

Installation and Operating Instructions

Benraad Lee Portastove with Remote Control
Model(s) : LEE 20RC & LEE 20RCA

BEAB
Approved

08/18808/2 Issue 2

Dimensions (millimetres)

Model	Specification
LEE 20RC	2kW Portastove, Log, Thermostat, Dimmer, Remote Control - Silver Body
LEE 20RCA	2kW Portastove, Log, Thermostat, Dimmer, Remote Control - Anthracite Body

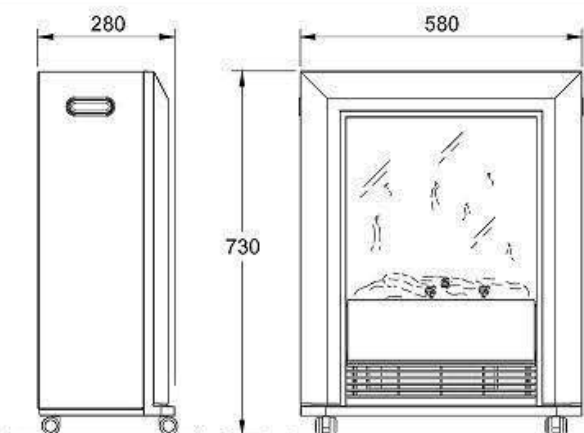


Fig. 1

THESE INSTRUCTIONS SHOULD BE READ CAREFULLY AND RETAINED FOR FUTURE REFERENCE.

Important Safety Advice:

When using electrical appliances, Basic precautions should always be followed to reduce the risk of fire, electrical shock, and injury to persons, including the following:

- If the appliance is damaged, check with the supplier before installation and operation.
- Do not use outdoors.
- Do not use in the immediate surroundings of a bath, shower or swimming pool.
- Do not locate the heater immediately below a fixed socket outlet or connection box.
- Do not cover the heater. Do not place material or garments on the heater, or obstruct the air circulation around the heater, for instance by curtains or furniture, as this could cause overheating and a fire risk.
- Do not leave young children or the infirm unsupervised in the vicinity of the heater.
- Ensure that furniture, curtains or other combustible material are positioned no closer than 1 metre from the heater.
- In the event of a fault unplug the heater.
- Unplug the heater when not required for long periods.
- Although this heater complies with safety standards, we do not recommend its use on deep pile carpets or on long hair type of rugs.
- The appliance must be positioned so that the plug is accessible.
- If the supply cord is damaged it must be replaced by the manufacturer or service agent or a similarly qualified person in order to avoid a hazard.

General

Unpack the heater carefully and retain the packaging for possible future use, in the event of moving or returning the fire to your supplier. This model is fitted with castors and handles so that it can be moved from room to room with ease. The heater is normally positioned against a wall.

A choice of 1kW or 2kW heat output is provided by the fan heater, which is located at the bottom of the unit.

Before connecting the heater check that the supply voltage is the same as that stated on the heater.

The heater can be used remotely or manually - see 'Operation'.

Please note: Used in an environment where background noise is very low, it may be possible to hear the fan which operates the flame effect. This is normal and should not be a cause for concern.

Electrical

WARNING: THIS APPLIANCE MUST BE EARTHED.

This fire must be used on an AC~ electricity supply only and the voltage marked on the heater must correspond to the same voltage as that shown on its rating label.

Please read all the safety warnings and Operating Instructions before use.

Operation

The heater can be controlled using manual controls located behind the flap on the front of the heater (see Fig 1) or by using the remote control provided - see 'Remote control operation'.

Four switches provide manual control of the fire giving a choice of flame effect, heat settings and timer function - see Fig. 2.

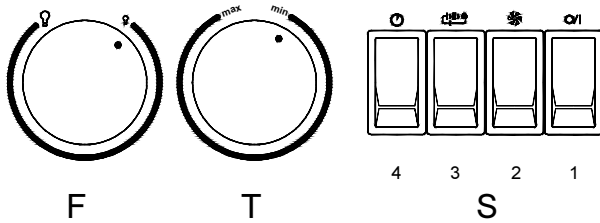
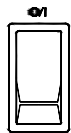


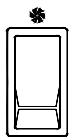
Fig. 2



Switch 1

Controls the electricity supply to the heater and flame effect.

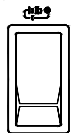
Note: This switch must be pressed before the heater will operate with or without heat.



Switch 2

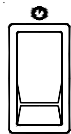
Provides Cold Blow function.

Note: This switch must be pressed before Switch 3 operates.



Switch 3

Provides 1kW & 2kW heat output thermostatically controlled. Press button once for 1kW output & twice for 2kW output. If button is pressed a third time the heater reverts to 'Cold Blow' function.



Switch 4

Runback timer function. Provides 15 individual time settings. Each time the button is pressed the heater is programmed to run for 30 minutes e.g. 1 press = 0.5hr, 2 presses = 1hour - see 'Using the Timer'.

Using the Timer

Each time the button is pressed the heater is programmed to run for 30 minutes, which means it can be set to run from half an hour up to 7.5 hours - see chart below for settings.

Press switch 4 once	=	0.5 hour
Press switch 4 twice	=	1 hour
Press switch 4 three times	=	1.5 hours
Press switch 4 four times	=	2 hours
Press switch 4 five times	=	2.5 hours
Press switch 4 six times	=	3 hours
Press switch 4 seven times	=	3.5 hours
Press switch 4 eight times	=	4 hours
Press switch 4 nine times	=	4.5 hours
Press switch 4 ten times	=	5 hours
Press switch 4 eleven times	=	5.5 hours
Press switch 4 twelve times	=	6 hours
Press switch 4 thirteen times	=	6.5 hours
Press switch 4 fourteen times	=	7 hours
Press switch 4 fifteen times	=	7.5 hours

Using the Thermostat (T)

Plug in and set the fire to 1kW or 2kW heat output.

- To select 1kW heat output press switch 1, 2 & 3 once in this order.
- To select 2kW heat output press switch 3 twice.

Turn the thermostat knob to MAX to warm the room rapidly. When the room temperature has reached the desired level, turn the thermostat knob back slowly until the thermostat just clicks off. The heater will then maintain the room temperature at the chosen level.

NOTE – Should your heater fail to come on when the thermostat is at a low setting, this may be due to the room temperature being higher than the thermostat setting.

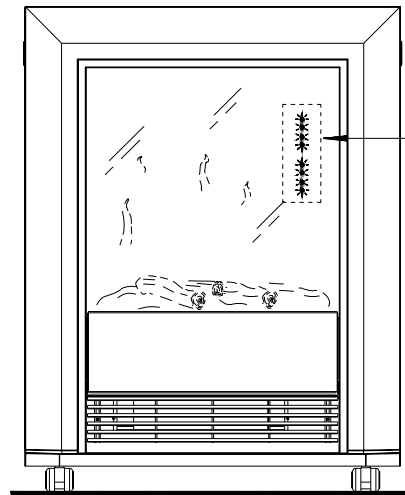
Using the Flame control (F)

This unique effect may be enjoyed whether or not the heating elements are in operation.

Brightness and flame effect control gives a choice of light and flame setting. At minimum setting, the flame effect and the fuel brightness will be lowest, indicated by a small bulb symbol on the control panel. Clockwise rotation of knob will increase the intensity of the effect (indicated by bulb symbols increasing in size) – see Fig 2.

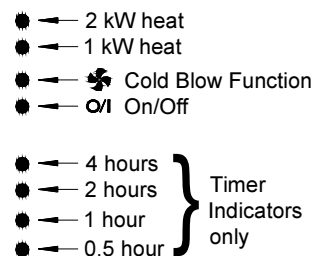
LED Indicators

During manual or remote operation red indicating LED's (neons) will be visible on the right hand side of the heater - see Fig. 3



LED's (neon's) for indicating operation level see Fig. 4 below

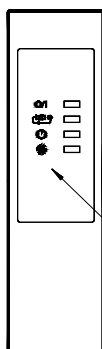
Fig. 3



The red indicating LED's (neons) will be visible on the right hand side of the heater indicating the selected function i.e. when 1kW heat is selected, you will see that LED and the On/Off LED illuminated.

Fig. 4 - LED's indicating Operation level

Using the Remote control



see Fig. 6
for details
on settings

Fig. 5

The remote control consists of 4 buttons (see Fig. 6). To initialize the remote control, slide open the battery cover on the back of the remote. Install 2 AAA type batteries (not incl.), and replace the cover. Your remote control is now ready for use. The maximum range of use is 15metres.

The remote control's general features are:

- Heat output can be increased or decreased according to your particular requirements.
- The heater can be turned On or Off.
- Programmable timer.



On/Off button - see Switch 1 on 'Operation'.



Provides 1 kW & 2kW heat - see Switch 3 on 'Operation'.



Runback timer - see Switch 4 on 'Operation'.



Cold Blow function - see Switch 2 on 'Operation'.

Fig. 6

Important Battery information.

Discard leaky batteries.

Dispose of batteries in the proper manner according to Provincial and local regulations. Any battery may leak electrolyte if mixed with a different battery type, if inserted incorrectly, if all the batteries are not replaced at the same time, if disposed of in a fire or if an attempt is made to charge a battery not intended to be recharged.

Maintenance

WARNING – BEFORE UNDERTAKING ANY MAINTENANCE OR CLEANING REMOVE PLUG OR DISCONNECT FROM THE ELECTRICITY SUPPLY.

Lamp Replacement

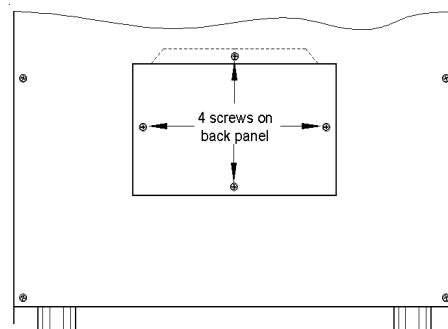


Fig. 7

Two lamps are located behind the back panel as indicated in Fig.7

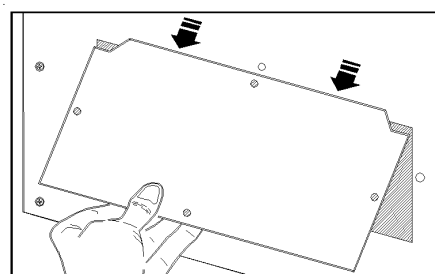


Fig. 8

To gain access to the lamps, the four screws which secure the back panel, must be removed. Remove and slide out panel as indicated on Fig. 8

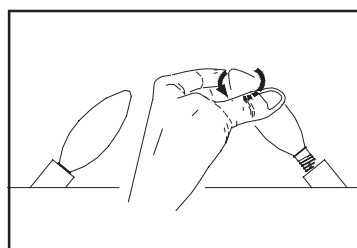


Fig. 9

Remove the defective lamp by unscrewing it as shown in Fig. 9. Replace with a 60W E14 SES Clear Candle lamp. Take care not to over-tighten the lamp. Refit the back panel and secure with the four screws.

Safety cut-out

An automatic cut-out will switch off the heater if for any reason it overheats. This could occur for instance, if the air inlet or outlet were restricted in any way. If the cut-out operates, the heater will switch off. The heater will switch on once the obstruction has been removed and the heater has cooled. If the cut-out continues to operate intermittently, the heater should be switched off and Customer Services contacted.

Cleaning

For general cleaning use a soft clean duster – never use abrasive cleaners. The viewing screen should be cleaned carefully with a soft cloth. DO NOT use proprietary glass cleaners.

After Sales Service

Your appliance is guaranteed for one year from the date of purchase. We undertake to repair or exchange free of charge within this period, any part with the exception of a lamp found to be defective due to a manufacturing fault.

Your rights under this guarantee are additional to your statutory rights, which in turn are not affected by this guarantee.

Please retain your receipt as proof of purchase.



The product complies with the European Safety Standards EN60335-2-30 and the European Standard Electromagnetic Compatibility (EMC) EN55014, EN60555-2 and EN60555-3 which cover the essential requirements of EEC Directives 73/23 and 89/336
