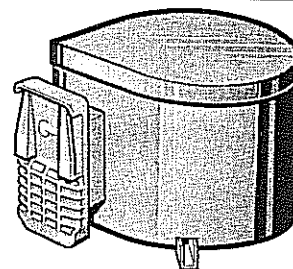




# Boiler

Gas and Electric  
Storage Water Heater  
Model BOA



**Operating instructions**  
**Installation instructions**  
**To be kept in the vehicle!**

Truma  
Gerätetechnik GmbH & Co  
Postfach 1252  
D-85637 Putzbrunn

Electrolux Leisure Pty. Ltd  
6 Treforest Drive,  
Clayton, Victoria 3168

## Service (Europe)

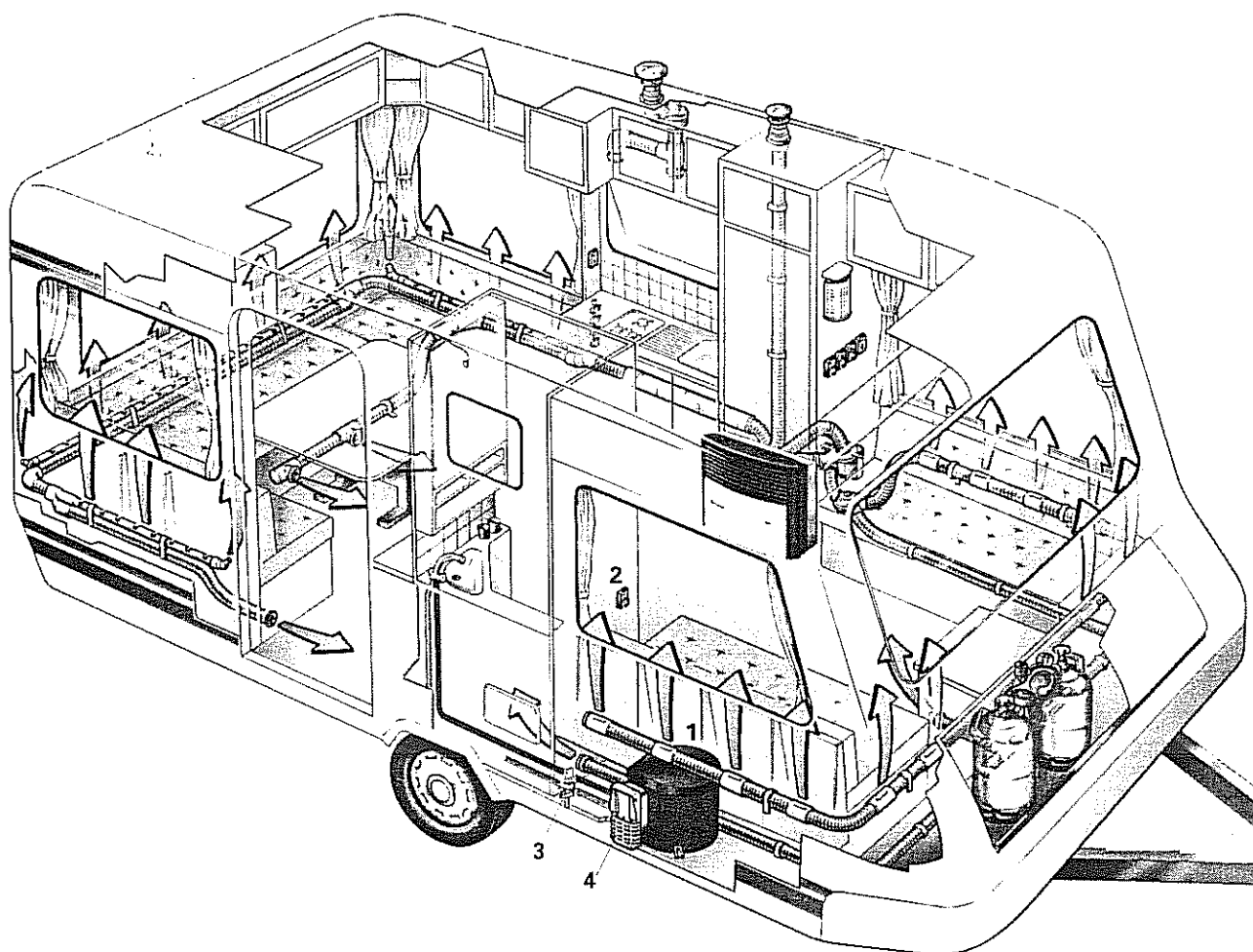
Telefon +49 (0) 89 46 17-142  
Telefax +49 (0) 89 46 17-159

## Service (Australia)

Telephone: (03) 9545 5655  
Facsimile: (03) 9545 5966

# Boiler

Gas and Electric  
Storage Water Heater  
Model BOA



## Installation example

- 1 Truma-Boiler
- 2 Control panel
- 3 Safety/drain valve
- 4 Cowl for combustion air intake and exhaust gas discharge

## Truma-Boiler

liquid gas storage  
water heater with  
additional electric  
heating 230 V

## Operating instructions

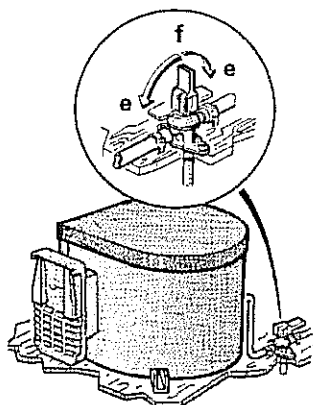
**Always observe the operating instructions prior to starting!** The vehicle owner is responsible for the correct operation of the appliance.

The installer or vehicle owner must apply 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 stickers, if necessary.

**Attention:** Always mount the cowl cap when the water heater is not being operated! Drain the water heater if there is a risk of frost! **There shall be no claims under guarantee for damaged caused by frost!**

If connecting to a central water supply (rural or city connection) or when using more powerful pumps, a pressure reducer must be used which prevents pressures of greater than 2.8 bar occurring in the Boiler.

## Safety/drain valve



e = Lever position  
"Closed"  
f = Lever position  
"Drain"

## Filling the Truma-Boiler with water

1. Check that the safety/ drain valve in the cold water intake is closed: Lever should be in horizontal position, position (e).

2. Open hot tap in bathroom or kitchen, with pre-selecting mixing taps or single-lever fittings set to "hot".

3. Switch on power for water pump (main switch or pump switch).

Leave the tap open to let air escape while the water heater is filling. The heater is filled when water flows out of the tap.

Residues of frozen water can prevent filling if there is a frost. The water heater can be defrosted by switching on the heater for a short period (max. 2 minutes). Frozen pipes can be defrosted by heating the room.

**Note:** If just the cold water system is being used, without water heater, the heater tank is also filled up with water. In order to avoid damage through frost, the water contents must be drained by actuating the safety/ drain valve, also when the heater has not been used. As an alternative, a shut-off valve can be installed upstream of the cold and hot water connection.

## Draining the water heater

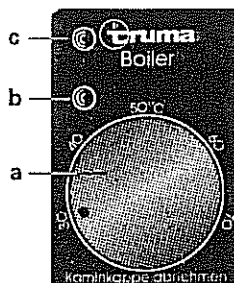
1. Disconnect power for water pump (main switch or pump switch).

2. Open hot water taps in bathroom and kitchen.

3. Open safety/drain valve: Lever in vertical position, position (f).

4. The water heater is now drained directly to the outside via the safety/drain valve. Check that the water contents have been completely drained (10 or 14 litres).

## Gas operation



a = Rotary control knob  
On/Off and temperature control  
b = Green indicator lamp  
"Operation"  
c = Red indicator lamp  
"Failure"

## Gas operating instructions

**Attention:** Never operate the water heater without water in it!

If the wall cowl is positioned close to an opening window (or hatch) - in particular directly under it - it must remain closed when the water heater is in use (see warning plate).

1. Remove cowl cover.
2. Open gas cylinder and open quick-acting valve in the gas supply line.
3. Select required water temperature at rotary knob (b) infinitely variable from approx. 30° to 70°C.
4. Switch on water heater at the slide switch (a) on the control panel, green indicator lamp "Operation" lights up.
5. If there is air in the gas supply line, it may take up to a minute before the gas is available for combustion. If the appliance switches to "Failure" during this period, switch off the appliance - wait 5 minutes - and switch on again!

## Switching off (gas operation)

Switch off the water heater at the slide switch (a).

## Drain the water heater if there is a risk of frost!

If the water heater is not to be used for a longer period, mount cowl cover (non-observance of this point can lead to the function of the appliance being impaired through water, dirt or insects), close quick-acting valve in the gas supply line and close the gas cylinder.

**There shall be no claim under guarantee if this point is not observed. Always remove the cowl cover prior to operating the water heater!**

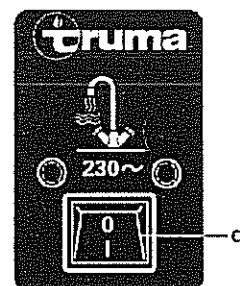
## Red indicator lamp "Failure"

The red indicator lamp (c) lights up if there is a failure.

The reason for such an indication is, for example, no gas available or air in the gas supply system, triggering of the excess temperature monitor etc. To unlock, switch off the appliance, wait 5 minutes, and switch on again.

In event of faults, always contact the Truma Service (please refer to page 9)

## Electrical operation 230 V, 450 W (Option)



d = Switch On/Off

## When using the vehicle switches

Refer to operating instructions of the vehicle manufacturer or see switch labels.

## Electrical operating instructions

**Attention:** Never operate the water heater without water in it!

Switch the switch (d) on the control panel to „On“. The indicator lamp indicates that the electrical water heating is switched on.

**Note:** The water temperature cannot be selected, automatic temperature limitation at approx. 70°C! For a faster heating up period the appliance can be simultaneously operated with gas and electrical power.

## Servicing

Use wine vinegar for de-scaling the water heater, this being introduced into the appliance via the water supply. Allow the product to react and then thoroughly flush out the appliance with plenty of fresh water. To sterilise the water we recommend "Certisol-Argento". Other products, particularly those containing chlorine are unsuitable.

**Note:** The water tank in the Truma-Boiler is of high quality food-proof stainless steel VA. The plastic elbow water connections and the safety/drain valve fulfil the EC guideline for food quality in plastic parts (90/128/EEC).

However, in order to avoid the colonization of microorganisms, we recommend heating up the tank to 70°C at regular intervals and not using the water as drinking water.

## Fuses

The water heater fuse is on the electronic control unit on the water heater.

**Important note:** Only replace the miniature Fuse on the p.c.b. with a fuse of the same type: 1,25 AT EN 60127-2-3 (slow action).

If there is a defect in the electronics, return the control p.c.b. well padded. If you fail to pack it correctly the guarantee shall no longer be valid.

Only use original Truma-Boiler control p.c.b.'s as spare parts!

## General safety notes

**In event of leaks in the gas system or if there is a smell of gas:**

- extinguish all naked flames!
- do not smoke!
- switch off all appliances!
- shut off the gas cylinder!
- open the windows and doors!
- do not actuate any electrical switches!
- have the entire system checked by an expert!



**Repairs may only be carried out by an expert.**

1. Any alteration to the appliance (including cow!) or the use of spare parts and accessories which are important for

the functioning of the heater and which are not original Truma parts, as well as the non-observance of the installation and operating instructions, shall lead to the cancelling of the guarantee and exclusion of liability claims. It also becomes illegal to use the appliance, and in some countries this even makes it illegal to use the vehicle.

2. The operating pressure for the gas supply is 2.75 kPa (propane) and must correspond to the operating pressure of the appliance (see data plate).

3. In Germany only LPG systems must comply with the DVGW form G 607.

**The gas system must be tested every 2 years** by a liquid gas expert (DVGW, TÜV, DEKRA). This inspection must be confirmed on the test certificate in accordance with the DVGW-form G 607. **The vehicle owner is always responsible for arranging the inspection.**

4. In other countries, the respectively valid regulations must be observed. For your own safety it is absolutely necessary to have the complete gas installation regularly checked by an expert (at least every 2 years).

5. Do not operate the water heater when refuelling the vehicle and when in the garage.

6. During the initial operation of a brand new appliance (or after it has not been used for some time), a slight amount of fumes and a slight smell may be noticed for a short while. Remedial action here is to immediately run the heater and to ensure adequate room ventilation.

7. If the burner makes an unusual noise or if the flame lifts off, it is likely that the regulator is faulty and it is essential to have it checked.

For the gas system only gas pressure regulators with protection against excess pressure, such as regulators with safety valves according to DIN 4811 and VP 306, may be used. We recommend the Truma DUB vehicle regulator or in the case of a two cylinder gas installation that is only accessible from the outside, the Truma Triomatic or Duomatic automatic reserve switch-over. The Truma regulators have been specially designed for heavy duty use in caravans, boats and vehicles.

In addition to a safety valve for countering excess pressure, they also have a pressure gauge with which you can check that the installation is fully gas tight.

Always connect the pressure regulators to the gas cylinders by hand, using great care! For temperatures around 0°C and below, the regulators should be operated with a defroster system (Eis-Ex). Inspect regulator connection hoses regularly for signs of weakness. For winter operation only use special frost-resistant hoses. Gas cylinders must always stand upright!

## Technical data

**Water contents:**

10 or 14 litres

**Water pressure:**

up to max. 350 kPa

**Type of gas:**

Liquid gas (propane)

**Test point pressure:**

2.75 kPa

**Nominal input:**

5.0 MJ/h

**Heat output:**

1.5 kW

**Gas consumption:** 120 g/h

**Injector size:** 0.70 mm

**Heating time**

**up to approx. 70°C**

Gas operation: approx. 35 min.

electrical operation:

approx. 70 min.

Gas and electrical operation:

approx. 20 min.

**Power consumption 12 V**

Ignition: 0.17 A

Heating up: 0.08 A

Standby: 0.04 A

**Power consumption 230 V**

Heating up: (2 A) 450 W

**Weight (empty):**

approx.: 6.7 kg

**Declaration of conformity:**

The Truma-Boiler model has been tested and approved through the DVGW and fulfils the EC gas appliance guidelines (90/396/EEC) as well as the associated EC guidelines. The **CE product number** is available for EU countries: CE-0085AP0038

**AGA Approval-No:**  
5801

## **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.

The warranty claim is not valid for damage to the appliance

- as a result of not original Truma parts being used in the appliance and as a result of unsuitable gas pressure regulators being used,
- as a result of non-compliance with the installation instructions and instructions for use,
- as a result of incorrect handling,
- as a result of incorrect packaging for transportation.

### **2. Scope of warranty**

The warranty is valid for malfunctions as stated under item 1, which occur within 12 months after conclusion of the purchase agreement between the seller and the final consumer. The manufacturer shall rectify such malfunctions by way of repair, however, the manufacturer also reserves the right to supply a replacement instead of repairing said malfunctions. Claims for indirect damage or consequential damage shall be rejected. 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. Customer service carried out abroad is not covered by the warranty.

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**

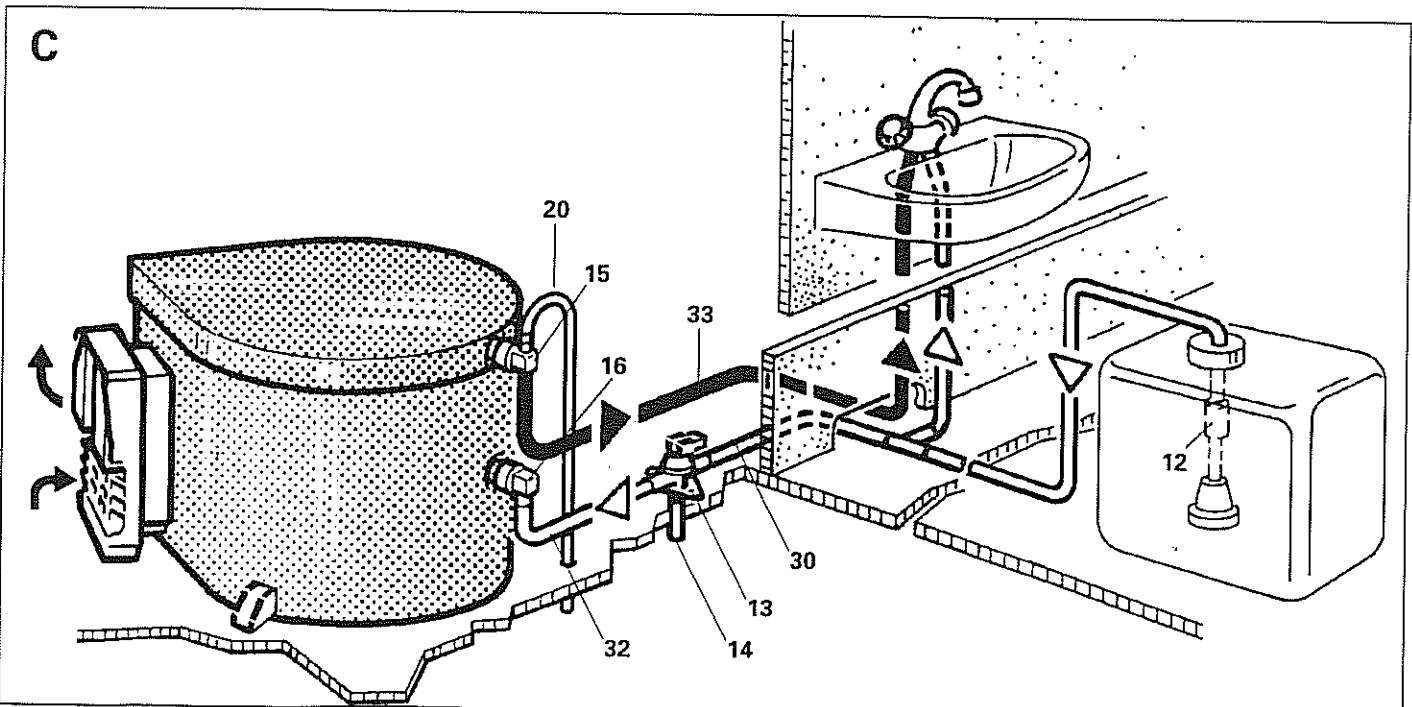
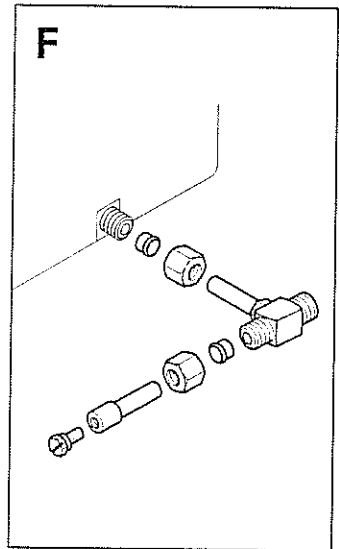
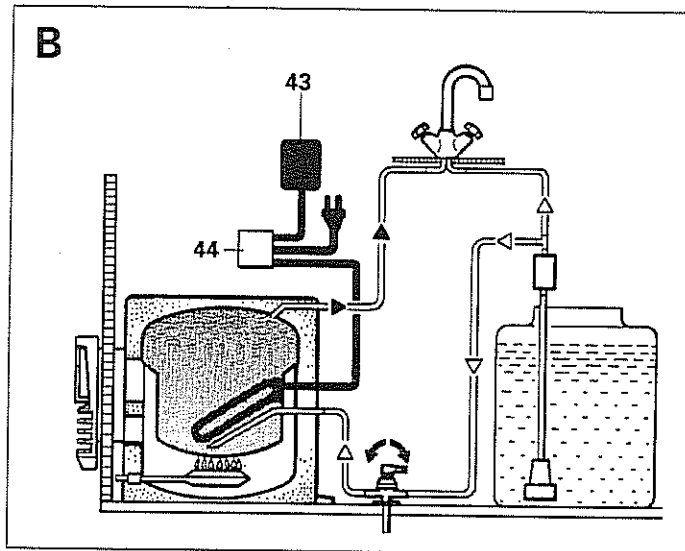
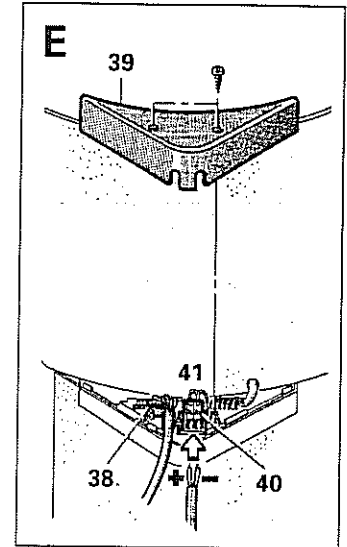
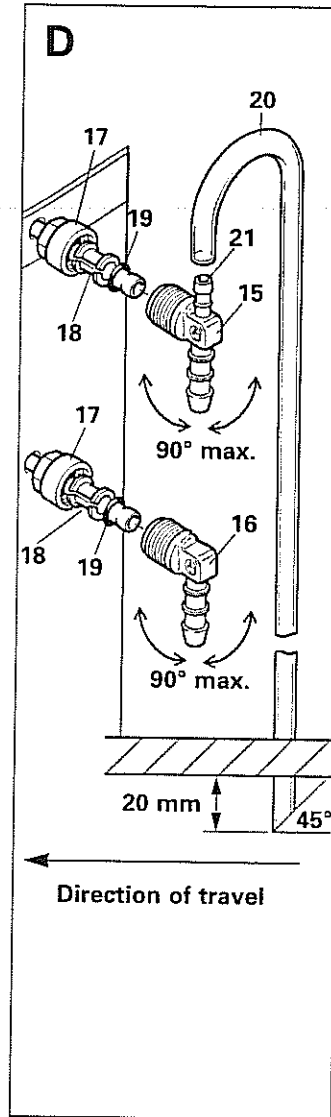
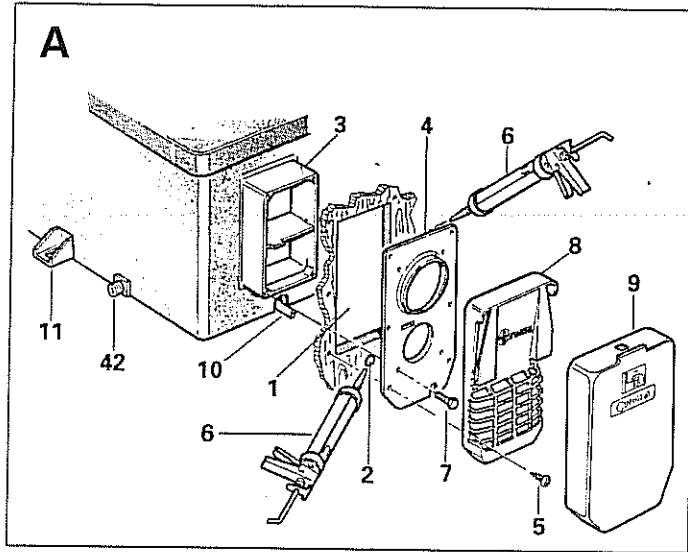
In Germany, the Truma Service Center in Putzbrunn/Munich must always be contacted in event of a malfunction; Abroad, respective service partners are available (refer to address list). Complaints must be specified. In addition, the correctly completed warranty certificate must be presented or the Serial number of the appliance and the date of purchase specified.

If the appliance is sent back to the factory, the manufacturer shall check whether it is a case of warranty. If there is damage to heaters (heat exchangers), the gas pressure regulator must also be sent back to the factory.

When returning the appliance to the factory, the delivery is - in normal cases - to be by freight. If it is a case of warranty, the factory shall bear the cost for the delivery to the factory and the cost for returning the appliance to the customer. 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.

# Boiler

Gas and electric  
storage water heater



## Installation instructions

**This appliance must be installed by an authorised person.**

This appliance shall be installed in accordance with the manufacturer's installation instructions, local gas fitting regulations, municipal building codes, AG 601 and any other relevant statutory regulations.

### Data Label

the data label is located on the top of the water heater.

This appliance is suitable for propane gas only, ensure that the available gas supply is suitable.

### Intended use

This appliance has been designed for the installation in caravans, mobile homes and other vehicles. It is not approved for installation in boats. Other forms of use are also possible following consultation with Truma.

**Information regarding boats:** For installation in boats Truma supplies the DVGW-tested boat water heater.

### Regulations

Any alteration to the appliance (including cowl) or the use of spare parts and accessories which are important for the functioning of the heater and which are not original Truma parts, as well as the non-observance of the installation and operating instructions, shall lead to the cancelling of the guarantee and exclusion of liability claims. It also becomes illegal to use the appliance, and in some countries this even makes it illegal to use the vehicle.

The operating pressure for the gas supply is 2.75 kPa (propane) and must correspond to the operating pressure of the appliance (see data plate).

When installing the appliance always observe the technical and administrative rules and regulations of the country in which the vehicle is to be registered, for the first time!

In Germany, for example, gas appliances, cylinder mounting, duct routing as well as the approval and leak test must comply with the DVGW form G 607 for liquid gas systems in vehicles.

Ask for more details concerning regulations in the respective countries from our agencies abroad (see page 9).

## 1 Choice of location

1. Always install the appliance in such a way that it is easily accessible for service work at all times and can be easily removed and installed.

2. Locate the heater in such a way that the cowl can be mounted on the outside on a surface which is as straight and smooth as possible.

This outside surface must be exposed to wind from all directions and, if possible, there should be no trim strips or covers in this area, mount heater on an appropriate base, if necessary.

The Cowl must be placed in such a way that the exhaust gas cannot find its way into the vehicle interior. For this reason, choose a location where there are no opening windows, skylights or ventilation openings directly above the cowl or for 30 cm on either side. If this is not possible, a warning plate must be placed on the inside of the window (or skylight) stating that it must be kept closed while the heater is operating. In this case refrigerator ventilations must be tight-sealed from the interior of the vehicle.

## 2 Installation of the water heater

1. Position template for cowl opening on the inside of the wall.

A = bottom edge of heater

B = lateral edge of heater

Drill 4 holes (C) with 10 mm dia. through the wall. Drill hole (E) with 15 mm dia. for condensation pipe (also possible from the outside = F).

2. Position template on the outside of the wall. The markings (C) must be above the through-holes. Saw cut-out section for cowl (D) 92 x 168 mm.

If the distance between outside wall and heater is more than 35 mm you must use the cowl extension VBO 2 (Art. no. 70131-00) with an additional length of 50 mm. Saw out 100 x 176 mm along the dashed line.

If there are any cavities in the area of the cowl (Fig. A: 1), pack these with pieces of wood so as to be able to tighten the screws.

Cut out trim strips or such on the vehicle or place supports beneath them so as to make the cowl lie flat.

Place a support beneath the heater if the walls are sloping. An angle of inclination of 10 degrees is not to be exceeded.

**3. Fig. A:** Insert heater with cowl body (3) through the cowl opening (1), allow approx. 5 mm to project out of the wall. Mount sealing frame (4) (the anti-torsion device ensures correct fitting!). Pre-drill holes for the 6 fastening bolts (5).

4. Remove sealing frame (4) and coat with plastic sealant (6) on the side facing the vehicle - do not use silicone!

**Attention:** The sealing frame must be well sealed with respect to the front sides and the cross bars of the cowl body (3) as well as towards the outside wall!

5. Fasten sealing frame (4) to the cowl body using 4 self-cutting screws (7). Press the plastic caps onto the screw heads.

6. Seal the gap between the hole (2) and the condensation tube (10) with plastic sealant (6) - do not use silicone!

7. Mount the grille (8). Press the entire cowl assembly onto the vehicle wall and fasten with 6 screws (5).

8. Securely fasten heater to the vehicle floor at at least 2 connecting straps (11).

## 3 Water connection

The water heater and the safety/drain valve are equipped with connections for flexible hoses (food-safe, pressure resistant up to 350 kPa) of 10 mm internal diameter in order to connect the water heater safely without bends or kinks.

All pressure and submergible pumps up to 280 kPa are used for operating the water heater and all mixing combination sets with or without an electrical switch.

**Figure C:** When using submergible pumps, a non-return valve (12) (Art. no. 70000-03300) must be installed up-

stream of the first branch in order to prevent backflow. This is not required when using pressure pumps with built-in non-return valves.

**Note:** For semi rigid pipe routing (e.g. John Guest System) Truma can provide the water connectors (15 + 16), the safety/drain valve (13) and a non-return valve (12) with a straight 10 mm diameter tap connector as special accessories.

If connecting to a central water supply (rural or city connection) or when using more-powerful pumps, a pressure reducer must be used which prevents pressures of greater than 280 kPa occurring in the boiler.

**Warning:** Route the water hoses so that they are as short and free of kinks as possible. All hose connections must be secured using hose clamps (also for cold water)! Pressures of up to 350 kPa can occur in the safety/drain valve (also in submergible pumps) because of the heat of the water and the resulting expansion.

Hose clips (Art. no. 40710-00) are recommended for attaching the hoses to the wall or the floor. If gas heating has been installed, the water hoses and the hose clips can be laid on the hot air pipes, which prevents frost.

**Warning:** In order to guarantee that the Boiler is completely empty, the enclosed elbow with breather valve (figure C: 15) must be used for the hot water connection!

**All hot water pipes should be routed in a descending manner to the safety/drain valve! Otherwise no guarantee of protection from frost!**

### Installation of safety/drain valve

**Fig. C:** Install safety/drain valve (13) at a place which is easily accessible, near the water heater. Drill hole with 18 mm diameter and pass through discharge socket with hose (14). Fasten safety/drain valve with 2 screws. The draining is to be directly to the outside at a position protected against splash water (apply splash guard, if necessary).

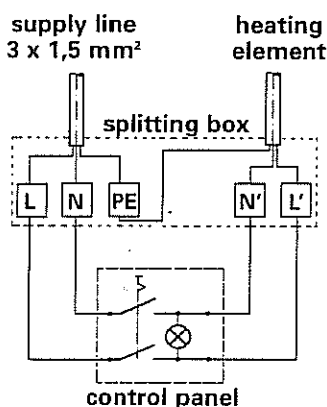
floor or on the wall, in the vicinity of the appliance (observe cable length 90 cm!).

send you stickers, if necessary.

### Conection 230 V with specific vehicle or manufacturer control panels

Connect control panel cable, 230 V cable and heating element cable as shown in the drawing.

Cables must be in accordance with the technical rules and regulations of the country in which the vehicle is to be registered, for the first time (e.g. in Germany VDE 0100, section 721).



## 9 Function check

After installation, check gas supply line for leaks in accordance with the pressure drop method. Following this, check the function of the appliance as specified in the operating instructions, check the function of the draining of the water contents, in particular. **There shall be no claims under guarantee for damage caused by frost!**

**Never operate the water heater without water contents.** It is, however, possible to briefly check the electrical function without water contents. Always observe the operating instructions prior to operation!

The operating instructions and completed guarantee card are to be given to the owner of the vehicle.

## 10 Warning information

The installer or vehicle owner must apply 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



1. **Figure C:** Connect cold water supply (30) to safety/drain valve (13). Direction of flow is unimportant.

2. **Figure D:** Screw elbow with integrated breather valve (15) to hot water connection pipe (upper pipe) and elbow without breather valve (16) to cold water connecting pipe (lower pipe).

Slide on nut (17), tension ring (18) and O-ring (19). Assemble screw connector and connecting pipe and fasten together using nut (17).

Slide ventilation hose with 11 mm outer diameter (20) onto the breather valve hose nozzle (21) and route towards the outside. Do not allow the radius of the arc to be less than 40 mm.

Cut off the ventilation hose approx. 20 mm below the floor of the vehicle at an angle of 45° to the direction of travel.

3. **Figure C:** Produce hose connection (32) for cold water supply between safety/drain valve and elbow (lower pipe) on water heater.

4. Route the hot water pipe (33) from the elbow with integrated breather valve (15 - upper pipe) to the hot water consumers.

#### 4 Installation of the control panel (gas operation)

Choose a place where the control panel is not exposed to direct radiant heat.

Length of connecting cable: 2.5 m.

A 5-meter long extension cable is available, if necessary (Art. no. 70000-53500).

Pass control panel cable through the cable binder on the back of control panel. Connect cable to the control panel and tighten cable binder as strain relief.

Fasten control panel using 2 screws and route the cable to the water heater.

**Note:** Depending on the installation, the routing of the control panel cable can be done in the other way. This means first connect to the water heater and then route to the control panel.

#### Electrical connection 12 V

**Always disconnect the appliance from the power supply prior to working on electrical components. It is not sufficient to just switch off at the control panel!**

The appliance must be disconnected from the vehicle main power supply when carrying out any electric welding work on the vehicle body.

**Attention: If the connections are transposed there is a risk of cable burning. This also rules out any guarantee or liability claims.**

**Fig E:** Unscrew cover (39) from the electronic control unit. Slide cable connector of control panel (38) onto the p.c.b.. The electrical connection is made at terminal (40) (red = positive, blue = negative), for this purpose press with a small screwdriver from above and push in cable from the front. Connect to fused vehicle mains (central electrical equipment 5 - 10 A) using a 2 x 1.5 mm<sup>2</sup> cable.

Negative cable to central earth. With lengths of over 6 m use a cable 2 x 2.5 mm<sup>2</sup>. If connecting directly to the battery, the positive and negative cable must be fused. Screw cover (39) back on.

There are to be no other consumers connected to the supply line!

The water heater fuse, 1.25 A EN 60127-2-3 (slow-acting) is on the p.c.b. (41).

When using power packs, observe that the appliance is only to be operated with safety extra-low voltage according to EN 60742!

**Note:** For the connection of several 12 V appliances we recommend the electronically controlled Truma power pack NT (Art. no. 39900-01). The Truma power pack (6 A continuous current) is also suitable for charging lead batteries. Other charging devices are only to be used with a car battery acting as buffer. Power packs and power supply units must have a stabilised 12 V-output (ripple content less than 1 Volt).

#### Gas connection

**Fig. F:** A 1/4" BSP female iron gas inlet connection is provided with the appliance.

Check for gas leaks (do not check for gas leaks with a naked flame), then check that the gas pressure is as follows:

Propane gas: 2.75 kPa

Before connecting to the water heater make sure that the gas lines are free from dirt, chips and such!

Route the pipes in such a way that the appliance can be removed again for servicing.

In areas frequented by people, keep the number of parting connections in the gas supply line to a technically feasible minimum.

The gas system must comply with the technical and administrative regulations of the country in which the appliance is used (in Germany, for example, the DVGW form G 607).

#### 7 Installation of the control panel (electrical operation)

##### Truma control panel

**Fig. E:** When selecting the place of location, always make sure that the control panel (43) is not exposed to direct heat radiation.

Drill a hole with 8 mm diameter for leading through the cable and pass the cable through the hole. Fasten control panel with the two screws and route the cable to the appliance.

##### When using specific vehicle or manufacturer control panels

The switch must be in accordance with our technical specifications.

The installer (manufacturer) is responsible for providing operating instructions for the user and for clearly identifying the control panel.

**Attention:** Any alteration to the supplied Truma parts, as well as the non-observance of the respective fitting and operating instructions, shall invalidate the guarantee and

exclude liability claims. It also becomes illegal to use the appliance!

Guarantee claims are to be sent directly to the control panel (wall switch) manufacturer.

The installer (manufacturer) is responsible for keeping to these specifications.

#### 8 Electrical connection 230 V

**Attention:** The electrical connection is only to be carried out by an expert (in Germany, acc. to VDE 0100, Section 721). The information given here is not intended as information for the layman, rather it is to assist the assigned expert, as additional information, when connecting the appliance!

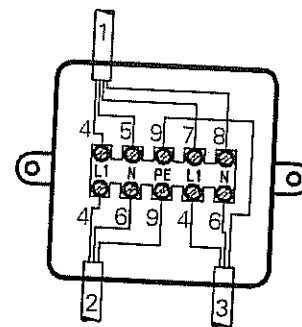
The connection to the power supply is by means of a cable 3 x 1.5 mm<sup>2</sup> (e.g. flexible sheathed cable H05VV-F) to a splitting box (not included in scope of delivery).

Always pay attention to connect carefully with the correct colours!

For maintenance and repair work a disconnecting device must be provided on the vehicle for all-pole disconnection from the power supply, with at least 3 mm contact clearance.

##### Connection 230 V with Truma control panel

1. Connect control panel cable, 230 V cable and heating element cable as shown in the drawing.



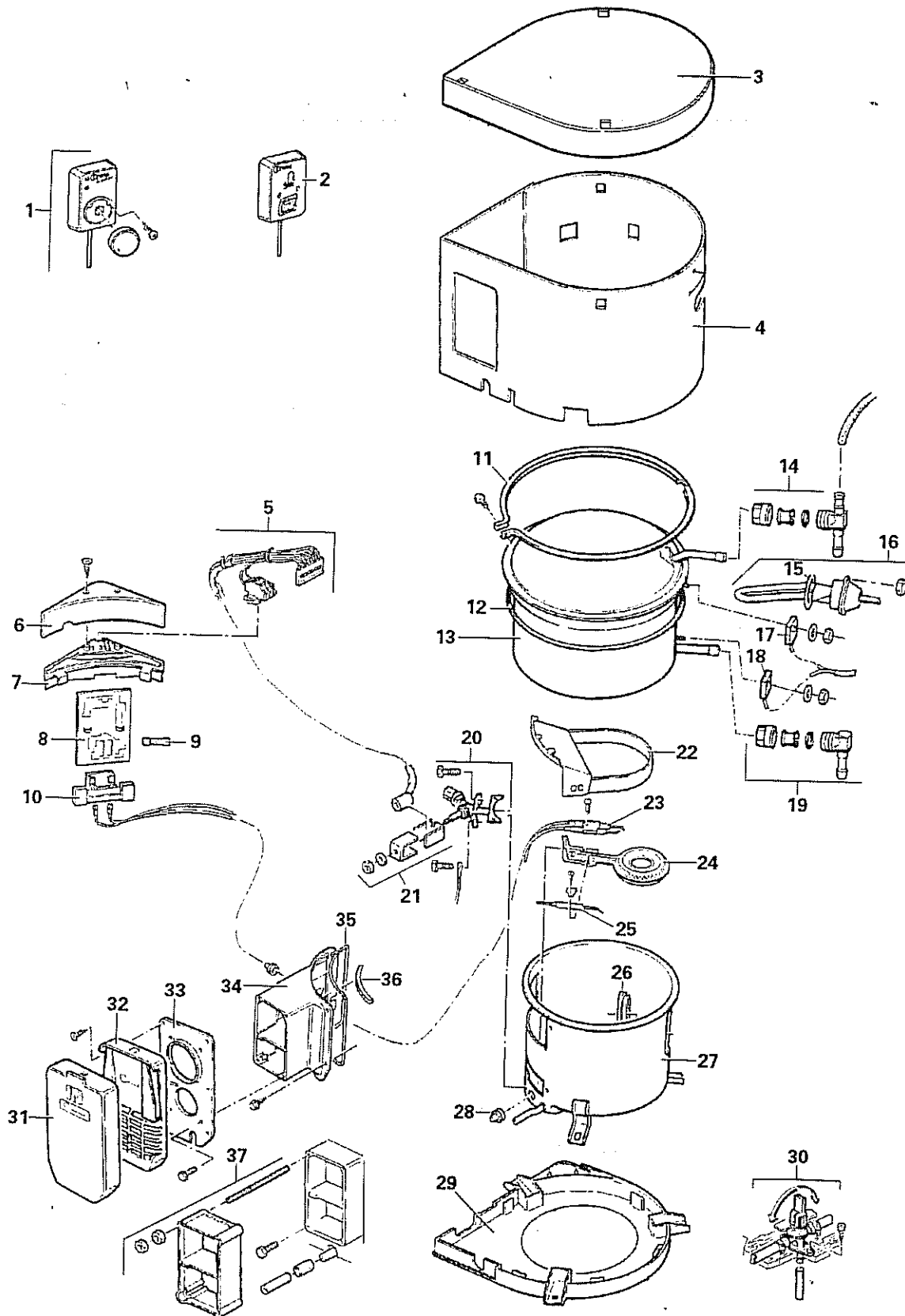
- 1 = Control panel cable
- 2 = Supply line 3 x 1,5 mm<sup>2</sup>
- 3 = Heating element cable
- 4 = brown
- 5 = green
- 6 = blue
- 7 = yellow
- 8 = white
- 9 = yellow/green

2. Assemble the splitting box (**Fig. B: 44**) on the vehicle

# Boiler

Gas and Electric  
Storage Water Heater

Truma-Boiler  
Model BOA.06.99



When ordering spare-parts , please always specify the fabrication number and year of make

# International Service

**Australia:** Electrolux Leisure Pty.  
Ltd., Victoria, Tel. (03) 95 45 56 55

**Austria:** Globus Mobil Park,  
Wörschach, Tel. (0 36 82) 2 41 60

Caravan Hofer, 1030 Wien,  
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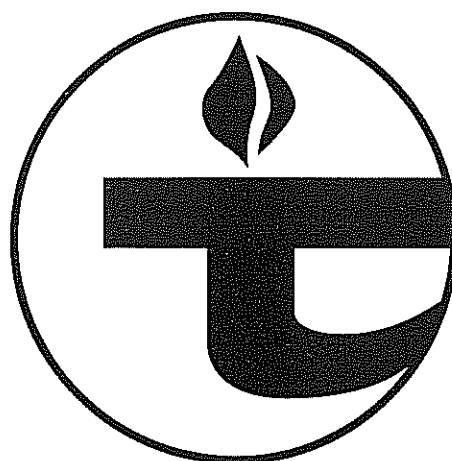
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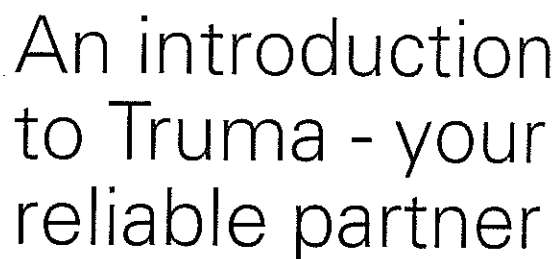
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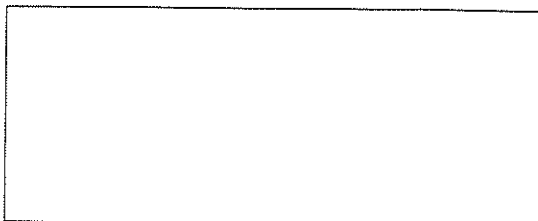
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