

Control element



! Changes to the settings on the control element will be carried out with a time delay

Rotary knob for:

- Switching on and off
- Setting the room temperature
- Resetting after a fault cut-out

Indicator/error code display

Switch on

Set the rotary knob on the control element to the desired temperature.



Note:

To prevent the hot and combustion air fan from blocking or scraping, ensure that there are no objects on or against the heater before you switch it on.

Control Panel Air Top Evo MC04/05

Mode selector knob

Temperature selector



Main switch ON / OFF

Indicator

General information

Using the Control Panel Air Top Evo MC04/05, you can select the functions of the Webasto air heaters Air Top Evo.

	Eco	Economy mode
	Normal	Comfort heating
	Plus	Fast heating
	Fan	Fan
	Altitude	Altitude correction (not available for MC04 M and MC04 SPM)

The control panel is to switch on/off, as well as to preselect the operation modes and the interior temperature. For technical data as well as references to the installation, see the installation instructions of the specific heater.

Operation

 Main switch ON / OFF

Switching on the heater

By pressing the main switch ON / OFF the heater is activated. After switching on, the main switch illuminates and the indicator "ON / Status" lights to confirm the heater operation.

Switching off the heater

By pressing the main switch ON / OFF again the heater operation is stopped.

After switching off, the lighting of the main switch is also off.

The indicator "ON / Status" goes off after approx. 3 minutes (cooling down of the heater).

Mode selector knob

With the mode selector knob you can select the desired functions of your heater by placing the index on the desired symbol.

Temperature selector

You can adjust the desired interior temperature with the temperature selector. Preferably the temperature selector should be in the marked range of the scale (comfort range).

Error code

Faultless operation:

The normal operation of the equipment is represented by the status indicator, illuminating green light.

After switching off the heater (main switch) the status indicator shows the normal cooling down process of the heater. After the heater has cooled down normally, the status indicator shuts off.

Fault:

During an operational fault a flashing code is displayed by the status indicator. This function enables a professional workshop to solve the fault in a fast way. In this case please visit a Webasto service station!

Actions in event of faults

If an error occurs, first check the fuse and plug connections to ensure that they are in proper condition and connected correctly.

If the actions described below do not rectify the error, have the heater checked by Webasto-trained personnel.

Heater unit cuts out automatically

Cause

No combustion after start and repeat start

Flame extinguishes during operation

Heater unit overheats and indicator flashes

Vehicle voltage too low

Remedy

Switch heater unit off (for at least 2 seconds) and then on again

Switch heater unit off (for at least 2 seconds) and then on again

Make sure that hot air can flow freely, allow heater unit to cool down, Switch heater unit off (for at least 2 seconds) and then on again

Charge battery
Switch heater unit off (for at least 2 seconds) and then on again

Heater unit emits black smoke

Cause

Combustion air and/or exhaust system blocked

Remedy

Check combustion air and exhaust system for blockage

Error code output on combination timer or control element

The error code is output if the heater is fitted with a control element after an error has occurred by the switch-on indicator/error code indicator flashing. After a burst of fast flashes the error code will be output by a sequence of long flashes, the number of which is shown in the table below.

Error code	Meaning
F 00	Control unit error
F 01	No start (after 2 starting attempts)
F 02	Flame failure (at least > 3)
F 03	Undervoltage or overvoltage
F 04	Premature flame recognition
F 06	Temperature sensor interrupt or temperature sensor short circuit
F 07	Metering pump interrupt or metering pump short circuit
F 08	Fan motor interrupt or fan motor short circuit or fan motor overload or blocked
F 09	Glow plug interrupt or glow plug short circuit
F 10	Overheating
F 11	Overheating sensor interrupt or overheating sensor short circuit
F 12	Heater unit lock-out
F 14	Overheating sensor installed incorrectly
F 15	Setpoint generator short circuit

If serious faults, such as overheating or no start, occur frequently, the heater will be set to permanent fault lock-out (F 12) and cannot be restarted until it has been repaired by Webasto-trained personnel.