User Manual

Gas Room Heater

LQ-KB1

CE

2531-26

P.I.N code: 2531CS-0066

Please read the instructions before using this appliance.

Dear Valued Customer:

Thank you for purchasing gas room heater from us. We believe it is the best heating system in similar types.

This instruction manual has been carefully prepared to ensure you will be able to easily operate, learn more about it and fully realize all its inherent capabilities.

We invite your comments as well as any issues you may have regarding this manual or our products.

Once again, let us welcome you to be the growing family of our company. We look forward to working with you in the future.

Any innovation or mini changes without further notice.

Model No.	LQ-KB1
Heat Input	4200W(306g/h)
Heat Range	3 levels(4200W/2750W/1500W)
Product Size(MM)	380x300x570
Weight (KG)	N.W:6.2 G.W:6.9
Gas category	I3B/P(30)
Gas Type	Butane(G30) propane(G31)or their mixture
Gas Pressure	(28~30)mbar
Gas Hose	certified gas hose according to applicable EN16436-standard and comply with local code (recommend 500mm)
Gas Regulator	certified according to EN16129 and comply with local code (flow rate max. 1kg/h)

Ceramic tiles activated	Room size	Ventilation area
3	84㎡	＞105㎡

Operating Instructions:

There are 3 controls need to be paid attention.

The first is the valve on the cylinder, which will be used to turn ON and OFF the gas supply.

The second is the gas control knob with a dial which has 3 positions marked on it.

This control knob is located on the top end of the heater (fig4)

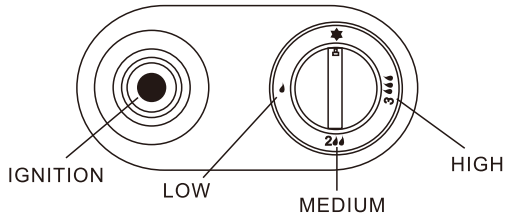


fig4

The third is the piezoelectric ignition button next to the gas control knob (fig4).
Pressing this button will generate a spark on the pilot burner thus igniting the gas to the pilot burner.
The pilot and center burner should remain alight.
You may now adjust the heater setting to Low/Med/High as required.

Installation

1. put the cylinder into the gas heater
2. install the protection baffle to make sure the cylinder cant' move
3. connect the pipe to the gas valve with cap (make sure no leakage)
4. connect another side of the pipe to the regulator with cap (make sure no leakage)
5. open the gas tap before using the heater, and close the gas tap after using

Note: The heater shall not be installed in high rise flats, in basements, bathrooms or bedrooms. Please follow the local installation regulations in force.

Lighting heater:

Before connecting the regulator to the gas cylinder, check whether there is a rubber washer on the regulator, and the washer must be in good condition.

Connect the regulator to the gas cylinder by turning the hand wheel anticlockwise.
Open the gas cylinder by turning the gas cylinder valve anticlockwise. Press the control knob halfway down and turn to "✸" position , then continue to press down, pushing the knob all the way down and holding it for 5-10 seconds to drain the air from the pipe (it takes 30 seconds or more to drain the pipe on the first ignition). This will allow gas to flow to the pilot and center burner. While holding the control knob in the pressed position, push the piezoelectric ignition (fig4) button 2 or 3 times. Each time you strike this piezoelectric ignition you will hear a clicking sound as well as see a spark on the pilot burner.
Once the pilot has lit, continue holding the gas control knob in the pressed position for a further 10 to 15 seconds thus activating the flame failure safety device.

Turning off the heater:

To turn off the heater, turn the control knob to position 1 and close the gas cylinder valve by turning the knob on the cylinder clockwise. Ensure that the pilot flame and the center burner are extinguished.

Testing gas leaks:

When you suspect that the heater is leaking, turn off the gas supply and have the unit inspected by a qualified technician. Do not attempt to locate the source of leak with a naked flame. Locate it by sound, smell or by applying soapy water. Any bubbles forming will indicate the whereabouts of a leak.

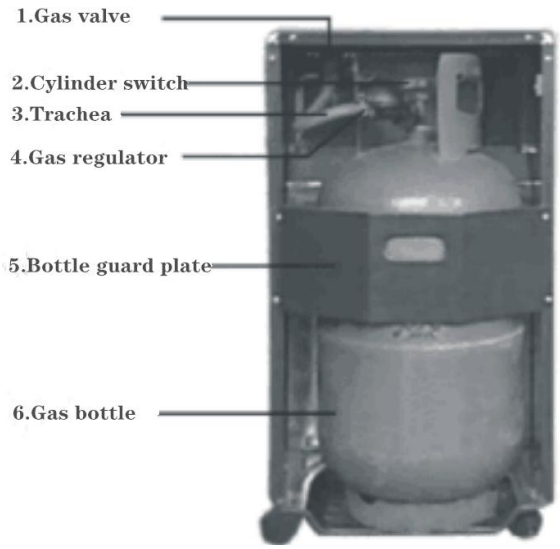
Gas cylinder installation:

Warning: to ensure safety, confirm that the corner valve of the gas cylinder is in the "off" position in the following states:

1. When connecting or removing the pressure reducing valve

2. When the heater is not in use

3. When the gas bottle is inflated



Connection between pressure reducing valve and gas cylinder angle valve:

1. Confirm that the angle valve of the gas cylinder rotates clockwise to the fully closed position, and put the pressure reducing valve (as shown in Figure 1) into the angle valve of the gas cylinder.

2. Rotate the pressure reducing valve to connect the pressure reducing valve to the corner valve of the gas bottle (as shown in Figure 2)

3.Open the angle valve of the gas bottle counterclockwise (as shown in Figure 3)

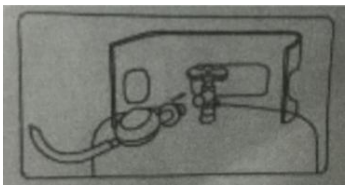


Fig1

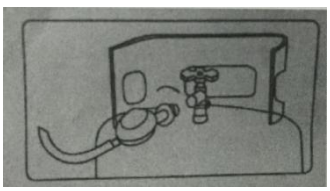


Fig2

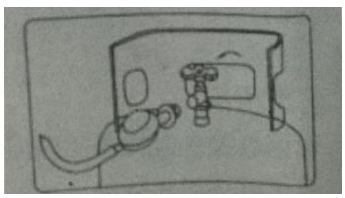


Fig3

Safety tips:

Do not move the heater while it is in use.

Always face the heater towards the center of the room.

Use it only in a well-ventilated room. Ventilation is vital for the efficient performance of this heater and for safety of the occupants of the room in which it is being used. Allow plenty of fresh air in, never seal up the doorways and windows.

Prevent young children and elderly people from touching very hot surfaces.

The normal dress guard only protects against accidental clothing contact.

Do not place clothes or other material on the heater. Keep all flammable materials at least one meter away from the heater.

Do not use in a caravan, motorhome or mobile home.

Turn off the gas valve and gas supply after its application.

Never use or store solvents and pressure pack cans near a gas heater –even if the heater is turned off.

Never dispose of rubbish such as cigarette butts in a gas fire-this can affect combustion and produce dangerous pollutants.

Always operate the gas control and cylinder valve from the side or rear of the heater. Standing in front of the heater exposes you to the risk of burns

Warning:

- Read the instructions in the manual carefully. It has important information both for operation use and for your safety.
- Do not use faulty appliances.
- Maintenance and repairs must be carried out by a qualified person only.
- Your heater should be checked manually by a qualified person for safe operation and to detect any fault.
- Retain these instructions for future reference. If necessary, a new copy may be obtained from your Dealer.
- Turn off the gas container valve after use.
- The appliance is suitable for 14.2kg/5.5kg LPG cylinder. When change the gas cylinder, move the appliance to a flame-free atmosphere. **The maximum size of the cylinder should be less than Dia. 300mm, Height: 500 mm. For the model LQ-KB1 the maximum cylinder size is Dia. 300 mm, Height: 320mm.**
- Do not move the appliance when in use. Avoid twisting the gas hose.
- Do not place the heater near walls, curtains or furniture while in operation. Always face the heater towards the center of the room when in use. Do not put furniture or other thing in front of the heater; Minimum clearance to combustibles to the rear and sides of the heater is 1000mm.
- This appliance should be leakage tested before initial use and whenever the cylinder has been reconnected after filling. Never use a naked flame to test for leakage.
- This is a non-flue heater. Ensure the room is ventilated while the heater is in operation. Do not operate in a bedroom, bathroom, caravan, boat.
- This appliance requires a hose and regulator, check with your gas supplier
- Do not use in leisure vehicles such as caravans and auto caravans
- The guard on this appliance 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.
- Do not move the appliance when operating, shocks and bumps may activate the safety device
- Turn off the regulator and disconnect the regulator from cylinder, allow the heater to control fully before removing and replace the cylinder. Do not attempt to remove the regulator while the heater is still working.
- **The appliance shall not be used in high rise flats, in basements, bathrooms or bedrooms.**

Changing the cylinder:

Turn off the regulator and disconnect the regulator from cylinder, allow the heater to cool fully before removing and replace the cylinder. Do not attempt to remove the regulator while the heater is still running.
Change LPG cylinder in ample ventilated area, and from any ignition source (candle, cigarettes and so on).

Maintenance:

- When the heater is not in use for a period of time, for instance, over the summer, we recommend that it is kept covered or replaced in its carton to minimize the accumulation of dust dirt that may occur.
- Maintenance and cleaning must be carried out with the **gas** supply turned off and the heater cold. Do not attempt to clean the heater while it is in use.
- Your heater should be checked annually by a qualified person for safe operation and to detect any faults.
- If any faults are detected in use, stop using the heater and contact your Dealer for advice.
- Periodically clean the exterior and rear cylinder, storage area of your heater to remove dust an lint built-up, which may affect operation of the heater. **You are suggested to clean or maintenance your heater every two months.**
- Light vacuuming with a soft brush will remove any dust built-up on the surfaces of the ceramic elements. Do not scrape of knock these elements as they may become very fragile with use.
- Do not abrasive products to clean the heater.
- Watch the pilot flame while it is in operation. It should burn steadily, if it flickers or is yellow tipped, the heater should be checked for correct operation.
- If any parts need replacement, they must be replaced only with genuine original parts supplied by the manufacturer. The use of incorrect or substitute the parts may be dangerous and will void any warranty.

Do not use wet rag or sprinkling water on the heater while cleaning. This may cause serious problem to the heater. Under the circumstance of normal usage, contact our agents to conduct regular maintenance. Leave the heater at a clean and dry area when it is not used.

Safety tips:

1) Always leave the heater look upon the central room.
2) Do not move the heater in front of it. Do not move the burning heater from one room to another.
3) Prevent people, especially young children and elderly people from touching very hot surfaces.
4) Never dry clothes at the top of the metal guard grill.
5) Keep all flammable materials at least one meter away from the heater.
6) Never use an unflued gas heater in a bathroom, bedroom or caravan. Toxic gases may cause serious health problems in these situations.
7) Never use or store solvents and pressure pack cans near a gas heater, even if the heater is turned off.
8) Never dispose of rubbish such as cigarette butts in a gas fire. This can affect combustion and produce dangerous pollutants.

9) Make sure rooms containing gas heater are well ventilated.
10) Keep areas around the heater free of papers, trash, and any other combustible items.
11) Place the heater on a level, hard, nonflammable surface. Do not place on rugs, carpets or socket, near bedding or drapes, or on tables or countertops.
12) Turn the heater off if you leave the area, and never leave a heater on while sleeping or if you leave home.
13) Always use specified or standard wire, plug and socket. Always protect them from moisture or water.
14) Always turn off gas power and remove plug after use.
15) The heater must not be located immediately below a socket outlet.
16) Do not use this heater with a programmer, timer, separate remote-control system or any other device that switches the heater on automatically, since a fire risk exists if the heater is covered or positioned incorrectly.
17) Do not use the heater in the immediate surrounding of a bath, a shower or a swimming pool.
18) If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
19) This 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.
20) Children should be supervised to ensure that they do not play with the appliance.
21) Children and disabled people are not allowed to operate the appliance alone.
22) Children of less than 3-year-old should be kept away unless continuously supervised.
23) Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.
24) Always check up the flexible hose before using. Replace broken or expired hose.

CAUTION — some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.