

GB

Kampa

Cabinet Heater Operating Instructions



IMPORTANT INFORMATION

For your protection, this product is fitted with several important safety features. An oxygen depletion sensor (ODS) will switch the heater off if the oxygen in the room falls below an acceptable level. This is a safety feature and should never be tampered with. For satisfactory performance it is important that the room is adequately ventilated as insufficient ventilation can cause the heater switching off. The room should never be stuffy and take note and comply with the ventilation requirements in these instructions. This product is also fitted with a tilt switch. If the heater is accidentally knocked or tipped over then it will switch itself off. It is important that the heater is operated on a stable, level surface.

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0051

Retain for future
reference

HEATER SAFETY INSTRUCTIONS

Always use the heater in accordance with the instructions supplied with the heater and retain for future use.

DO NOT position the heater facing furniture, fabrics or other combustible materials.

DO NOT move the heater from room to room whilst it is lit.

DO NOT place clothing or other material on the heater. Apart from the danger of fire their presence could affect the efficient working of the heater.

Do not position the heater alongside a wall or near curtains, etc. ALWAYS face the heater towards the centre of the room. DO NOT position alongside a wall or near curtains, etc. Special care should be taken if the heater is on a surface where it can move or twist on its castors if knocked by a child or dog, etc.

If a leak is suspected, turn the gas off at the cylinder. A GAS LEAK WILL SMELL. DO NOT disconnect the regulator. Extinguish all naked lights. Check all connections. Slowly turn on the gas and brush all connections with soapy water or liquid detergent . leaking gas will form bubbles. If a leak is found turn the gas off and inform your supplying dealer. DO NOT use the heater again until it has been inspected by your dealer.

NEVER USE A MATCH OR NAKED FLAME TO SEARCH FOR LEAKS.

DO NOT CHANGE CYLINDERS IN THE PRESENCE OF NAKED LIGHTS.

VENTILATION




USE ONLY IN A WELL VENTILATED ROOM. Adequate ventilation must be provided in any room the heater is being used. This ensures the removal of products of combustion and allows the entry of replacement air.

This appliance MUST NOT be used in basements, high rise flats, bathrooms or bedrooms.

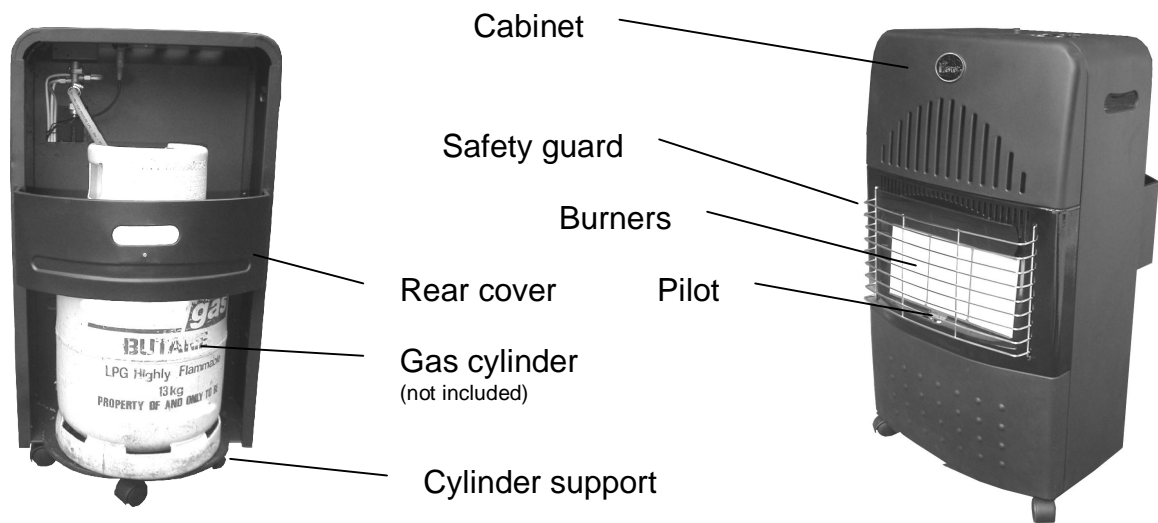
A minimum room size is recommended, based on a heat output of 50 W/m³(Hs) and 100 W/m³(Hs) for living rooms. The recommended room volume should not be less than 84m³.

A minimum ventilation surface of 2500 mm² per kilowatt of heat output (Hs), subject to a minimum of 5000 mm² equally divided between high and low level.

The following table shows the smallest size of room suitable for each heat setting and the ventilation that must be provided.

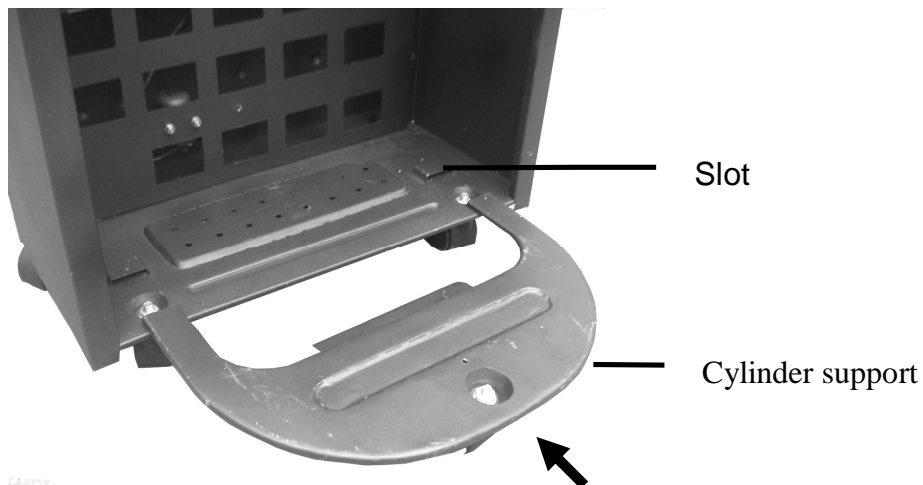
Heat Setting	Minimum Room Size	Minimum Room Vent
MIN 	15 m ³	105 cm ²
MED 	42 m ³	
MAX 	28.5 m ³	

STRUCTURE



ASSEMBLY

Remove your heater from the carton and locate the removable rear cover and the cylinder support. For shipping purposes these have been mounted in the rear aperture of the heater. Remove the transit bolts. Locate the slots in the inside base of the heater and keeping the cylinder support horizontal push the cylinder support in to the slots.



Ensure that the cylinder support has locked into place. After you have installed the gas cylinder, reinstall the rear cover with the convex section facing outwards.

CONNECTING THE GAS CYLINDER (not supplied)

The heater is designed to operate off a butane cylinder (not supplied) using a low pressure 21mm clip-on regulator. Please refer to your gas supplier for a suitable gas cylinder.

Before connecting the cylinder ensure that the seal in the regulator is in place and in good condition.

Place the gas cylinder in the rear of the heater and connect to the regulator as shown in the regulator instructions.

Fit the rear cover by locating the two tabs in the corresponding slots on the rear of the heater cabinet.

To remove the rear cover, lift the rear cover and pull clear of the slots.

DISCONNECTING THE GAS CYLINDER

Ensure that the control knob is in the OFF position and that the regulator valve is turned off (see regulator instructions).

Remove the rear cover.

Disconnect the regulator from the gas cylinder.

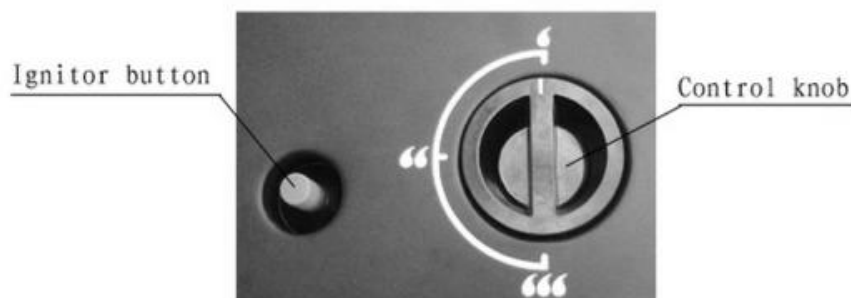
WARNING: Change the gas cylinder only in a well ventilated area, away from any source of ignition (naked flame, cigarette, etc.).

OPERATING THE HEATER


Before connecting the cylinder please read this operating manual carefully.


The gas is turned on and off at the regulator.


The gas and ignition controls are situated on the top of the heater.




LIGHTING THE HEATER


1. Turn on the gas at the regulator
2. **ALWAYS** access the control knob and the regulator valve from the rear or side of the heater. Standing in front of the heater exposes you to the risk of burns.
3. Turn the control knob to position . Depress the control knob, this will allow gas to flow to the pilot and the centre burner.
4. Whilst depressing the control knob push the ignitor button several times. You will see a spark by the pilot and the pilot should light. Continue to hold the control knob depressed for a further 10-15 seconds to allow the flame failure device to activate. If the pilot fails to ignite return to the starting position and repeat.
5. The pilot and the centre burner should remain alight.
6. Select the appropriate heat setting:

For maximum heat (3 burners) press and turn the control knob to 

For medium heat (2 burners) press and turn the control knob to 

For low heat (1 burners) press and turn the control knob to 

TURNING OFF THE HEATER

1. **ALWAYS** access the control knob and the regulator valve from the rear or side of the heater. Standing in front of the heater exposes you to the risk of burns.
2. Turn the control knob to .
3. Turn off the gas at the cylinder by closing the regulator valve (see regulator instructions).
4. Ensure that the pilot light and the centre burner have extinguished.
5. DO NOT attempt to relight the heater until five minutes have elapsed.

CLEARANCE FOR THE HEATER

Always maintain a proper clearance from combustible materials:

Top . 1000 mm minimum

Sides . 600 mm minimum

The appliance must be placed on level firm ground

Never operate the appliance in an explosive atmosphere, or where petrol or other flammable liquids or vapours may be stored.

MAINTENANCE

Ensure the heater is kept free of dust. When the heater is cold use a soft wet cloth to wipe the outer cabinet. Do not use abrasive or inflammable cleaners. When the heater is not in use it should be sealed in a plastic bag, to protect from nesting insects and rodents, and stored in a cool place.

The heater should be serviced annually by a qualified technician. Do not attempt repairs yourself nor should you interfere with the regulator or safety devices on this heater.

Check the flexible gas hose at least once a month and each time the gas cylinder is changed. If it shows signs of cracking, splitting or other deterioration it should be renewed with a hose of the same length and meeting the same quality standards (BS3212/2).

Ensure that the gas hose is completely over the nozzles at each end and secured by hose clips. Avoid bending or constricting the gas hose.

Should the need arise, always replace the regulator with an equivalent approved regulator.

TROUBLESHOOTING

Please note that all adjustments and serving should be carried out by a qualified technician.

PROBLEM	PROBABLE CAUSE	REMEDY
Pressing the ignitor fails to light the pilot. <i>NB. When the heater is newly connected to a gas cylinder it may take 10 – 15 seconds for the gas to reach the pilot because of air in the system.</i>	<ol style="list-style-type: none"> 1. Main gas valve closed. 2. Insufficient gas. 3. Insufficient spark to the pilot. 	<ol style="list-style-type: none"> 1. Open valve on regulator. 2. Replace the gas cylinder. 3. Check the spark gap between the electrode and pilot. Adjust if necessary to give strong spark.
Pilot light will not stay on.	<ol style="list-style-type: none"> 1. The thermocouple flame failure device has not been activated. 2. The thermocouple is loose 3. The thermocouple tip is too far from the pilot flame. 4. The pilot flame is too small. 	<ol style="list-style-type: none"> 1. Hold down the control knob for 15 seconds after the pilot has lit. 2. Tighten the hex nut by ¼ turn where the thermocouple fits into the main control valve. 3. Adjust the position of the thermocouple tip over the pilot flame. 4. Have the pilot jet cleaned or replaced.
Pilot flame is large and a yellow/orange colour.	<ol style="list-style-type: none"> 1. The heater requires a service. 	<ol style="list-style-type: none"> 1. Contact a qualified technician.
Burners are not lighting.	<ol style="list-style-type: none"> 1. Insufficient gas. 	<ol style="list-style-type: none"> 1. Replace gas cylinder.
Heater switches itself off	<ol style="list-style-type: none"> 1. Insufficient ventilation in room and ODS has activated. 2. Heater on uneven surface and tilt switch has activated. 	<ol style="list-style-type: none"> 1. Ensure that the room has adequate ventilation-see above. 2. Ensure that the heater is on a level surface.

TECHNICAL DATA

	HIGH ●●●	MEDIUM ●●	LOW ●
Heat Output	4.2 kW	2.85 kW	1.5 kW
Gas Consumption	305 g/h	207 g/h	109 g/h

Jet nozzle diameter	0.6 mm
Atmosphere sensing device	0.2 mm

This appliance is designed to operate with butane with a nominal pressure of 28-30 mbar.

Country of destination:

BE-CH-ES-FR-GB-GR-IE-IT-PT

Cat: I3+ G30/G31
Butane: 28-30 mbar

Model no. LW-21-2 (30600)

Distributor:

Kampa UK Limited
Witham
CM8 3NF

Spare copies of these instructions can be obtained from your dealer.

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