■ Can be used for front heating

* Easy to install in the engine cooling circuit

^{**} Heats particularly quickly





ACCESSORIES CONTROL ELEMENTS

We have completely 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			• • • • •		* .		
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	• For use in fresh air mode	Heating/ventilation on/off Required temperature can be set using arrow keys (left/right) (air heaters only)	Heating/ventilation on/off Program/delete pre-select mode Long-press function for immediate heating A second heater/ auxiliary device can be operated Additionally with Airtronic: Required temperature can be set using arrow keys (left/right)	Heating/ventilation on/off Operating time adjustable Additionally with Airtronic: The default target value must be set additionally with a separate control element (EasyStart Timer)	Heating/ventilation on/off Program/delete preselect mode Long-press function for immediate heating A second heater/auxiliary device can be operated Additionally with Airtronic: Required temperature can be set using arrow keys (left/right)	Heating/ventilation on/off Operating time adjustable Status check Additionally with Airtronic: Desired temperature can be set Program/delete preselect mode	
Timer programming	_	-	3 programming locations within 7 days Selection of individual days of the week or one of three time periods (Mon-Fri/Sat-Sun/Mon-Sun)	_	3 programming locations within 7 days Selection of individual days of the week or one of three time periods (Mon-Fri/Sat-Sun/Mon-Sun)	3 programming locations within 7 days Selection of individual days of the week or one of three time periods (Mon-Fri/Sat-Sun/Mon-Sun)	
Timer programming: Autom. calculation of heating time	_	_	With Hydronic: Optionally with connection of temperature sensor	_	With Hydronic: Yes	_	
Immediate start-up mode running time	_	With Airtronic: Continuous heating mode preset With Hydronic: 60 min. preset	10–120 min. adjustable With Airtronic also: Continuous heating mode possible	Adjustable 10, 20, 30, 40, 50 or 60 min.	10–120 min. adjustable With Airtronic also: Continuous heating mode possible	10-120 min. adjustable With Airtronic also: Continuous heating mode possible	
Pre-ventilation**	_	Yes	Yes	Yes	Yes	Yes	
Display Interior temperature	_	With Airtronic: Yes	With Airtronic: Yes With Hydronic: Optional	_	Yes	Yes	
Feedback	_	Status: Heater Status: Connection to the heater	Status: Heater Status: Connection to the heater	Data transfer successful Status: Heater Status: Connection to the heater	Data transfer successful Status: Heater Status: Connection to the heater	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 net- work coverage)	
Display		LED ICON display, Lighting can be integrated with vehicle lighting circuit.	Matrix display with LEDs, lighting can be integrated with vehicle lighting circuit	Two-tone LED	Matrix display with LEDs	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; 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 with Airtronic does not require a separate control element to define the temperature target value. EasyStart Call is not designed for use in conjunction with other control elements.

^{**} Depending on heater type





ACCESSORIES FOR PRE-HEATERS

OXIDATION CATALYTIC CONVERTER AND ALTITUDE KIT

What's special about our current Airtronic pre-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-fueled 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 motor homes to specifically minimize exhaust gas odors and emissions of environmental pollutants. Thanks to our altitude kit, Airtronic and Hydronic models can also be operated at high altitudes without any problems.

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

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



ALTITUDE KIT - COMFORTABLE HEAT ALSO IN THE HIGH MOUNTAINS:

The heater can be operated at altitudes of 1,400 to 3,500 meters using the optionally available altitude kit. The altitude sensor provided measures and analyzes the atmospheric pressure after heating has been started and communicates this information to the control unit at regular intervals. The control unit analyzes the air pressure and adjusts the metering pump frequency. This reduces the heating power for operation at high altitudes. At altitudes below 1,400 meters, the heater operates normally at full heating power.



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

Our mobile compressor refrigerated containers are the ideal solution for motor homes without existing refrigerators, or they serve as an excellent addition to motor homes with refrigerators. They keep drinks cold and food fresh even in particularly warm vacation destinations – however long your journey is. Eberspächer refrigerated containers, available in a variety of sizes, differ greatly from commercially available picnic coolers. The workmanship is of particularly high quality, and the compressor technology – with cold being produced by a special CFC-free refrigerant in a cooling circuit – is specially designed for durability. Even deep freezing down to -18 °C is possible! Nevertheless, our refrigerated containers are light 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 car.



HEATING AND COOLING – THE PERFECT ADDITION TO YOUR PRE-HEATER THE ENERGY-SAVING EBERCOOL HOLIDAY III STATIONARY COOLING SYSTEM

The Ebercool Holiday III is a water-operated stationary cooling system that was specially developed for motor homes. The cooling system can run both during the journey and autonomously (12 V) when the engine is off, and works on the physical principle of evaporation. It enables the temperature in the living area to be greatly reduced relative to the outside temperature, thus creating a pleasant indoor climate. Thanks to the very low power consumption of the Ebercool Holiday III, you are no longer dependent on a fixed power connection. It is therefore most suitable for independent campers. As no compressor is required, the Ebercool Holiday III is also impressively quiet to operate. This makes for a good night's sleep on warm nights.

BENEFIT FROM THE CLEAR ADVANTAGES:

- Extremely low energy consumption
- Long operating time possible even without external power supply thanks to integrated undervoltage protection
- Very quiet operation (brushless motors)
- Extremely lightweight

- Uses water economically and ecologically
- Supplied via the vehicle's own fresh water tank
- Internal water reservoir of 1.5 liters
- 25 control levels
- Installation kits for roof hatches



EBERCOOL HOLIDAY

Model		Holiday III
Voltage	V	12
Current consumption		
(without water pump)	I	Min. 0.5 A/Max. 6.6 A (at 12 V)
Air flow volume		
(25 speed settings)	m³/h	650
Weight	kg	19
Dimensions (L x W x H)	mm	830x750x210
Minimum dimensions for installation	mm	400 x 400 or 500 x 700
Battery protection system		Safety switch-off at low battery charge level
(for version)		and complete switch-off when temporarily not in use
Control unit		Infrared remote control
Water consumption	l/h	0.5 – 1.5

The Holiday III is supplied ready to install, including installation kit.

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

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

GERMANY

Eberspächer Heizung Vertriebs-GmbH & Co. KG Wilhelmstrasse 47 17358 Torgelow Hotline: 0800 1234300

Fax hotline: + 49 (0)1805 262624 vk-heiz@eberspaecher.com www.eberspaecher.com

www.eberspaecher-reisemobile.de

AUSTRIA

Eberspächer GmbH IZ NÖ-Süd2 Hondastraße 2, Obj. M47

Hondastraße 2, Obj. M47 2351 Wiener Neudorf

Phone: + 43 (0)2236 677144-0 Fax: + 43 (0)2236 677144-42 office-at@eberspaecher.com www.eberspaecher.at



Eberspächer Climate Control Systems GmbH & Co. KG Eberspächerstrasse 24

73730 Esslingen GERMANY

Phone: +49 711 939-00 Fax: +49 711 939-0634 info@eberspaecher.com

www.eberspaecher.com

