

– Heating with **drained** water system

Select gas or electrical operation using the power selector switch. Illumination of the yellow LED (g) on the power selector switch indicates that the unit is operating with 230 V.

Move rotary switch on control panel to operating position (m).

Turn the rotary switch (h) to the desired thermostat setting (1 – 5). The green LED (k) for operation is lit and simultaneously indicates the position of the selected room temperature. The yellow LED (p) will be lit only when the temperature of the unit is below 5 °C!

Depending on the operating mode, the unit will automatically select the required power level according to the temperature difference between the setting on the control panel and the current room temperature. Once the room temperature selected on the control panel has been reached, the heater switches off. The warm air fan continues to run at slow speed until the outgoing air temperature (on the unit) has fallen to 40 °C or less.

Switching off

Switch off heater at control panel using rotary switch (position o). The green LED (k) goes off.

i If the green LED (k) blinks after switching off, then the unit's after-running is active in order to reduce the unit's temperature. This will end after a few minutes and the green LED (k) will go off.

Always drain water contents if there is a risk of frost!

If the appliance is not to be used for a prolonged period, close the quick-acting valve in the gas supply line and turn off the gas cylinder.

Gas operation fault

If a fault occurs during gas operation the red LED (r) on the control panel illuminates.

Please consult the Trouble-Shooting list for possible causes.

A reset (fault reset) is carried out by switching off, waiting until all LED's on the control panel have stopped flashing, and then switching the heater on again.

i If a window to which a window switch has been fitted is opened, the heater stops operating and the red LED (r) flashes. The heater continues operating when the window is closed.

Electrical operation fault

If a fault occurs during electrical operation the yellow indicator lamp (g) on the power selector switch goes off.

Possible causes can be found in the troubleshooting list.

i If the 230 V power supply is interrupted for just a brief period of approximately 1 second during operation, the heater will subsequently resume as normal.

Maintenance

Only original Truma parts may be used for maintenance and repair work!

We recommend the Truma system care set for cleaning, disinfecting and looking after the boiler. Other products – in particular products containing chlorine – are unsuitable.

The effectiveness of the use of chemicals to combat microorganisms in the unit can be increased by heating the water in the boiler to 70 °C at regular intervals.

Move power selector switch to gas operation (d) to do this.

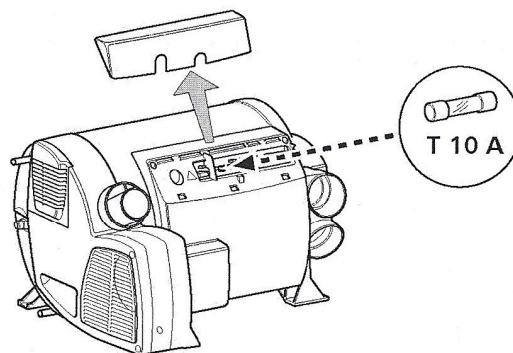
Move the rotary switch on the control panel to position (l – summer operation) 60 °C. The green (k) and yellow (p) LEDs light up.

i Once the water in the boiler has reached a temperature of 60 °C, the burner will switch off and the yellow LED (p) will go out. The unit must stay switched on for at least 30 minutes and no warm water may be removed. The residual heat in the heat exchanger will heat the water up to 70 °C.

Fuses 12 V

The fuse is in the electronics beneath the connection cover. Replace the unit's fuse only with an identical fuse.

Device fuse: 10 A – slow – (T 10 A)



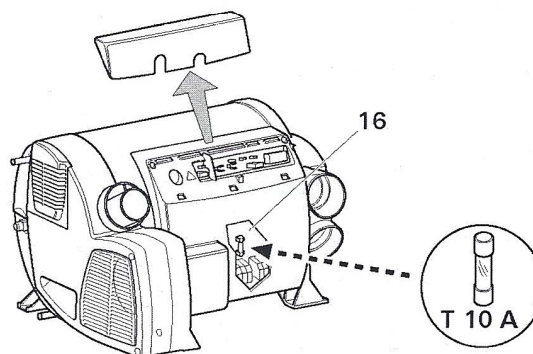
Fuses 230 V

The fuse and the power supply lines must only be replaced by an expert!

! The unit must be disconnected from the mains (all poles) before opening the electronic housing lid.

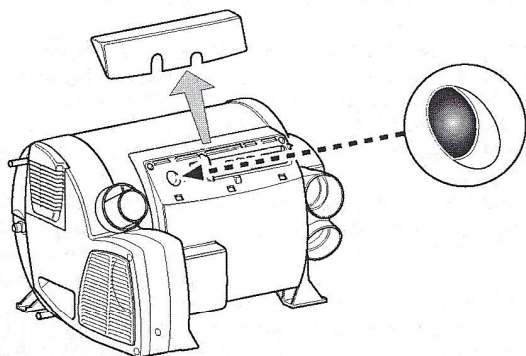
The fuse is in the power electronics (16) beneath the electronic housing lid.

This fine fuse must always be replaced with a fuse of the same type: 10 A, slow, interrupting capacity "H".



Overheating protection 230 V

The 230 V heating facility has a mechanical overheating switch. If the 12 V power supply is interrupted during operation or during the after-run period, for example, the temperatures within the unit could activate the overheating protection.



To reset the overheating protection, allow heater to cool, remove connection cover and press red reset button.

Disposal

The device must be disposed of in line with 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

determined in accordance with EN 624 or Truma test conditions

Device category

I₃ B/P in accordance with EN 437

Type of gas

Liquid gas (propane / butane)

Operating pressure

30 mbar (see type plate)

Water contents

10 litres

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

Boiler approx. 20 minutes (measured according to EN 15033)

Heater + boiler approx. 80 min.

Pump pressure

max. 2.8 bar

System pressure

max. 4.5 bar

Rated thermal output (automatic output levels)

Gas operation

Combi 4 E: 2000 W / 4000 W

Combi 6 E: 2000 W / 4000 W / 6000 W

Electrical operation

Combi 4 E / Combi 6 E: 900 W / 1800 W

Mixed operation (gas and electrical)

Combi 4 E: max. 3800 W

Combi 6 E: max. 5800 W

Gas consumption

Combi 4 E: 160 – 320 g/h

Combi 6 E: 160 – 480 g/h

Readiness-heat power requirement Combi 4 E / Combi 6 E:

Gas operation 5.2 g/h

Air delivery volume (free-blowing without hot-air pipe)

Combi 4 E: with 3 hot-air outlets max. 249 m³/h

with 4 hot-air outlets max. 287 m³/h

Combi 6 E: with 4 hot-air outlets max. 287 m³/h

Current input at 12 V

Heater + boiler

Combi 4 E: Short-term max. 5.6 A

(average power consumption 1.1 A)

Combi 6 E: Short-term max. 5.6 A

(average power consumption 1.3 A)

Heating up of boiler: 0.4 A

Stand-by: 0.001 A

Heating element FrostControl (optional): maximum 0.4 A

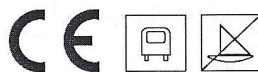
Current input of 230 V

3.9 A (900 W) or 7.8 A (1800 W)

Weight (not containing water)

Heater unit: 15.1 kg

Heater unit with peripheral devices: 15.6 kg



The right to effect technical modifications is reserved!

Dimensions

