

PRE-HEATERS | PASSENGER CAR

TREAT YOURSELF TO THE COMFORT OF A
PRE-HEATER – NO MORE ICE SCRAPING!



PASSENGER CARS



A WORLD OF COMFORT







NO MORE SCRAPING ICE – WITH A PRE-HEATER FROM EBERSPÄCHER

So you feel that you've achieved something in your life? You've learnt to appreciate the big and the little pleasures that life offers and use them to your advantage? You know that the most valuable currency of all is your time? Then you and your family should treat yourselves to the luxury and comfort offered by a pre-heater from Eberspächer, because the days when you had to get up earlier in the morning to scrape ice off your car windows are finally gone. For high-end cars in particular, the purchase price of a pre-heater is very low compared to the price of the vehicle, although its benefits are considerable.

The benefits of an Eberspächer pre-heater are plain to see: get in and feel good, enjoy perfect all-round vision and arrive safely. All this while protecting the environment and your car thanks to the warmed-up engine. A pre-heater from Eberspächer is the perfect combination of luxury, comfort and safety.

The latest generation of our heaters produces almost no emissions or noise. Additional fuel consumption is so low that it is usually offset by the reduced consumption of the pre-heated engine. Installation in a specialist workshop is straightforward – and does not affect your vehicle's warranty.

Use the time you save in the morning to share breakfast with your family, to participate in sport or to prepare for your working day.

That is the great difference between you and your neighbours, who – wearing scarves, hats and gloves – laboriously clear their car windows, while you have long since retired your ice scraper.

AT A GLANCE:

- Maximum comfort – never scrape ice again
- Protects the engine and the environment
- Uses minimal fuel
- Exclusive option – especially in premium cars
- Easy to use
- Simple installation at your specialist workshop



GO ON, TREAT YOURSELF – A SUMMARY OF THE BENEFITS

You are probably asking yourself whether investing in a pre-heater is really worthwhile. After all, you've already got a garage for your vehicle and you suspect that the device just uses additional fuel and that there are only a few days in the year when you can take advantage of the convenience it offers. Let us reassure you – there is much more in favour of a modern pre-heater than you can see at first glance.

Your Eberspächer pre-heater protects the engine, your wallet and the environment. And does so every time you start your car.

A SUMMARY OF THE MAIN BENEFITS OF A PRE-HEATER FROM EBERSPÄCHER:



GREATER COMFORT:

Not only do you no longer have to waste time scraping the ice off the windows in the morning – a pre-heater also ensures you have a pleasantly warm car to get into after a session at the gym or a leisure club, after an evening trip to the cinema or concert. A pre-heater is also a true status symbol and should be found in every high-end car.



GREATER SAFETY:

The Eberspächer pre-heater ensures that your windows are thawed in time for you to set off and remain clear. No need to wear a thick winter jacket at the steering wheel – for real safety!



LESS BURDEN ON THE ENGINE:

A cold start puts almost as much strain on the engine as 70 kilometres of motorway driving. A modern pre-heater prevents this, because it heats not only the interior but also your engine's cooling circuit. The damaging cold-start phase is avoided, which helps to maintain your vehicle's value.



LESS FUEL CONSUMPTION:

An engine warmed by a pre-heater consumes considerably less fuel when started, because the cold-starting or warm-up phase described earlier does not occur. As a rule, this easily offsets the extra fuel required to operate the pre-heater.



FEWER POLLUTANTS:

The pollutants emitted during a warm start are around 60 percent lower than during a cold start. This not only eases your conscience but also specifically protects the environment. Pollutant reduction is therefore one of the strongest arguments in favour of using a pre-heater.



A GENUINE ALL YEAR BONUS:

Winters at our latitudes last much longer than we realise. Ice in April is not unusual! And the first minus sign often appears on the thermometer in October. Simply select pre-ventilation on hot summer's days, and you can then keep your car supplied with fresh outside air in the car park as well.



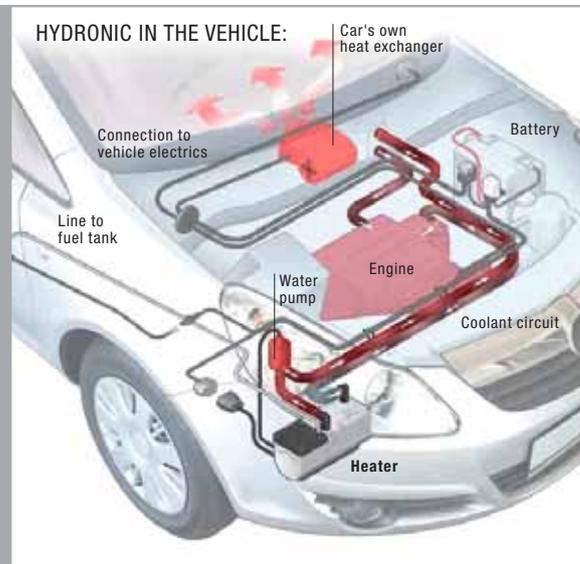
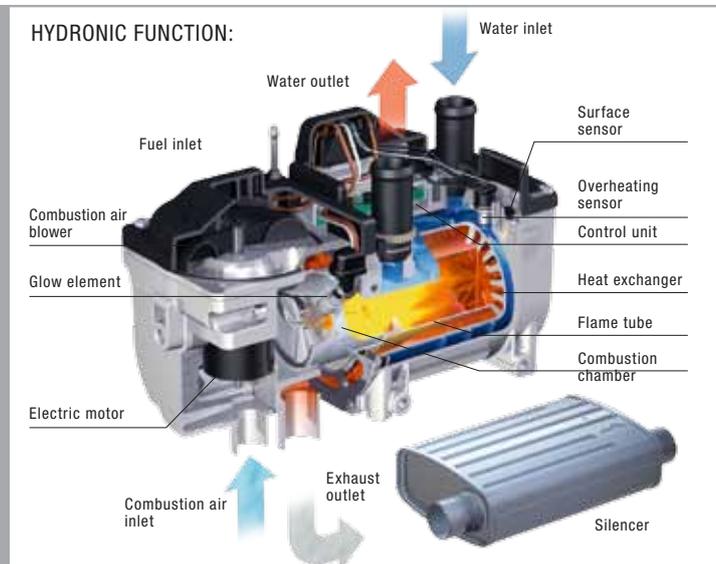
HOW COMFORTABLE HEAT IS PRODUCED

The basic principle of pre-heaters is to heat the passenger cabin in all kinds of vehicle, so that the driver and passengers do not have to rely on the heat given off by a running engine. The Eberspächer pre-heater is a water heater that impresses with its high performance, reliability, simple operation and long service life.

Integrated into the engine's coolant circuit and connected to the fuel tank, the pre-heater gives off its heat to the vehicle's own heat exchanger. The vehicle's heating system then passes finely metered quantities of warm air to the car's interior. In addition, the pre-heater warms the engine's coolant circuit, thereby preventing harmful cold starts.

Specify the required start time of your pre-heater with a digital timer. Those who don't live by the clock and would like to switch the car heating on remotely as required, will opt for activation by remote control or even by phone.

And when summer comes? Then the pre-heater transforms simply into a ventilation system! A brief press of a button on your remote control and the Eberspächer pre-heater blows the hot air out of the passenger cabin. Stay fresh!





THE RIGHT SOLUTION FOR EVERY REQUIREMENT

Eberspächer pre-heaters are available in a range of power ratings – always to suit your personal requirements and your vehicle. Whether for a small car, saloon, SUV or van – with a pre-heater from Eberspächer, you'll always make the right choice. Your dealer can advise you in detail about the correct heating unit and also provide you with information on installation and use.

The Hydronic models from Eberspächer with 4 or 5 kW heating output are suitable for all popular makes of vehicle: from premium small cars to powerful saloons and vans with large passenger cabins. Depending on the vehicle model and respective engine type, a range of pre-heaters is also available for your vehicle. The small, compact device fits easily into the engine compartment and is extremely simple to install and maintain.

The precise indication of the vehicle type is especially important when installing the pre-heater, as specific installation kits are available for many popular models to further simplify installation in your vehicle and save you even more money.

AT A GLANCE:

The professionals at your workshop can install an Eberspächer pre-heater with little effort, because specific installation kits are available for most vehicles.

Your vehicle warranty naturally remains unaffected by the installation of a pre-heater.

COMPACT CAR
SALOON
 SMALL BUS
SUV
 OFF-ROADER
 MICROVAN
 COMPACT CLASS
 VAN
 LARGE SALOON
 MIDSIZE CLASS
UPPER CLASS
 PREMIUM
ESTATE
 ROADSTER
 SPORTS CAR
 CONVERTIBLE





MAXIMUM OPERATING CONVENIENCE

We offer a broad range of user-friendly operational controls to make it easy for you to enjoy the comfort of Eberspächer diesel fuelled heaters. The innovative EasyStart product line sets new standards in operating convenience. You will also find that our products are thoroughly impressive from a practical standpoint too, offering an illuminated display, intuitive user interface and large keypad buttons. With the Eberspächer remote control system Calltronic, you can also conveniently operate your pre-heater by mobile phone or land-line phone if it features tone dialling.



EASYSSTART T TIMER:

The heating can be controlled directly in the car using the timer – it doesn't get any more convenient. While your neighbour is still laboriously clearing the snow and ice from his car, your vehicle is all set to go: get in and drive off.



REMOTE CONTROLS EASYSSTART R AND EASYSSTART R+:

The timer is certainly convenient, but using a remote control from the EasyStart family is even better: It can be used to activate the pre-heater from a distance of up to one thousand metres, whether you're tucked up in bed or sitting at the breakfast table. So practical. The EasyStart R+ contains all the comfort functions of the EasyStart T timer.



CALLTRONIC:

If you don't want to worry about an additional piece of equipment, then use the telephone remote control: One call is all it takes to switch on the heater. This also works over greater distances, by mobile phone or land-line with tone dialling. Winter snags become a permanent thing of the past.

PRE-HEATER TECHNICAL DATA

OPERATION WITH E10 FUEL
POSSIBLE WITHOUT LIMITATION

PRE-HEATERS PASSENGER CAR					
	Model	Hydronic		Hydronic 2 Economy	
Heat output	kW	4	5	4	5
Average consumption for a 30-minute heating phase*	l	0.20	0.22	0.19	0.22
Comfort installation set**		No	Optional	Optional	Optional
E10 capability		Yes	Yes	Yes	Yes
Multi-fuel capability up to 100 % FAME***		No	No	Yes	Yes

* Calculated average consumption with 15 minutes at High level and 15 minutes at Low level. The actual consumption varies according to the external temperature and the vehicle size (interior, engine).

** If heating the interior takes priority, a valve provides the correct distribution of heat between the engine and the interior.

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

**EXPERT TIP:**

Visit our website at your leisure for detailed information on our heaters, the control elements, installation and costs – all with no obligation. All it takes is a few clicks to find your nearest Eberspächer partner.

www.eberspaecher-standheizung.com

www.eberspaecher-standheizung.ch

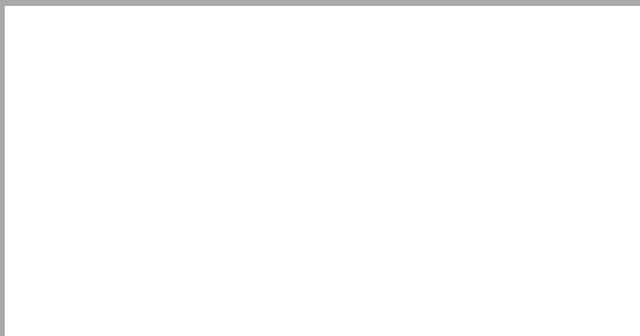
www.eberspaecher-standheizung.at

OPERATING ELEMENTS TECHNICAL DATA

CONTROL ELEMENTS				
Model	Timer EasyStart T	Remote Control EasyStart R	Remote Control EasyStart R+	Calltronic Telephone Remote Control
Description	To regulate the cabin temperature Installation in the vehicle interior Innovative, intuitive Menu navigation via the menu bar	Basic model Can be combined with Easystart T	Convenience version All functions of the EasyStart T included With feedback on heater function	GSM module with voice chip The pre-heater can be operated by mobile phone or land-line phone (tone dialling).
Pre-selection	Memories for 3 pre-select times within 7 days	No	Memories for 3 pre-select times within 7 days	Yes
Automatic calculation of heating time in pre-select operation	Optional	No	Yes	No
Immediate start-up mode	Can be set for 10 - 120 minutes, continuous heating possible	Can be set for 20/30/40/60 minutes	Can be set for 10 - 120 minutes, continuous heating possible	Can be set for 10 - 120 minutes
Pre-ventilation	Yes	Optional	Yes	Yes
Temperature display	Optional	No	Yes	No
Feedback	Heater status	Data transmission successful, heater status	Data transmission successful, heater status	Yes
Range	—	Up to 1,000 m under optimum conditions	Up to 1,000 m under optimum conditions	Depends on network coverage
Display	LED displays, e.g. for time, heating time, temperature in the cabin interior. Lighting integrated with the vehicle lighting circuit.	Two-coloured LEDs	LED displays, e.g. for time, heating time, heating/ventilation, status of battery.	No

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

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



J. Eberspächer GmbH & Co. KG
Eberspächerstrasse 24
73730 Esslingen
GERMANY
Phone: +49 711 939-00
Fax: +49 711 939-0634
info@eberspaecher.com
www.eberspaecher.com

