

AIR CONDITIONING AND CLIMATE CONTROL USER INSTRUCTIONS AND SERVICE HISTORY



INTRODUCTION

Thank you for purchasing an Eberspächer Air Conditioning system. To guide you with your purchase, we have written some simple explanations and answers to some of the frequently asked questions. We hope you find this useful and if you have any further questions about this or any other Eberspächer supplied products, please contact us at the address at the back of this leaflet.

Q How do I operate my Air Conditioning system?

As a general guide, keep all vehicle windows and external vents closed, particularly re-circulation controls which allow fresh air through the ventilation system, as this will allow warm moist air to enter the vehicle, making the air conditioning less efficient.

Depending upon the design, Eberspächer systems can be controlled either by a simple on / off switch, an additional thermostat or a digital controller.

The simplest in-dash system is operated by an on / off switch, usually situated on the dashboard of the vehicle. To operate the system you must first put the fan speed controller to the 1st speed. The air conditioning switch will often have either a frost symbol or AC marked on as a legend, and in some instances it will be the original vehicle manufacturers switch. The system will then operate automatically and the temperature to the dashboard vents is adjusted by use of the vehicle heater controls.

For vehicles fitted with a system independent of the dashboard, the controls will consist of a fan speed control switch and a combined on / off thermostat switch. The blower may be operated without the use of the air conditioning. To operate the air conditioning you must adjust the thermostat.

INTRODUCTION

The next option is a digital controller. This combines the fan speed and temperature control functions together. The temperature is controlled by the up and down arrows and the display indicates required temperature. Fan speed control is also controlled by the up and down arrows and indicated as Lo, Med or Hi.

Eberspächer Climate Control systems utilise a digital controller. The fan speed is controlled by use of the right-hand up and down arrows, with the temperature required adjusted by the left-hand up and down arrows. For maximum cooling the unit should be adjusted to read Lo and for maximum heating it should be set to Hi. The climate system is best operated by pressing the Auto mode, this system will then automatically adjust the air conditioning and heater outputs to maintain the desired temperature. Fan speed is also automatically selected when in Auto mode.

In all cases, it is recommended to run your system each week throughout the year for 5 minutes, however it is essential to run the system each month for a minimum of 10 minutes.

The system should be run under the following conditions:

1. Engine idle speed greater than 1,000 rpm.
2. The outside temperature above 0°C.
3. The cab interior temperature above 20°C.
4. The engine is at normal running temperature.

If you have any questions regarding the operating of your Eberspächer Air Conditioning or Climate Control system, please contact the Air Conditioning Division on 01425 480151.

FREQUENTLY ASKED QUESTIONS

Q Is there anything I can do to keep the Air Conditioning and Climate Control system working?

On vehicles, the best advice is to run the system continuously. Eberspächter systems are efficient and will not add greatly to the fuel consumption. Continuous running ensures that the refrigerant and oil are circulated throughout the system, keeping the seals lubricated and preventing refrigerant leakage. It will also help with the operation of fans and on Climate controlled systems ensure that the heater is running cleanly and efficiently. Note: On Hi setting with Climate system the air conditioning will not be in operation, it is advised that your system is not left in Hi setting permanently.

Please ensure the tension of any compressor drive belt is inspected and, if necessary, adjusted within 1,500 miles.

Q Should my system fail to operate what should I do?

Eberspächter have a network of Approved Service Agents throughout the UK and there is a network of European Dealers.

To gain warranty assistance please have the following details to hand:

- Vehicle supplier;
- Vehicle type and registration details;
- The serial number of the system;
- The part number of the system;
- Mileage and service history.

The serial number should be found on the vehicle as a silver, self adhesive label attached under the bonnet of the vehicle, or in the passenger footwell. The serial number is also on the warranty control card and commissioning paperwork in the wallet supplied with the vehicle.

If you wish you may either contact your local Eberspächter Agent direct, or contact Eberspächter on the Total Life Care helpline on 01425 482110 who will give you the details of your local agent. The agent will then carry out any repairs as necessary within the warranty terms and conditions.

Q Where can I get my system repaired in the event of failure?

Repairs during the warranty period must be completed by an Eberspächter Approved Dealer.

Q How long is my warranty period?

The warranty period is defined on the warranty control card supplied with the product.

- UK – 36 months upto 96,000 miles, service dependant.
- Export – Non-European 12 months upto 32,000 miles.
- UK Refrigeration Systems – 24 months, 64,000 miles.

Warranty does not cover fair wear and tear items or scheduled service items.

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FREQUENTLY ASKED QUESTIONS

Q What happens if a system is not regularly serviced?

If an Air Conditioning system is not serviced, a build-up of moisture can occur within the refrigerant circuit. The built-in filter drier is designed to store any moisture and contamination present in the system. If the filter is not changed then its element will eventually become saturated and cause potentially damaging and expensive failures. Failure to replace the drive belt and the idler / tensioner devices may result in engine damage.

Failure to service to the required schedule will invalidate the warranty at the due service point i.e. 32,000 miles (1,000 hours), or 64,000 miles (2,000 hours).

Q Who can service my Air Conditioning system?

Eberspächer's network of Approved Agent's throughout the UK have access to the genuine spare parts and technical information required to maintain your system to its full potential. You may either contact your local Eberspächer Agent direct, or contact Eberspächer on 01425 480151, who can give you the details of your local agent. Note: Service is required to maintain the warranty.

Q Proof of Service

Acceptable proof of service is the Service Certificate, or a VAT invoice listing all the Eberspächer part numbers for parts used, and declaration that the required schedule has been followed.

Q Why can I smell a 'musty' smell inside the vehicle when I turn on the Air Conditioning or Climate Control system?

This is due to the build-up of mould and microbes on the evaporator. It can be cured with a microbiological treatment of the evaporator unit during the service.

If you have any further questions regarding the operating or servicing of your Eberspächer Air Conditioning or Climate Control system, please contact the Air Conditioning Division on 01425 480151.

Q Where can I find my nearest Eberspächer Approved Dealer?

Go to:
www.eberspacher.com/dealers/dealersearch

Please use the postcode function to provide the details of your nearest Eberspächer Approved Dealer.


USER INSTRUCTIONS

EBERSPÄCHER 'DUAL AIR' TEMPERATURE CONTROL SYSTEM





Vehicle is equipped with a fully automatic temperature control system that maintains the user selected interior temperature using a digital keypad. The system controls both the heating and air conditioning functions of the vehicle.

SWITCHING THE AUTO SYSTEM ON




The AUTO system is turned on by pressing the AUTO key .


In automatic mode, the system will monitor the temperature inside the vehicle and select either air conditioning (cooling) or heating, to maintain the pre-selected temperature. In cooling mode the blower speed is automatically adjusted by the controller.

CHANGING THE SELECTED TEMPERATURE

The temperature  can be adjusted by pressing the  (Red) or  (Blue) keys on the left-side of the panel. The temperature is selectable between 16°C and 28°C.

ADJUSTING THE BLOWER SPEEDS

The air conditioning blowers have three speeds and are normally controlled automatically by the temperature controller. The blowers  can be adjusted manually by pressing the right-hand  (Up) or  (Down) keys.

The current blower speed is shown on the control panel as indicated by a segmented display .

NOTE

The air conditioning blowers do not work when in heating mode.

USER INSTRUCTIONS


MANUAL CONTROL

Pressing the HEAT or COOL keys will manually set the system into maximum heating or cooling.

There is no automatic blower speed control in manual cooling mode.

When 10 minutes have elapsed the controller will return to auto mode, displaying previous set temperature.

CHECKING THE OUTSIDE TEMPERATURE

The outside temperature can be displayed for six seconds by momentarily pressing the  key.

SWITCHING THE SYSTEM OFF

Pressing the blower   (Down) key below minimum fan speed turns the system OFF.


USER INSTRUCTIONS

EBERSPÄCHER 'HYDRO' CLIMATE LED 1/2 DIN TEMPERATURE CONTROL SYSTEM






Vehicle is equipped with a fully automatic temperature control system that maintains the user selected interior temperature using a digital keypad. The system controls both the heating and air conditioning functions of the vehicle.

SWITCHING THE AUTO SYSTEM ON




The AUTO system is turned on by pressing the AUTO key .


In automatic mode, the system will monitor the temperature inside the vehicle and regulate both air conditioning (cooling) and heating, to maintain the pre-selected temperature. The blower speed is automatically adjusted by the controller.

CHANGING THE SELECTED TEMPERATURE

The temperature  can be adjusted by pressing the  (Red) or  (Blue) keys on the left-side of the panel. The temperature is selectable between 16°C and 28°C.



ADJUSTING THE BLOWER SPEEDS

The air conditioning blowers have three speeds and are normally controlled automatically by the temperature controller. The blowers  can be adjusted manually by pressing the right-hand  (Up) or  (Down) keys.


The current blower speed is shown on the control panel as indicated by a segmented display .

USER INSTRUCTIONS




MANUAL CONTROL

It is also possible to select the **LO** mode (maximum cold) and **HI** mode (maximum heat) from the temperature keys  (Red) or  (Blue).

CHECKING THE OUTSIDE TEMPERATURE

The outside temperature can be displayed for six seconds by momentarily pressing the  key.

SWITCHING THE SYSTEM OFF

Pressing the  key, or blower   (Down) key below minimum fan speed turns the system OFF.

AIR CONDITIONING – SERVICE RECORD

SERVICE RECORD

VEHICLE MAKE / MODEL		VEHICLE REGISTRATION	
BODY BUILDER		BODY NUMBER	
DATE INTO SERVICE		FLEET NUMBER	

DATE	JOB NUMBER	REPAIR OR SERVICE HISTORY	AIR CONDITIONING 6 MTH / 12 MTH	NAME OF DEALER

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