
IR3010

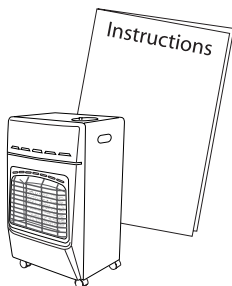
INFRARED GAS HEATER
Instructions for use



DeLonghi

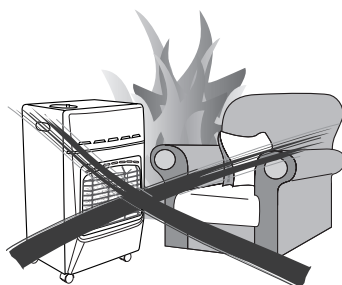
Warnings (keep in a safe place)

1



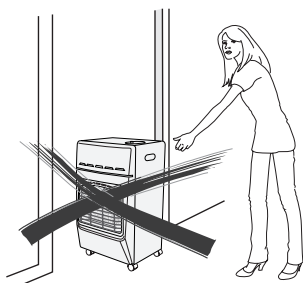
Important: Read the instruction book for use carefully so as to familiarize yourself with the appliance before connecting it to its gas container. Keep the instruction book and this leaflet for future reference.

2



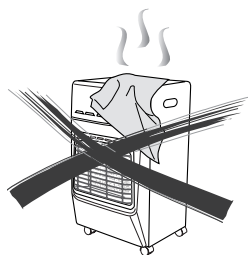
DO NOT position the heater near armchairs or fabrics.

3



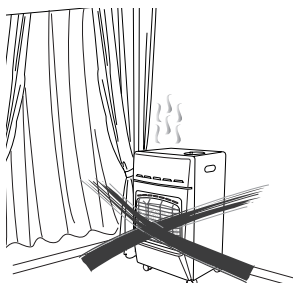
DO NOT move the appliance from one room to another when lit. Knocks or jolts could activate the safety device.

4



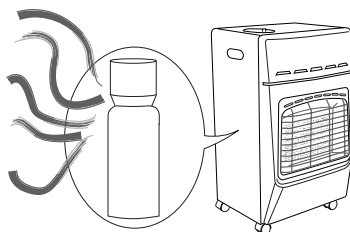
DO NOT place clothes or other fabrics on the heater. A fire risk may be run and could jeopardise correct operation of the appliance.

5



DO NOT position the heater against a wall or near curtains, etc. ALWAYS position the appliance facing towards the centre of the room. Pay particular attention when the heater is standing on surfaces on which it could move easily if knocked by children, dogs, etc.

6



GAS LEAKS CAN BE DETECTED BY THE SMELL

If you suspect there may be a gas leak, close the gas valve on the cylinder. DO NOT disconnect the pressure regulator. To close the gas shut-off the valve on top of the cylinder. Check all connections. Open the gas slowly and apply soapy water or liquid detergent to all the fittings. Bubbles will form if there is a gas leak. If you find a leak, shut off the gas and contact a qualified technician. DO NOT use the heater again until it has been thoroughly inspected by a qualified technician.

IMPORTANT SAFEGUARDS

- This appliance shall not be installed in bedrooms and bathrooms.

- This is a flueless gas-fired heater.

It uses air (oxygen) from the room in which it is installed. Provisions for adequate ventilation shall be provided. Refer to the following instructions.

- **Carbon monoxide poisoning:**

Early signs of carbon monoxide poisoning resemble flu symptoms, with headaches, dizziness or nausea. If you have these symptoms, the heater may not be working properly.

Get fresh air at once! Have the heater serviced. Some people are more affected by carbon monoxide than others. These include pregnant women, people with heart or lung disease or anaemia, those under the influence of alcohol, and those high altitudes.

- The appliance exhausts combustion products into the room where it is used. The appliance has to be used therefore only in well ventilated rooms with two permanent openings communicating with the outside, each with a minimum diameter of 12 cm (or in any case no smaller than 105 cm², in compliance with the relevant local regulations).

The openings must be protected by grilles and located one near the floor and the other near the ceiling.

- In case other gas/solid fuel or paraffin burning

appliances can be operated in the same room, additional ventilation opening need to be present according to SANS 1539:2012 annex D.

It's the installer's responsibility to ensure the verification of this requirement.

- Moisture levels inside the room where the appliance is run can increase. Adequate ventilation of the room would improve comfort level.
- The appliance MUST NOT be used in top floor flats, basements, bathrooms, bedrooms or any other room with a volume of less than 42m³ (24m³ in the case of sitting rooms).
- Make sure the appliance is installed in compliance with current regulations.
- Do not install the appliance in rooms which might contain gas, petrol or sulphur. Do not install near sources of heat.
- Do not use on vehicles such as caravans or camper vans.
- The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- Respect the following safety distances from the walls: 20 cm from the sides, 150 cm from the front.
- USE THE APPLIANCE ON A FLAT FLOOR ONLY.
- DO NOT REPLACE THE GAS CYLINDER IN THE PRESENCE OF NAKED FLAMES.
- NEVER USE MATCHES OR NAKED FLAMES TO LOCATE A GAS LEAK.
- The grille is designed to prevent the risk of fire or burns. None of its components should be permanently removed. The grille does not guarantee total protection for children or disabled people.
- Make sure the rear panel protecting the gas cylinder is correctly in place before lighting the heater. Do not use the heater without the rear panel.
- The heater must not be used unless the gas cylinder is correctly positioned in the gas cylinder compartment (fig. A).
- The appliance is designed to work correctly with gas as described in the instruction book. No further adjustment is possible or needed.
- A "burn-back" inside the burner may happen in case of

excessive air draught in the room. This can be recognised by the abnormal buzz coming from the burner and/or an open flame inside the heater behind the nozzle. Should this happen, shut off the cylinder valve, remove the source of the draught (e.g. close the window/door) and wait for 2 minutes before turning on again.

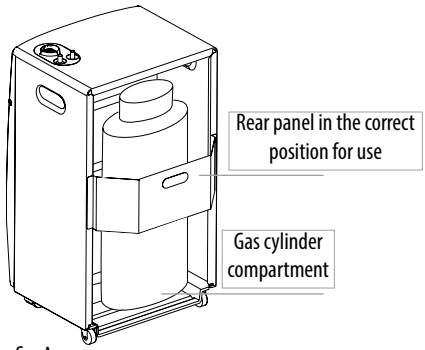


fig. A

TECHNICAL DATA

Gas	Category	Low power	Medium power (models without thermostat only)	High power	Gas pressure
LP	I ₃₊	KW 1.50 g/h 109	KW 2.85 g/h 207	KW 4.20 g/h 305	2,8 Kpa

This appliance is designed to operate with LPG at nominal pressure: 2,8 kpa. For a correct gas combustion the required air quantity is 8,4 m³/h.

INSTALLATION

Hose pressure regulators and clips

MAKE SURE the rubber hose fits perfectly on the hose connector and is held firmly in place by the hose clips (see fig. B).

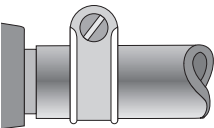


fig. B

Check the expiry date and condition of the rubber hose regularly. If damaged or expired, replace with a new 500 mm hose in compliance with current regulations. Make sure the hose is correctly inserted in the support (see fig. C).

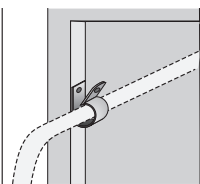


fig. C

When connecting the pressure regulator to the gas cylinder, make sure the hose is free from bends, twists or constrictions.

Installing/replacing the gas cylinder

A cylinder with a capacity of 9 kg is to be used. The cylinder MUST NOT be replaced in the presence of naked flames. Always use the gas cylinder in a vertical position only. To replace it, close the gas shut-off valve on the top of the cylinder (fig. D), remove the rear panel and take the cylinder out of the compartment.

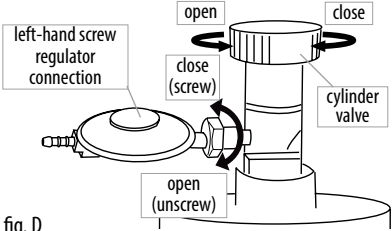


fig. D

Unscrew the connection between the regulator and the cylinder and remove the regulator. Inspect the gasket carefully (fig. E) and make sure it is in good condition. If in doubt, replace.

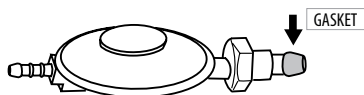


fig. E

Connect the new cylinder and close the connection with the regulator tightly. Open the cylinder valve and make sure there are no leaks. Close the valve again, position the gas cylinder in its compartment and replace the rear panel. In case the pressure regulator supplied should be replaced, the type to be used must comply with SANS 1237:2012 regulations.

Ventilate the rooms

USE IN WELL VENTILATED ROOMS ONLY

The rooms where the heater is used must be adequately ventilated. This ensures elimination of combustion products and guarantees air exchange. (See the "Warnings" chapter for details).

- The heater is fitted with safety devices activated if the appliance malfunctions. If the pilot flame goes out or the room is poorly ventilated, the safety device shuts off the flow of gas and the heater shuts off.
If the safety devices are activated, check the ventilation opening in the room before lighting the heater again.

-  (medium flame) medium power,
-  (high flame) high power.

Turning the heater off



Important! To turn the heater off, close the gas cylinder tap. The appliance is turned off completely only when the gas cylinder tap is closed. When the dial is released after the start-up period, it should rise up to the original height.

If this is not the case, turn the gas off and contact customer services. Under no circumstances use the heater with the dial forced downwards.

MAINTENANCE

With the appliance off and cold only, dust with a soft damp cloth. Do not use solvents or abrasive cleaning products.

If the appliance is not used for a long period, cover and store in a dry dust free place. For technical problems or maintenance, contact your local authorised customer services.

Maintenance must be performed every 2 to 3 years.

If in doubt, contact your local customer services.

USE

Operating instructions (manual version, IR3010)

Lighting the heater

- 1) Open the gas cylinder tap.
- 2) Turn the adjustment dial to the  position, press down fully for about 10 seconds (fig. F).
- 3) Hold the dial down and at the same time press the piezoelectric starter  2-3 times until the pilot flame lights. When the pilot flame is lit, continue holding the dial down for a further 20 seconds to allow the thermocouple to heat up, then release.
- 4) If the flame shuts off after the dial has been released, repeat the procedure described above.
- 5) To select the required power, press the dial down and turn as follows:
 -  (low flame) low power,

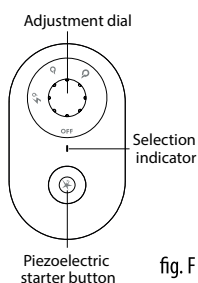


fig. F