

PROVIDING COMFORT – WHATEVER THE WEATHER





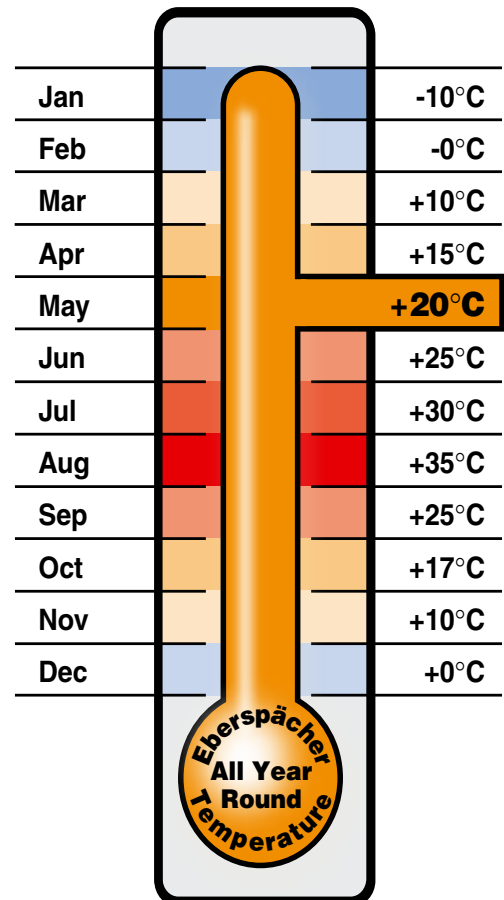
CLIMATE CONTROL THE RIGHT ENVIRONMENT FOR YOUR NEEDS

Eberspächer are especially qualified to offer climate control systems combining the benefits of Eberspächer's range of independent diesel fuelled heaters together with their wide range of air conditioning equipment.

Air conditioning is now seen as more or less essential on many vehicles and many customers are now choosing to specify Climate Control instead of air conditioning, especially for vehicles operating in busy urban areas.

In response to this greater demand, Eberspächer have now increased their range of climate control systems with two entirely different types of system, both of which have many options for either internal or roof mounted evaporators. The traditional water based climate system is known as Hydro-Climate whilst the newer option is called a Dual Air Climate system. The two systems operate in different ways offering the customer a choice of benefits to suit the application.

Both systems are available to suit almost all current European chassis / engine configurations for vehicles up to 7.5 tonnes. All systems also carry a comprehensive warranty backed up by both nationwide and European wide dealer networks.





DUAL AIR CLIMATE SYSTEM

A new system specifically designed to give the benefits of Eberspächer's wide range of Airtronic diesel fuelled heaters together with a comprehensive range of standard air conditioning units.



The two systems are linked by a common controller which operates both systems independently of each other. The customer selects a desired temperature (e.g. 21°C) and the system turns on either heating from the traditionally floor (or box) mounted Airtronic heater or air conditioning, depending on the internal cabin temperature. Since only one half of the system is operating at any one time, the Dual Air Climate system is cheaper to operate than the Hydro-Climate system where both air conditioning and heating are operating at the same time, however this system does not provide dehumidified air in winter time.

The air conditioning unit can be either a standard internal unit or an external roof mounted unit. By utilising an Airtronic heater, this system can also, if desired, be specified with a number of options to further enhance the heating operation which are not available for the Hydro-Climate systems.

- E7590 15 minute run on timer.
- E7591 7 day pre-heat timer.
- E7592 Both of the above.

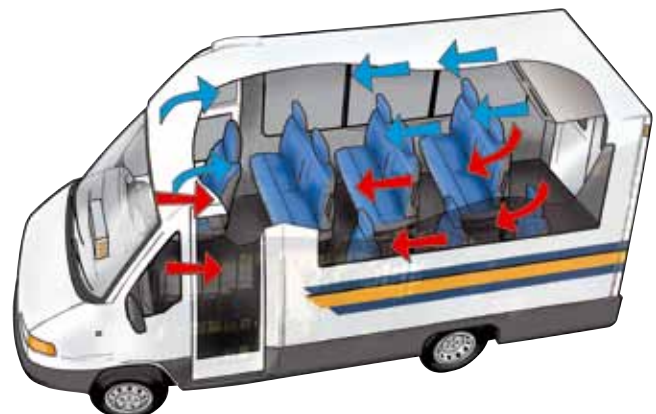
The standard system is operated by a newly designed digital controller similar in appearance to the Hydro-Climate system so that vehicle manufacturers can accommodate either system controller within the same space.

HYDRO-CLIMATE SYSTEM

This system is similar to the types of climate control used in most luxury cars and utilises an Eberspächer Hydronic diesel fuelled water heater (5kW for MB Sprinter sized vehicles and 10kW for MB Vario) together with a special HVAC unit to provide air at whatever temperature the operator has selected between 18°C and 28°C.



Both warm and cool air are emitted from the HVAC unit and is regulated remaining constant whether night or day, winter or summer. The fan speeds are also automatically regulated. This system provides dehumidified warm air on wet winter days as well as cool dry air in summer. The system keeps the windows free of condensation all year round and is in use 12 months a year thus preventing the air conditioning system seals "drying out" in the winter. Since hot air is provided by the HVAC unit, there is no need for a floor mounted heater, freeing up space in vehicles with flexible seating. The system is controlled by a fully automatic digital controller. Air can either be blown directly into the cabin or ducted through luggage racks. Eberspächer can also provide special ducting if 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.

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