

markoTM
heating

GAS HEATER

MHT-GCB41



CE
2531

This product is not suitable for primary heating purposes.

INSTRUCTION LEAFLET

User's Manual

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.

Technical Data

Gas Heat Input 4.1kW

Gas category, gas pressure, gas type and destination countries:

I3B/P (30) ; Butane,propane and their mixtures ;

(28-30)mbar : LU,NL,DK,FI,SE,CY,CZ,EE,LT,LV,MT,SK,SI,BG,IS,NO,TR,HR,RO,IT,HU ;

I3B/P (50) ; Butane,propane and their mixtures ; 50mbar : AT,DE,SK,CH,LU ;

I3B/P (37) ; Butane,propane and their mixtures ; 37mbar : PL ;

★ **I3+ (28-30/37)** : Butane at 28~30mbar; Propane at 37mbar, BE,FR,IT,LU,LV,IE, GB,GR,PT,ES,CY,CZ,LT,SK,CH,SI.

Pin Code: 2531CT-0032

Products Size: 730x420x352mm

Weight: N.W : 8.5 kg, G.W : 10kg

Serial NO.:



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 (**fig 4**).

The third is the piezoelectric ignition button next to the gas control knob (**fig 4**).

Pressing this button will generate a spark on the pilot burner thus igniting the gas to the pilot burner.

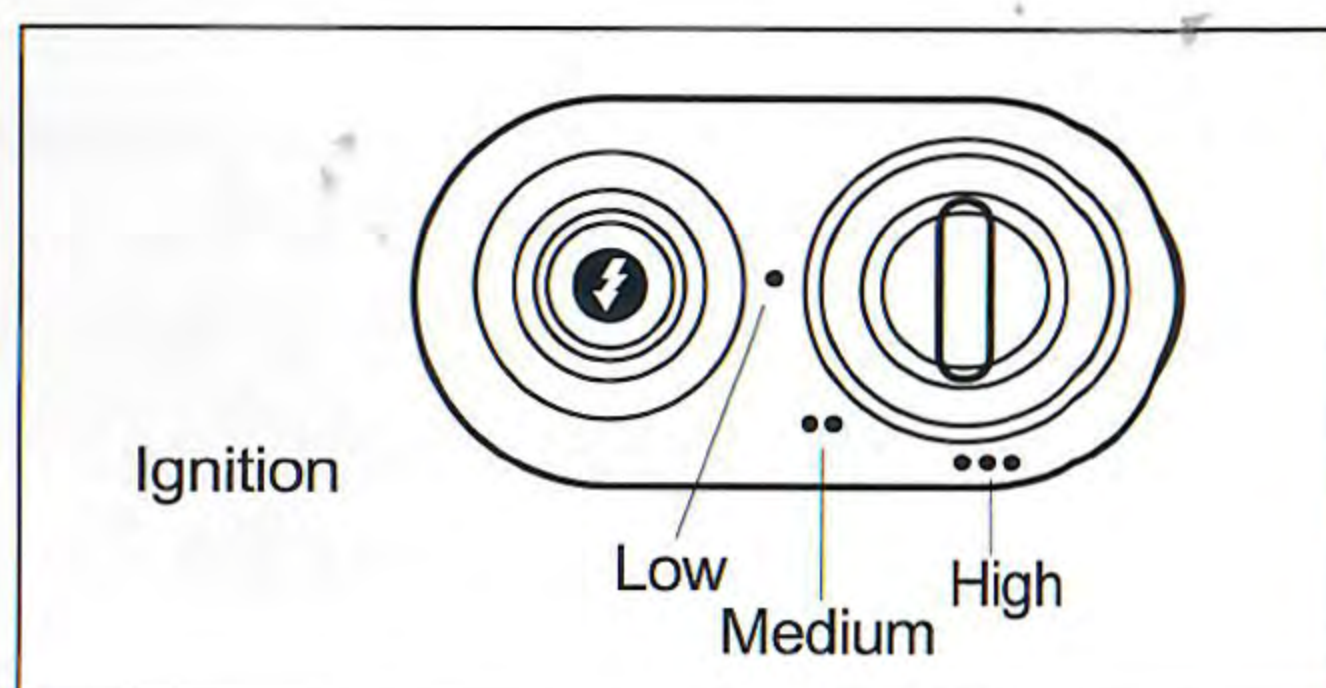
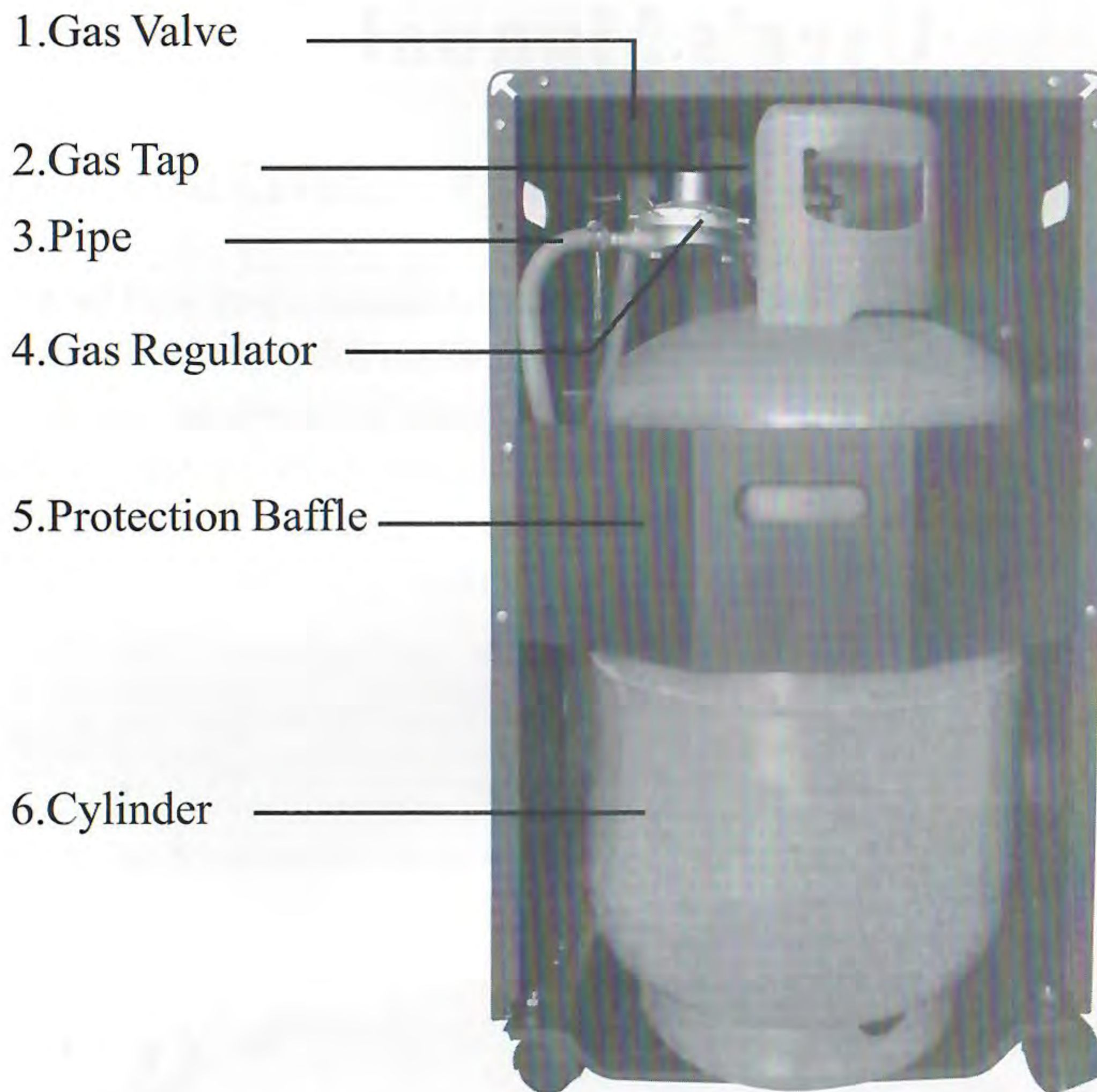


Fig4



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.

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. Turn the gas control knob on the heater to setting 1 (**fig 4**).

Press the control knob down and hold in the pressed condition. 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 (**fig 4**) 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.

The pilot and center burner should remain alight.

You may now adjust the heater setting to **Low/Med/High** as required.

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 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.

Safety tips:

Do not move the heater while it is in use.

Shocks and bumps may activate the safety device.

Always face the heater towards the center of the room.

Use it only in a well-ventilated room. Ventilated 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.

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

Change LPG cylinder in ample ventilated area, and from any ignition source(candle, cigarettes and so on);

Recommend to use ^{50cm} hose for connection, which should be certified according to applicable national requirements;

Regulator should be certified according to EN ¹⁶¹²⁹ (from rate:max.1.5kg/h)

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 container, when change gas container , move the appliance to a flame-free atmosphere.
- do not move the appliance when it operated. avoid to twist 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.
- the dress guard on this appliance conforms to standard requirements; it does not give full protection for young children or the infirm. the guard is to prevent risk of inquiry and no part of it should be removed or altered.
- 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 forleakge.
- 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, or any room less than 84cu.m in volume. keep at least 105cm² ventilation area.
- 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.
- this appliance requires a hose and regulator, check with your gas supplier
- do not use in leisure vehicles such as caravans and auto caravans changing the cylinder:
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 running.

Maintenance:

- 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 and lint built-up, which may affect operation of the heater.
- light vacuuming with a soft brush will remove any dust built-up on the surfaces of the ceramic elements. do not scrape or knock these elements as they may become very fragile with use.
- do not use 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 parts may be dangerous and will void any warranty.