

Therme Warmwasserbereiter

GB

Operating instructions

To be kept in the vehicle!

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Symbols used



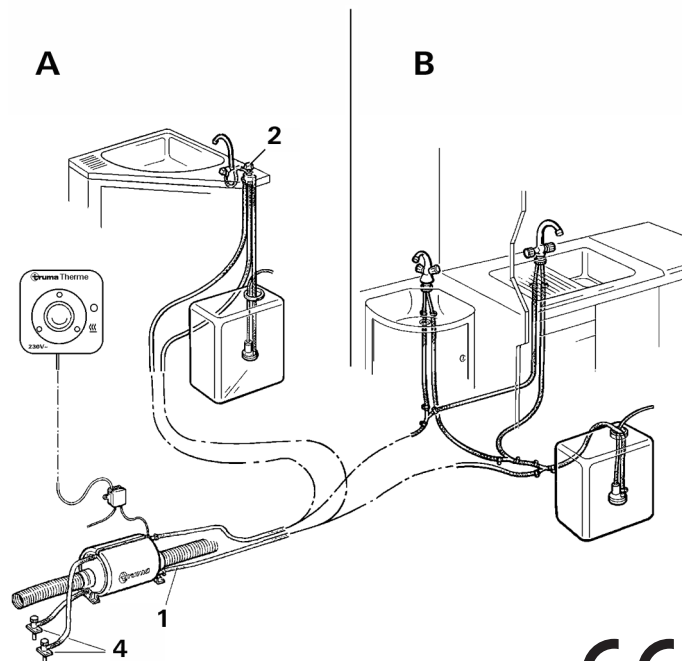
Symbol indicates a possible hazard.



Comment including information and tips

Intended use

The water in the Therme is heated by the hot air of the heating system or by a 230 Volt electric heater element.



Operating instructions

Always observe operating instructions prior to starting!

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

Never operate the Therme electrically without water contents! Don't forget to turn the appliance off when the caravan is not being used! Drain in event of frost! There shall be no guarantee claims for damage caused by frost!

The installer or vehicle owner must affix the yellow sticker with the warning information, which is enclosed with the appliance, to a place in the vehicle where it is clearly visible to all users (e.g. on the wardrobe door)! Ask Truma to send you a sticker, if necessary.

Repair work is only to be carried out by an expert!

i The Therme is designed for pressure-free operation. In order to enable the pressure, which builds up during the heating up procedure, to escape, there is to be no non-return valve installed in the cold water supply (1) between Therme and submersible pump.

When connecting to a central water supply (city mains) or when using stronger pumps, a pressure reduction valve must always be installed to prevent that pressures above 1.2 bar develop in the Therme. In addition, a safety/drain valve (accessory, part no. 70141-10) must be installed into the cold water supply line (1).

Materials in the device which come into contact with water are suitable for use with drinking water (see manufacturer declaration: www.truma.com – Manufacturer Declaration).

Filling the Therme with water

Turn draining and ventilating valves (4) to full extent to close.

With pre-mixing valve

Turn control knob (2) of pre-mixing valve to stop on red symbol (hot).

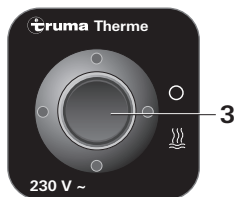
With pre-selecting mixing tap(s)

Open hot water tap with pre-selecting mixing taps or set single lever mixer to "hot".


Leave the tap(s) open to let air escape and let the Therme fill up with water until water flows out of the tap.

Electrical operation

Switch the switch (3) on the control panel to "on". The indicator lamp indicates that the appliance is switched on. The water temperature is regulated at 65 °C by the thermostat.




When using the vehicle switches: refer to operating instructions of the vehicle manufacturer.

 The electrical heating rod is fitted with an excess temperature cut-out. In the event of a fault, switch off at the control panel, wait 5 minutes, then switch on again.

Using the water

The water temperature is mixed according to the position of the pre-selecting mixing tap(s) or premixing valve. Make sure that the water pump is switched off when you have finished using the water.

Draining the Therme

 If the mobile home is not used during periods of frost, it is essential that the Therme be emptied!

1. Interrupt current for water pump (main switch or transformer).
2. Drain water from tank (or remove water pump from tank).
3. Open taps in kitchen and (or) bathroom and set pre-mixing valve(s) – if available – to hot.
4. Turn draining and ventilating valves (4) to full extent to open.
5. Check whether all the water content (5 litres) has completely run out.

There shall be no guarantee claims for damage caused by frost!

Maintenance

The device must be descaled on a regular basis (at least twice a year).

We recommend using suitable commercially available products to clean, sterilise and maintain the Therme. Products containing chlorine are not suitable.

Trouble-shooting list

Fault	Cause	Rectification
Not heating up.	– No operating voltage.	– Restore power supply.
Taking an extremely long time to heat up in 230 V operation	– Heating element furred.	– Descale water system (see maintenance).

If this does not solve the problem, please contact the Truma Service.

Technical data

determined in accordance with Truma test conditions

Water content

5 litres

Operating pressure

max. 1.2 bar (only use pump without non-return valve)

Power supply

230 V ~, 50 Hz

Power consumption

1.3 A (300 W)

Thermal cut-out

65 °C

Over-temperature protection

85 °C

Heating time from approx. 15 °C to approx. 60 °C

approx. 50 minutes

Weight (without contents)

2 kg complete with drain and venting valves

Dimensions

length 37 cm, height 23 cm, width 22 cm

Conformity Declaration

The Therme complies with the requirements of EN 60335, EMC directive 89/336/EEC, low voltage directive 73/23/EEC and the associated standards and technical specifications, and is therefore entitled to bear the CE symbol.

The right to effect technical modifications is reserved!

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. Making a claim under the warranty

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

Should problems occur, please contact the Truma Service Centre or one of our authorised service partners (see www.truma.com). Please describe your claim in detail and state the serial number of the unit and the date of purchase.

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.

- E** Las instrucciones de uso y montaje en su idioma pueden ser solicitadas al fabricante Truma o al servicio Truma de su país.
- FIN** Käyttö- ja asennusohjeita on saatavissa Trumavalmistajalta tai Truma huollosta.
- N** Bruksanvisningen og monteringsveiledningen på ditt språk kan fås hos produsenten Truma eller hos Truma Service i ditt land.
- CZ** Návod k použití a montážní návod si lze v řeči Vaší země vyžádat u výrobce Truma nebo servisu Truma ve Vaší zemi.
- PL** Instrukcji użytkowania i montażu w Państwa języku narodowym można zażądać u producenta firmy Truma lub w serwisie firmy Truma w Państwa kraju.
- SLO** Navodilo za uporabo in vgradnjo v svojem državnem jeziku lahko naročite pri proizvajalcu Truma ali pri servisni službi Truma v vaši državi.

D Bei Störungen wenden Sie sich bitte an das Truma Servicezentrum oder an einen unserer autorisierten Servicepartner (siehe www.truma.com).

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

GB Should problems occur, please contact the Truma Service Centre or one of our authorised service partners (see www.truma.com).

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

F Veuillez vous adresser au centre de SAV Truma ou à un de nos partenaires de SAV agréés en cas de dysfonctionnements (voir www.truma.com).

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

I In caso di guasti rivolgersi al centro di assistenza Truma o a un nostro partner di assistenza autorizzato (consultare 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 (vedere targa dati).

NL Bij storingen kunt u contact opnemen met het Truma Servicecentrum of met een van onze erkende servicepartners (zie www.truma.com).

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

DK Ved fejl kontaktes Trumas serviceafdeling eller en af vores autoriserede servicepartnere (se www.truma.com).

Sørg for at have oplysninger om apparattype og serienummer (se typeskiltet) klar for hurtig behandling.

S Vid fel kontakta Truma servicecenter eller någon av våra auktoriserade servicepartner (se www.truma.com).

För snabb handläggning bör du ha aggregatets typ och serienummer (se typskylten) till hands.

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