



RADIANT HEATER SAFETY INSTRUCTION

(Keep in a safe place)

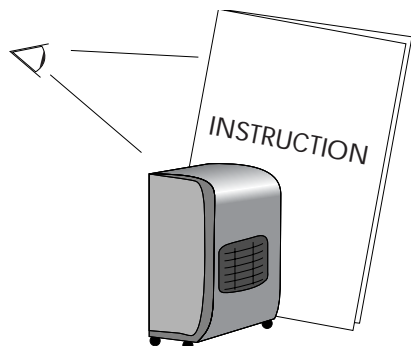
**SPARE COPIES OF THIS LEAFLET CAN BE
OBTAINED FROM YOUR DEALER**



manufactured by DE'LONGHI Via L.Seitz, 47
TREVISO 31100 ITALY

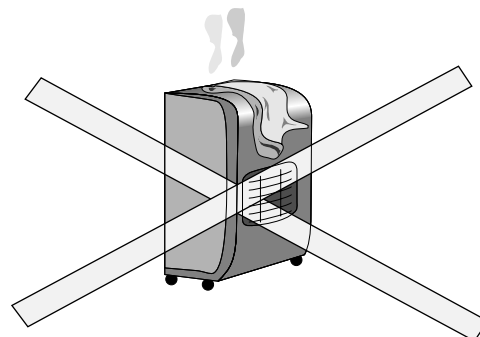
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HEATER SAFETY INSTRUCTIONS. (KEEP IN A SAFE PLACE).
SPARE COPIES OF THIS LEALET CAN BE OBTAINED FROM YOUR DEALER



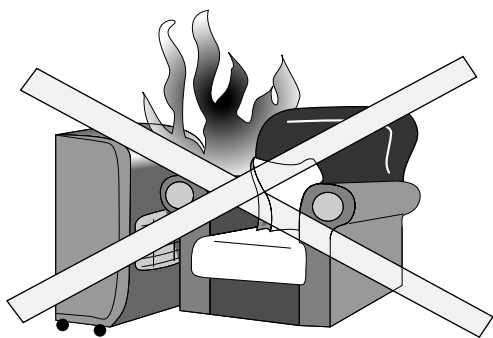
1

ALWAYS use Heater in accordance with instructions supplied with each Heater. Keep instructions in a safe place.



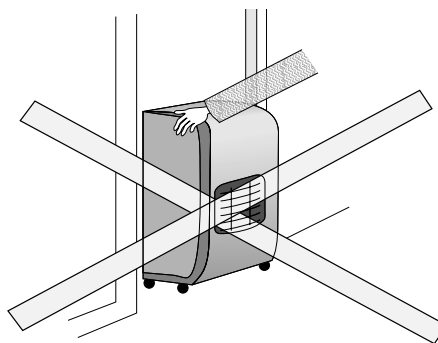
2

DO NOT place clothes or other materials on the Heater, as apart from the danger of fire their presence could affect the efficient working of the appliance.



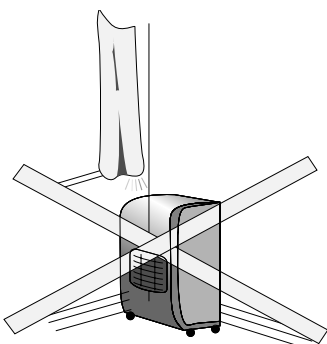
3

DO NOT position Heater close to chairs and fabrics



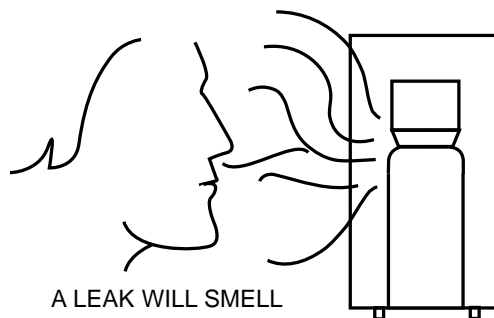
4

DO NOT move Heater from room to room when it is lit.



5

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



6

A LEAK WILL SMELL

IF a leak is suspected, turn the gas off at cylinder. DO NOT disconnect the regulator. Extinguish all naked lights. Check all connections. Slowly turn the gas on a brush the connectors with soapy water or liquid detergent - a gas leak will form bubbles. If a leak is found turn the gas off and inform your Dealer. DO NOT use the heater again until it has been inspected by your Dealer. If the cylinder valve appears to be leaking when turned off, refit the Black Branch Cap or Orange valve Cap.

- This appliance MUST NOT be used in basement, high rise flats, bathrooms or bedrooms and in rooms having volume less than 15 m³ (30m³ in living rooms) for three burner models; 18m³ (36m³ in living rooms) for two burner models.
- Be sure installation is complying to local standard.
- Do not install the appliance in a room which might contain gas, oil or sulphur, or near sources of heat.
- The heater you have purchased is fitted with safety devices which come on in the event of malfunctioning while the appliance is in use. If the pilot (placed opposite the burner) accidentally goes out, or if the room is not sufficiently ventilated, the safety device will block the gas flow, causing the heater to go off.

VENTILATION

USE ONLY IN WELL VENTILATED ROOM.

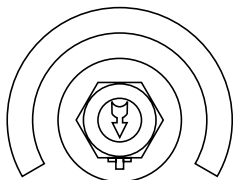
DO NOT CHANGE CYLINDERS IN THE PRESENCE OF NAKED LIGHTS.

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

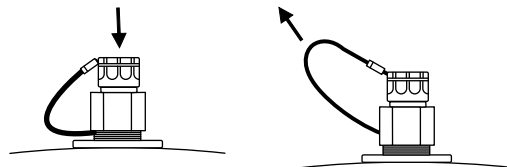
MODEL No. 634 SWITCH ON REGULATOR

Suitable for Calor Switch-on (21 mm) Gas Bottle

Connecting the cilinder



ROTATE the plastic cap on the CUYLINDER VALVE until the arrow points out thorough the gap in the valve shroud.



PULL the lanyard out, then upwards. The cap will lift off the valve. Do not use tools. Leave the cap hanging down from the valve while the cylinder is in use.

Assembly on the gas cylinder

Make sure that:

- all taps on the consuming appliance are closed;
- the connecting pipe to the appliance is correctly fitted;
- The Quick-on regulator handle is in the closed position (fig. 3).

With no flame on, remove the seal cap on the automatic valve, place the Quick-on onto the automatic valve and push down firmly and vertically. You will hear a “click” sound which means the regulator is securely latched (fig. 4).

Note: Quick-on is so designed as to prevent it from being fitted to the valve, unless the regulator handle is in the closed position; therefore, never attempt to mount or dismount it, if the handle is not in this position.

Operation

Once the Quick-on is correctly mounted on the valve, gas supply is possible by turning the regulator handle upwards (counterclockwise).

To shut off the gas supply, reverse above procedure; an arrow engraved on the handle indicates the closing direction (fig.3).

Symbols engraved on the bonnet show how to operate the regulator handle.

CAUTION: if you are unable, to open the regulator handle, this means that your Quik-on is not correctly connected to the valve. Do not force the handle to open, instead start again the operations described above in 3.

Replacement of a cylinder

Make sure that:

- all taps on the consuming appliance are in the closed position.
- the Quick-on regulator handle is in the closed position.

Then, dismount the Quick-on by pressing horizzontally on the handle ond pulling upwards at the same time (fig.5).

Do not atmpnt to carry out this operation with the regulator handle in the open position.

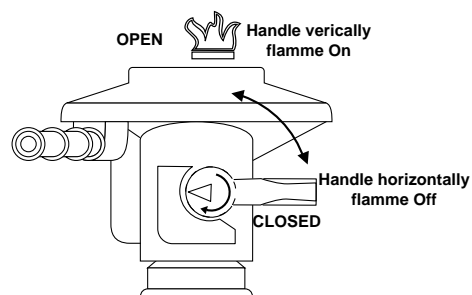


fig.3

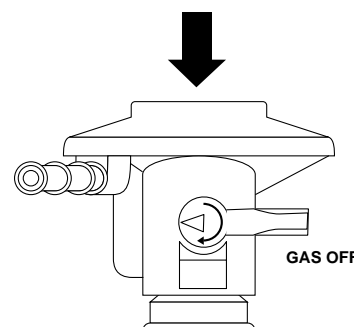


fig.4

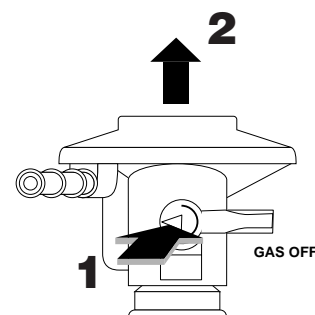


fig.5

GENERAL SAFETY INSTRUCTIONS

Type	Category	Execution	Max.input		Med.input		Low input		Gas Pressure	Gas combustion air quantity
See Rating label	Two burner models	Kw	g/h			Kw	g/h	28-30 mbar	7 m³/h	
	Three burner models	Kw	g/h	Kw	g/h	Kw	g/h		8.4 m³/h	
this appliance is designed to operate with butane, at nominal pressure: 28÷30 mbar										

CYLINDER VALVE

If heater does not completely extinguish, including pilot, when gas is turned off, do not remove regulator. Return valve to open position and leave heater alight, which is perfectly safe, until attend to by the gas supplier.

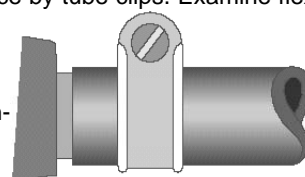
Regulators, Hoses and clips

Check that tubing is completely over the nozzles at each end of the tubing and that is held firmly in place by tube clips. Examine flexible tubing regularly and get your Dealer to fit new tubing 400 mm long if perished, worn or damaged.

L.P.G. ATTACKS NATURAL RUBBER-USE ONLY TUBING TO B.S. 3212 TYPE 2 SUPPLIED BY YOUR DEALER.

Avoid dending or constricting the rubber tube when the pressure regulator is connected to the gas cylinder.

A REGULATOR B.S. 3016 SET AT 28 MBAR (11.2 IN W.G.) for butane must be connected to the appliance with the above tubing, using suitable tube clips.



VENTILATION

USE ONLY IN A WELL VENTILATED ROOM

Adequate ventilation must be provided in rooms in which the heater is used. This ensures removal of the products combustion and allows the entry of replacement air.

Adequate ventilatio should considerably reduce the possibility of condensation occurring.

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

The heater may be used for short periods in smaller rooms.§

Heating Setting	TWO BURNER MODELS		THREE BURNER MODELS	
	Room Size	Room Aperture	Room Size	Room Aperture
MIN	18 m³	87.5 cm²	15 m³	105 cm²
MED			28.5 m³	
MAX	35 m³		42 m³	

MAINTENANCE

Ensure that the heater is kept free of dust. When the heater should be covered and stored in a dust-free place. Stains on the exterior should be removed with soapy solution when the heater is cold. Dry with a polishing cloth. DO NOT use abrasive cleaners which will damage the paint finishes.

Refer any mayor maintenance to your Local Authirised Dealer Major servicing should be carried out every 2 - 3 years. If in doubt refer to your authorised dealer.

SAFETY GUARD

The guard on this appliance conforms to the requirements of B.S. 1945: 1971 and satisfies the heater appliance (fireguards) regulations. The guard is to prevent risk of fire or injury from burns and no part of it should be permanently removed. **It does not give full protection for young children or the infirm.**

POSITIONING OF THE HEATER

- DO NOT place clothes or other materials on the heater.
- DO NOT position heater close to chairs or fabrics
- DO NOT position the heater alongside a wall or near curtains etc.
- ALWAYS face the heater towards the centre of the room.

OPERATING INSTRUCTIONS

Before connecting a gas container and operating this appliance, please read the heater safety instructions and the operating instructions given below - spare copies may be obtained from your authorised dealer.

The gas is turned on and off at the cylinder.

The heat input and spark for ignition are controlled by the knob situated at the top left hand side of the heater.

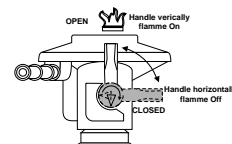
LIGHTING THE HEATER:


1) Turn on the gas cylinder by either:

Turn the regulator gas switch anti- clockwise to the vertical position





(Model No.634)




2. FROM WHITE MARKING, fully depress the control knob, and turn to  position (small flame). If pilot does not ignite return to starting position and repeat). Continue to fully depress the knob for a further 10 seconds to allow the thermocouple probe to heat up, then turn the knob to the required heat setting.

CONTROL OF THE HEAT INPUT:


For low input - leave control knob in position  (small flame)

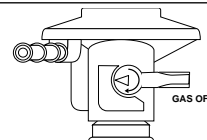
For medium input - slightly depress knob and rotate to position  (medium flame)

For full input - slightly depress knob and rotate to position  (big flame)

TURNING-OFF THE HEATER

The heater will only be totally "OFF" when the supply of gas from the cylinder has been turned "OFF" after use the appliance must be turned "OFF" at the valve.

Turn the regulator gas switch clockwise to the  position (Model No. 634)



DO NOT ATTEMPT to relight until FIVE minutes have elapsed.

WARNING FOR SWITCH-ON SYSTEM:

When the heat is alight, NEVER turn the switch on the cylinder to the disconnect position. Wait until heat and pilot go out, then and only then, should the switch be turned to the disconnect position if the cylinder requires changing.

It is dangerous to switch to the disconnect position when the heater is alight.