S 5004 E / S 5004 E NL

GB Operating instructions
To be kept in the vehicle!

Page 2
Safety instructions

An opened skylight / lifting roof around the exhaust cowl involves the danger of exhaust gas entering the vehicle interior.

The heater may only be operated when the roof skylight / lifting roof is closed.

In case of gas system leaks or gas smell:
– Put out all naked flames
– Do not smoke
– Switch off gas equipment
– Close blocking devices for gas supply line
– Open windows and doors
– Do not use any electrical switches
– Allow the whole system to be checked by an expert!

Only experts may carry out repair work!

A new O-ring must be mounted each time the waste gas line is dismantled.

Guarantee claims, warranty claims and acceptance of liability will be ruled out in the event of the following:
– modifications to the unit (including accessories),
– modifications to the exhaust duct and the cowl,
– failure to use original Truma parts as replacement parts and accessories,
– failure to follow the installation and operating instructions.

It also becomes illegal to use the appliance, and in some countries this even makes it illegal to use the vehicle.

The heater may only be operated if the local connection conditions (gas type and pressure) correspond to the device setting (see type plate).

The installation must comply with the technical and administrative provisions of the respective country in which it is used. The national regulations and directives (e.g. in Germany the TRGI – Technical Rules for Gas Installation / DVGW work sheet G 600 Annex ) need to be observed.

The operator is responsible for arranging a check.

Slight development of smoke and odours can occur when commissioning a new factory device (or after a longer period out of use). It is appropriate to immediately allow the device to burn on the highest power and ensure good ventilation of the room.

An unusual burner noise or raising of the flame points to a controller defect and makes an inspection of the controller necessary.

Heat sensitive objects (e.g. spray cans) may not be stored in the heating installation area as high temperatures can occur.
**Important operating notes**

The combustion air intake under the vehicle floor must be kept clear of dirt and slush.

The exhaust cowl must always be placed free in the air flow during operation of the heating. Roof structures can disturb the function of the heating.

The cowl must be cleared of snow before commissioning the heating system in winter. For winter or permanent camping, we recommend the attachable cowl extension set SKV (3 x 15 cm – part no. 30690-00) on the cowl.

If the heater keeps going out in places exposed to extreme weather conditions or when used in winter, we recommend using a cowl extension AKV (15 cm – part no. 30010-20800) and also the cowl top T2 (part no. 30700-02) or T3 (part no. 30070-03).

⚠️ If 2 or 3 extensions measuring 15 cm are used, these must be removed before a journey so that they are not lost (risk of accident). A remaining extension must be screwed down tight and secured with a screw.

If a canopy is mounted to the caravan, it is compulsory that the exhaust cowl is guided through this roof. Please use cowl leadthrough UEK (part no. 30630-04)!

The heat exchanger, the exhaust duct and all connections must be regularly inspected by an expert, and always after deflagration (misfiring).

The exhaust duct must:

- be connected tight and fixed to the cowl,
- be made of one piece (without separators),
- without cross-section narrowing and laid rising along the whole length,
- mounted tight together with the insulating duct with several clamps.

No objects may be placed on the exhaust duct as this could lead to damages.

⚠️ Heating systems with incorrectly mounted, a damaged exhaust duct or a damaged heat exchanger may not continue to be used!

Steps must be taken to ensure that the warm air outlet of the heating system is never obstructed. Therefore never place textiles or similar to dry in front of or on the heating system. Such misuse could cause major damages to your heating system and the textiles caused by overheating. Do not place any flammable objects near the heating system!

⚠️ The heating system cover becomes hot during operation due to the construction. The operator is responsible for due diligence towards others (especially small children).

It is compulsory to pay attention to the operating instructions and „Important operating notes“ when commissioning! The vehicle owner is responsible for operation of the device taking place correctly.

The stickers enclosed with the device are to be attached to the vehicle by the installer or vehicle owner at a place visible to all users! Any missing stickers can be ordered from Truma.

**Intended use**

The heater S 5004 E / S 5004 E NL is approved for installation in trailers (caravans vehicle class O), mobile homes, construction trailers or similar.

The device has a tight, nonadjustable uniform natural gas setting and is suitable for all standard local natural gas 20 – 25 mbar connections.

Permanently installed gas pipes must be used for the connection to the public gas supply.

**Installation inside motorcaravans**

(vehicle classification in M1) and motorised coaches (vehicle classification M2 and M3) as well as in vehicles for the transportation of dangerous goods is not permitted.

Installation in special vehicles, the valid regulations must be considered.

Installation in boats is not permitted.
Operating instructions

S 5004 E / S 5004 E NL heating system

The illustration shows installation on the right. For installation on the left, the parts are arranged on the other side (mirror-image). One or two fans can be mounted. A special installation box can be supplied for the installation of two fans.

Taking into operation

Make sure that a battery is inserted before commissioning for the first time (see „Battery change on auto ignitor“)!

1. Open blocking device in the has supply line.

2. Turn the control knob (a) into thermostat position 1 – 5 and push down far as possible. Ignition takes place automatically (audible ignition) until the flame burns.

Hold down the control knob for up to 10 seconds so that the safety pilot responds.

Wait min. 3 minutes before re-igniting after a fault, otherwise there is the risk of deflagration!

Should the flame go out during operation, immediate re-ignition takes place within the closing time of the safety pilot (approx. 30 seconds).

If a flame is not produced, the auto ignitor continues to work until “0” is switched on the control knob (a).

If the gas supply line is filled with air, it can take up to two minutes until the gas is ready to burn. Keep the control knob pressed down during this time until the flame burns.

3. In order to achieve even and quick distribution of warm air and reduction of the surface temperature at the outlet grill for warm air, we recommend that the heating system is operated with the Truma warmer running.

Operating the fan

a = Control knob / scale for fan power (1 – 5)

b = Rotary switch / scale for operating modes

A Automatic – The electronics regulate the required fan output and limit the speed to the set value.

0 OFF – Switch off fan.

M Manual – Set the required fan level.

Boost level – Set the fan power to the highest value (for maximum air volume current).

Lighting

The lighting (optional) for the panels is activated by a proximity switch. Touch from above on the middle of the cover. This means that the lighting is switched on for approx. 20 seconds.

Each time the 12 V voltage supply is produced, the sensor electronics calibrate the lighting. This can take several seconds. Do not touch the cover during calibration.

Room thermostat

An average room temperature of approx. 22 °C is achieved with a thermostat setting of approx. 3 without operating the fan. We recommend operation with a fan and a thermostat setting of approx. 4 for comfortable warm air distribution and for reduction of condensation on cold surfaces.

The exact thermostat setting must be established corresponding with the construction type of the vehicle and according to the individual warmth requirement.

The thermostat sensor is on the bottom of the heating system. Please note that the cold draughts caused by refrigerator ventilation, gaps in doors or a high pile carpet can have a negative influence on the thermostat. Such sources of disturbance are to be addressed in all cases otherwise a satisfactory temperature control is not guaranteed.
Switching off

Set the control knob on the heating system to “0” (the auto ignitor is simultaneously switched off).

Switch off fan (set rotary switch to “0”).

If the device has not been used for a longer period of time, close the blocking device in the gas supply line.

Maintenance

Regular inspections and servicing of the heater reduces the energy consumption and guarantee a long service life and problem-free operation. Therefore, a qualified technician should inspect and service the device once a year. If possible, the service should be carried out before the heating period to avoid any malfunctions when the heater is needed.

Always notify the Truma Service Centre or one of our authorised service partners if problems are encountered (see Truma Service book or www.truma.com).

- Despite careful production, the heating system can contain parts with sharp edges, therefore always wear protective gloves for maintenance and cleaning work!
- Observe the ESD-regulations!
  There is a risk of damage to the electronics due to static charge. Only experts may carry out repair work!

Cleaning (only with the device switched off!)

It is recommend to remove the dust that has collected on the heater exchanger, floor plate and on the fan wheel on the Truma warm air system at least once per year at the beginning of the heating season. Carefully clean the fan wheel with a paint brush or small brush.

Remove cover

- Only remove the cover with the heating switched off and cold.

By simultaneously pressing both closure levers (1) outwards, the cover is unlocked. It can be pivoted out and lifted out of the lower bearings.

Battery change on the auto ignitor

If ignition sparks cannot be heard when commissioning or only at intervals of more than one second, the battery needs to be replaced.

Only change the battery with the heating system switched off. Insert a new battery before the beginning of each heating season! Dispose of the old battery correctly!

Only use temperature-resistant (+70 °C), leak-proof mignon batteries (LR 6, AA, AM 3) (part no. 30030-99200); other batteries can cause function faults!

Remove the cover, slide the battery compartment cover up and change the battery. Pay attention to positive / negative. Close the battery compartment again. Put the cover back on.

Specific information

If the vehicle floor is provide with underbody protection, all heating parts found under the body must be covered so that the spray mist does not lead to functional faults. Remove the covers again after finishing work.

Disposal

Dispose of the unit and the battery in the auto ignitor separately as specified in the administrative regulations of the respective country in which it is used. National regulations and laws (in Germany, for example, the End-of-life Vehicle Regulation) must be observed.

In other countries, the relevant regulations must be observed.
**Technical data**

(established according to EN 613 or Truma test conditions)

**S 5004 E**

**Gas type**
Natural gas

**Operating pressure**
20 – 25 mbar (see type plate)

**Rated thermal output**
5000 W

**Connection value**
0.57 m³/h

Additional information according to EN 613

\[ Q_n = 5.4 \text{ kW (Hi)}; C_0; I_{aE}^{+} \]

NOx class 4

Countries of destination
DE, DK, ES, GB, IT, AT, FR

**Operating voltage**
1.5 V (automatic ignition device with battery compartment)

**Current draw**
225 mW (ignite)

**Weight**
approx. 17.5 kg (without fan)

CE product ID number
CE-0085CM0288

---

The right to effect technical modifications is reserved!

---

**S 5004 E NL**

**Gas type**
Natural gas

**Operating pressure**
25 mbar (see type plate)

**Rated thermal output**
4400 W

**Connection value**
0.6 m³/h

Additional information according to EN 613

\[ Q_n = 4.4 \text{ kW (Hi)}; C_0; I_{aL} \]

NOx class 4

Countries of destination
NL

**Operating voltage**
1.5 V (automatic ignition device with battery compartment)

**Current draw**
225 mW (ignite)

**Weight**
approx. 17.5 kg (without fan)

CE product ID number
CE-0085CM0288

---

The right to effect technical modifications is reserved!

---

**Dimensions**

Dimensions in mm with tolerance + 2 mm / - 1 mm

* with chrome decorative strip

** Truma Ultraheat (optional)
Manufacturer’s terms of warranty

1. Case of warranty

The manufacturer grants a warranty for malfunctions in the appliance which are based on material or production faults. In addition to this, the statutory warranty claims against the seller remain valid.

A claim under warranty shall not pertain

– for parts subject to wear and in cases of natural wear and tear,
– as a result of using components in the units that are not original Truma parts,
– for gas pressure regulation systems as a result of damage by foreign substances (e.g. oils, plasticisers) in the gas,
– as a consequence of failure to respect Truma instructions for installation and use,
– as a consequence of improper handling,
– as a consequence of improper transport packing.

2. Scope of warranty

The warranty is valid for malfunctions as stated under item 1, which occur within 24 months after conclusion of the purchase agreement between the seller and the final consumer. The manufacturers will make good such defects by subsequent fulfilment, i.e. at their discretion either by repair or replacement. In the event of manufacturers providing service under warranty, the term of the warranty shall not recommence anew with regard to the repaired or replaced parts; rather, the old warranty period shall continue to run. More extensive claims, in particular claims for compensatory damages by purchasers or third parties, shall be excluded. This does not affect the rules of the product liability law.

The manufacturer shall bear the cost of employing the Truma customer service for the removal of a malfunction under warranty – in particular transportation costs, travelling expenses, job and material costs, as long as the service is carried out in Germany. The warranty does not cover customer service work in other countries.

Additional costs based on complicated removal and installation conditions of the appliance (e.g. removal of furniture or parts of the vehicle body) do not come under warranty.

3. Raising the case of warranty

The manufacturer’s address is:
Truma Gerätetechnik GmbH & Co. KG
Wernher-von-Braun-Straße 12
85640 Putzbrunn, Germany

Always notify the Truma Service Centre or one of our authorised service partners if problems are encountered (see Truma Service book or www.truma.com). Please describe your complaint in detail and state the factory number of the device and the purchase date.

In order for the manufacturer to be able to determine whether an incident subject to guarantee has occurred, the end user must, at his own risk, bring or send the device to the manufacturer. If there is damage to heat exchangers, the gas pressure regulator must also be sent back to the factory.

Air conditioners:
To avoid transportation damage, the unit may only be sent to the Truma Service Centre Germany or one of our authorised service partners if agreed beforehand. Otherwise the sender bears the risk for any transportation damage.

Please send all shipment to the factory as freight. In cases under guarantee, the works shall bear the transport costs or the costs of delivery and return. If the damage is deemed not to be a warranty case, the manufacturer shall notify the customer and shall specify repair costs which shall not be borne by the manufacturer; in this case, the customer shall also bear the shipping costs.
Bei Störungen wenden Sie sich bitte an das Truma Servicezentrum oder an einen unserer autorisierten Servicepartner (siehe Truma Serviceheft oder www.truma.com).

Für eine rasche Bearbeitung halten Sie bitte Gerätetyp und Fabriknummer (siehe Typenschild) bereit.

Always notify the Truma Service Centre or one of our authorised service partners if problems are encountered (see Truma Service book or www.truma.com).

Having the equipment model and the serial number ready (see type plate) will speed up processing.

Veuillez vous adresser au centre de service clientèle de Truma ou à un de nos services après-vente agréés en cas de dysfonctionnements (consultez votre livret de service Truma ou www.truma.com).

Pour un traitement rapide de votre demande, veuillez tenir prêts le type d’appareil et le numéro de fabrication (voir plaque signalétique).

In caso di guasti occorre rivolgersi al centro di assistenza Truma oppure ad uno dei nostri partner autorizzati per l’assistenza (v. libretto di assistenza tecnica Truma o il sito www.truma.com).

Affinché la richiesta possa essere elaborata rapidamente, tenere a portata di mano il modello dell’apparecchio e il numero di matricola (v. targa dati).


Voor een snelle bediening dient u apparaattype en fabrieksnummer (zie typeplaat) gereed te houden.


Hav apparaattype og serienummer (se typeskiltet) klar for hurtig behandling.

Para las averías se tiene que avisar por principio a la Central de servicio Truma o a uno de nuestros socios de servicio autorizados (véase cuaderno de servicio Truma o www.truma.com).

Para un procesamiento rápido, tenga preparado el tipo de aparato y el número de fábrica (véase placa de características).