

# Truma E-Kit



**EN** **Operating instructions**  
To be kept in the vehicle

Page 02



heating | cooling | controlling

More comfort on the move





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**Symbols used**

-  The appliance must only be installed and repaired by an expert.
-  Symbol indicates possible hazards.
-  Note containing information and tips.
-  Danger of overheating! Do not cover the heater.

**Proper use**

The appliance is approved solely for installation and operation in "caravans" of vehicle class O, "motor homes" ("motor caravans" of vehicle class M1 and "mobile homes".

**Safety instructions**



Only competent and trained staff (experts) are permitted to install and repair the Truma product and to carry out the function test, at the same time observing the installation and operating instructions and the currently recognised technical regulations. Experts are persons who, based on their specialist instruction and training, their knowledge and experience with Truma products and the relevant standards, can carry out the necessary work properly and identify potential hazards.

In particular, the following will render warranty and guarantee claims void and lead to exemption from liability claims:

- Modifications to the appliance (including accessories),
- Using replacement and accessory parts other than original Truma parts,
- Failure to follow the installation and operating instructions.

The appliance may be operated only with appropriate Truma control panels and accessories.

The appliance's operating permit, and consequently also the vehicle's operating permit in some countries, are also rendered void.

Heat-sensitive objects (e.g. spray cans) or flammable materials / liquids must not be stored in the same compartment where the appliance is installed because, under certain conditions, this area may be subject to elevated temperatures.

Keep flammable materials away from the area in front of the warm air outlets. Never block the warm air outlets.

The openings for circulated air intake, the installation compartment and the space around the unit must be kept free of obstacles so that the unit does not overheat.

The vehicle owner is responsible for correct operation of the appliance.

Children aged under 3 years must be kept away unless they are under constant supervision.

Children aged over 3 years and under 8 years may only switch the appliance on and off if they are under supervision or if they have been instructed on how to safely use the appliance and have understood the potential dangers, and provided that the appliance is located or installed in its normal place of use. Children aged over 3 years and under 8 years may not insert the plug into the socket, regulate the appliance, clean the appliance and / or perform user maintenance

This appliance may be used by children from 8 years old and by persons with reduced physical, sensory or mental capabilities or with a lack of experience and knowledge only if they are supervised or have been instructed in the safe use of the appliance and understand the resulting risks. Children must not be allowed to play with the appliance.

Some parts of the product can become very hot and cause burn injuries. Particular caution is required when children and vulnerable persons are present.

Danger of fire / explosion if you attempt to use a unit that has been damaged by flooding or if the vehicle has been involved in an accident. A damaged appliance must be repaired by an expert or be replaced.

In order to ensure that the equipment works properly and to avoid damage, only power supply sources with a purely sinusoidal waveform (e.g. voltage converter, generator) and without voltage peaks must be used.

If this appliance's power supply line is damaged, it must be replaced by the manufacturer, the manufacturer's Customer Service or a similarly qualified person so as to prevent hazards.

A water pipe may only be routed at a distance of 1.5 m from the heater at the warm air duct.

The appliance may only be repaired and cleaned by an expert. The appliance must first be disconnected from the mains at all poles.

The Truma E-Kit must not be used at altitudes exceeding 2000 m.

## Operating instructions

**Always observe the operating instructions and the "Safety instructions" prior to starting!** The vehicle owner is responsible for correct operation of the appliance.

### Start-up

- Remove the cowl cover (Truma VarioHeat) (if present).
- Open the gas cylinder and the quick-acting valve.
- Establish the power supply (12 V  $\equiv$  and 230 V  $\sim$ ).
- Select the operating mode and set the desired temperature.

### Initial start-up

In order to perform the initial start-up, the following steps are required:

- Switch on the power supply. 12 V  $\equiv$  for Truma CP plus VarioHeat control panel and Truma VarioHeat. 230 V  $\sim$  for the Truma E-Kit and air conditioning systems.
- Start the search of the appliances under the menu item "Service menu" -> "RESET" -> "PR SET".

After confirmation, the Truma CP plus VarioHeat control panel initialises itself. "INIT .." appears on the display while this is in progress. The appliances that have been found are stored in the control panel.


### Operation

The Truma E-Kit is operated via the Truma CP plus VarioHeat control panel. Operation of the Truma E-Kit is described in the operating instructions for the Truma CP plus VarioHeat control panel.

### Operating modes

#### Electrical operation (EL)

Only the Truma E-Kit is used for heating in electrical mode. The ventilator of the Truma VarioHeat is used for warm air distribution.

 Depending on the ambient temperature, electrical heating power alone might not be sufficient to reach the specified room temperature. Switch to mixed or gas mode to increase the heating power.

#### EL1


In electrical mode **EL1**, the Truma E-Kit provides 900 W of heating power until the desired room temperature is reached.

#### EL2

In electrical mode **EL2**, the Truma E-Kit provides a maximum of 1800 W of heating power until the desired room temperature is reached.

#### Mixed mode (MIX)

In mixed mode, the Truma E-Kit is used together with the Truma VarioHeat to provide heating.

 This mode is the fastest way of reaching the specified room temperature.

#### MIX1

In mixed mode **MIX1**, the Truma E-Kit provides 900 W of heating power in addition to the heating power of the Truma VarioHeat.

#### MIX2

In mixed mode **MIX2**, the Truma E-Kit provides a maximum of 1800 W of heating power in addition to the heating power of the Truma VarioHeat.

#### Gas mode (GAS)

Only the Truma VarioHeat is used for heating in gas mode.

## Technical data

#### Rated power at 230 V $\sim$

Level 1: 900 W

Level 2: 1800 W

#### Rated power at 12 V $\equiv$

approx. 2 W

#### Temperature range

-30 °C to 50 °C

#### Weight

2.2 kg

#### Protection type

IPX0B

#### Protection class

Class 1

**EN** Should problems occur, please contact the Truma Service Centre or one of our authorised service partners (see [www.truma.com](http://www.truma.com)).

In order to avoid delays, please have the unit model and serial number ready (see type plate).

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