

**READ INSTRUCTIONS CAREFULLY: READ AND FOLLOW ALL INSTRUCTIONS. PLACE
INSTRUCTIONS IN A SAFE PLACE FOR FUTURE REFERENCE.**

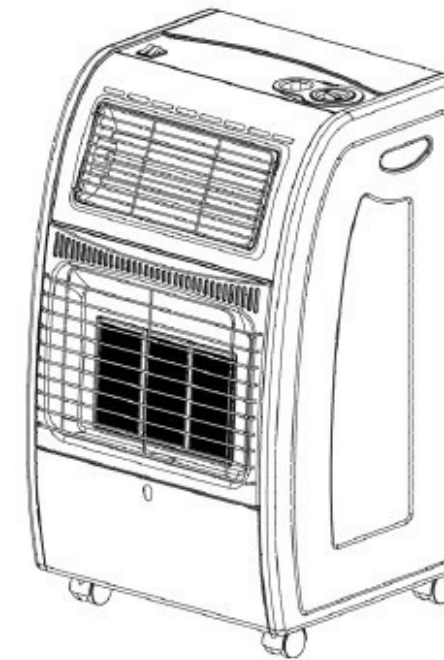
ONLY USE IN A WELL VENTILATED AREA

USER MANUAL

FOR

GAS AND QUARTZ TUBE HEATER

(R-7010)



WARNING:

**IF THE INFORMATION IN THIS MANUAL IS NOT FOLLOWED EXACTLY. A FIRE OR
EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE. PERSONAL**

INJURY OR LOSS OF LIFE

TECHNICAL CHARACTERISTICS

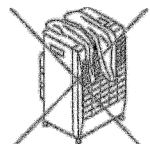
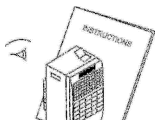
Type : GAS AND QUARTZ TUBE HEATER

Dimensions : 42*36*72 (D*W*H)

WARNING:

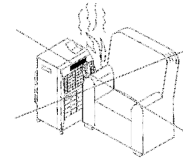
- 1. THE APPARATUS IS NOT READY FOR THE PHYSICALLY WEAK, SLOW RESPONSE OR MENTAL DISORDERS (INCLUDING CHILDREN) TO USE, UNLESS IT BEARS RESPONSIBILITY FOR THE GUIDANCE OF SAFETY OR SAFE USE OF THE HELP;**
- 2. CHILDREN SHOULD BE MONITORED TO ENSURE THEY DO NOT PLAY APPARATUS;**
- 3. HEATER IS NOT LOCATED IMMEDIATELY BELOW A SOCKET-OUTLET**
- 4. WARNING: THIS HEATER IS NOT EQUIPPED WITH A DEVICE TO CONTROL THE ROOM TEMPERATURE. DO NOT USE THIS HEATER IN SMALL ROOMS WHEN THEY ARE OCCUPIED BY PERSONS NOT CAPABLE OF LEAVING THE ROOM ON THEIR OWN, UNLESS CONSTANT SUPERVISION IS PROVIDED.**

SAFETY PRECAUTIONS

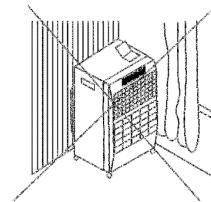


1. Always use heater in accordance with instructions supplied with each heater.

Keep instructions in a safe place.

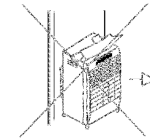


3. DO NOT position heater close furniture.

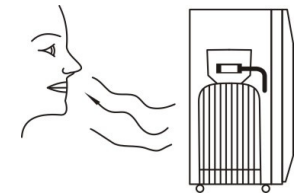


5. DO NOT position heater close to walls, furniture, net curtains, bed linen or any other inflammable materials as this could result in the risk of fire. The following minimum distances should be respected; 50cm from side, 100 cm from front. ALWAYS face heater towards center of room. The heater should be positioned on a level surface at all times.

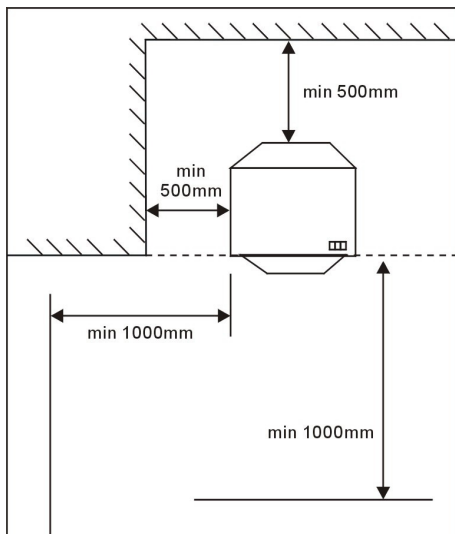
2. DO NOT place clothes or other materials on the heater. This could cause a fire risk and/or affect the efficiency of the appliance.



4. DO NOT move heater from room to room when lit.



6. If a leak is suspected, turn the gas off at the cylinder. DO NOT disconnect the regulator. Check all connections. Slowly turn the gas on and brush the connections with soapy water or liquid detergents a gas leak will form bubbles. If a leak is found, turn the gas off. DO NOT use the heater again until it has been checked by a competent person in accordance with the Gas Safety (installations and use) Regulations 1998



USING ENVIRONMENT

Your heater consumes oxygen while it is in function. For that reason, adequate ventilation should be provided in rooms in which the heater is used. This ensures the removal of products of combustion and allows the entry of replacement air.

Adequate ventilation should considerably reduce the possibility of condensation occurring. The following table shows the smallest sizes of room suitable for each heat setting and the ventilation.

FOR CATALYTIC HEATER MODELS:

| Number of radiant continuously IN USE | ROOM SIZE | VENTILATION | |
|---------------------------------------|---------------------------------|--------------------|--------------------|
| | | Low level | High level |
| 1 | 40 cubic meters - 4m*4m*2.5 | 40cm ² | 40cm ² |
| 2 | 70 cubic meters - 7m*4m*2.5 | 70cm ² | 70cm ² |
| 3 | 105 cubic meters - 10.5m*4m*2.5 | 105cm ² | 105cm ² |

1. This appliance requires a hose and a regulator.
2. Only use in well ventilated areas.
3. Do not use in vehicles, caravans or auto caravans.
4. Do not attempt to use in high-rise flats, basements, bathrooms or bedrooms.
5. Do not use your heater while sleeping.

person in accordance with the Gas Safety (installations and use) Regulations 1998.

3. If any parts need replacing, they should be replaced only with the correct parts supplied by the original manufacturer.



IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH EC DIRECTIVE 2002/96/EC.

At the end of its working life, the product must not be disposed of as urban waste. It must be taken to a special local authority differentiated waste collection centre or to a dealer providing this service.

Disposing of a household appliance separately avoids possible negative consequences for the environment and health, deriving from inappropriate disposal and enables the constituent materials to be recovered to obtain significant savings in energy and resources. As a reminder of the need to dispose of household appliances separately, the product is marked with a crossed-out wheeled dustbin.

purposes.

17. Do not cover your heater. Fabrics, clothing, hangings, net curtains, bed linens and other flammable materials may ignite if placed against the outlets of your heater.
18. In the event of leakage, the appliance should be turned off at the regulator switch-on valve and the regulator disconnected from the cylinder.
19. After use turn off the appliance at the gas container valve.
20. Only use in a well ventilated area.

STORAGE

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1. Disconnect cylinder.
2. Store cylinder in a well-ventilated area away from combustible material. Storage preferable be in an outhouse but must not be in a basement or high-rise flat.
3. The heater should be covered in a dry, dust-free area in its original packaging.

CLEANING

1. Make sure unplug the heater before cleaning.
2. Turn of your gas supply at the regulator.
3. Use a damp soapy wrung cloth clean the exterior and cylinder storage area of your heater.
4. Make sure that no water gets onto the burners or pilot/light area. Wipe the heater dry before use.
5. Don't use abrasive cleaners as they may damage the quality paint finish.

MAINTENANCE

1. Check flexible tubing between regulator and heater regularly and replace if perished, worn or damaged. In any case replace tubing taking into consideration the expiration date.
2. It is recommended that the heater be serviced every year by a competent

6. Do not store flammable liquids or material near the heater.
7. Do not expose the gas bottle to the full summer heat nor too near any other heat source.
8. Do not place a heater in use near curtains, furniture, wood paneling or combustible material which can deteriorate with heat.
9. While in use, ensure that children do not approach the heater.
10. Do not move the appliance when in use; the safety device may be activated by knocks or movement.
11. This appliance should be tested for leaks before initial use and whenever the cylinder is re-connected.
12. It is important that all gas connections have been correctly made to prevent any leakage. Do not use naked flame to test for leaks. Call your supplier to ask support.
13. Always use your cylinder always in an upright position.
14. Always turn off the regulator control when the heater is not in use.
15. When lighting your heater for the first time or after a period of time has passed since the last use, light the heater outside and burn outdoors for 15 minutes.
16. The guard on the appliance is to prevent risk of fire or injury form burns and no part of it should be permanently removed. It does not give full protection for young children or the infirm. We would recommend a fireguard to be fitted.
17. Only connect the apparatus if the voltage indicated on the type plate corresponds with the mains voltage.
18. In order to avoid overheating, do not cover the heater by towels curtains or suchlike.
19. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord
20. Turn off the appliance and unplug from outlet when not in use and before cleaning. Allow it to cool down.
21. If the supply cord is damaged, it must be replaced by a service agent or equivalent qualified persons otherwise it may cause a hazard.
22. To protect against fire, electrical shock and injury to person, do not immerse appliance, power cord, plug in water or other liquid
23. This appliance is indoor use only.

24. Do not handle plug with wet hands.
25. The appliance has to be unplugged from the wall socket, using the damp cloth to wipe the enclosure, and then dry it with dry cloth.

FAULT FINDING CHART

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| SYMPTOMS | FAULT | REMEDY |
|--|--|---|
| 1. Pilot will not light automatically | No spark across electrode gap | (a) Ensure that piezo-electric ignition is functioning correctly. (b) Check that electrical lead is not damaged. (c) Check the battery power if the heater fitted with Push ignitEr and replace a new one |
| 2. Pilot will not light automatically but points (a) to (e) are satisfactory and the pilot will light with a match | Incorrect position of spark in relation to pilot gas flow. | Re-position spark plug so that spark jumps across gas flow. |
| 3. Heater will not remain alight when pressure is released from ignition button | Electro-magnetic valve closes whilst heater is alight. | (a) Ensure that thermocouple probe is located in pilot flame. (b) Ensure good connection between thermocouple and valve (c) Check thermocouple. (d) Check electromagnetic valve |
| 4. Smell of combustion. | Heating temperature become lower than usual | (a) Damage of the catalytic pad. (b) Gas leakage from the gas circuit pipe. (c) Faulty regulator (d) Hose ageing |

position 2.

4. TURN OFF THE HEATER

Turn off heater at cylinder or turn the switch on the regulator to the "OFF" position. If the heater is not used for a period of time, disconnect the regulator from the cylinder and replace any valve protection plug or cover.

WARNING

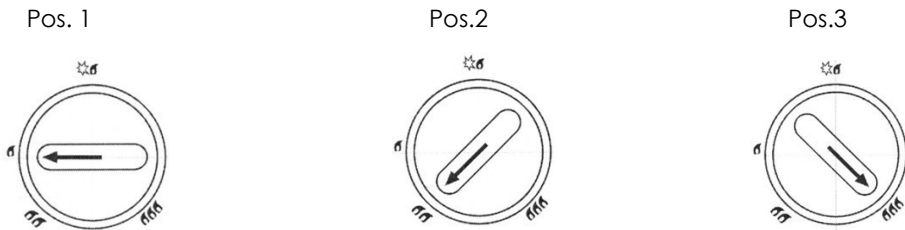
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1. Read the instructions before using this appliance.
2. The apparatus is not ready for the physically weak, slow response or mental disorders (including children) to use, unless it bears responsibility for the guidance of safety or safe use of the help.
3. Children should be monitored to ensure they do not play apparatus.
4. Use an appropriate regulator, asks your supplier to get one.
5. Never attempt to light if the hose is loose or damaged in any way.
6. Do not press the ignition button for more than 40 seconds.
7. Never disconnect the regulator while cylinder valve or regulator is open.
8. Do not change cylinders in areas in which open fire exists.
9. Do not expose your cylinder to extreme heat.
10. Do not store any other cylinders in the room in which your heater is used.
11. Do not insert your finger or any other material through the front panel of the heater.
12. Leave at least 1 meter distance between your heater and the other heat source.
13. Do not let unauthorized persons to tamper with your heater.
14. Do not place appliance under electrical socket outlets.
15. Do not use the heater in bathrooms, shower of swimming pool, or leisure vehicles such as caravans or auto caravans.
16. This heater must not be used without a gas cylinder fitted for stability

For your safety purpose, call local service center if you have problems.

REPAIRS SHOULD ONLY BE CARRIED OUT BY A COMPETENT PERSON IN ACCORDANCE WITH THE GAS SAFETY (INSTALLATIONS AND USE) REGULATIONS 1998

LIGHTING INSTRUCTION



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1. LIGHTING INSTRUCTION

- The heater has three settings. Lighting and Minimum (Pos.1); Medium (Pos.2) and Maximum (Pos.3)
- Place the gas filled cylinder into the back of the heater.
- Clip on the gas regulator to the gas cylinder.
- Turn on the gas regulator.

2. LIGHTING

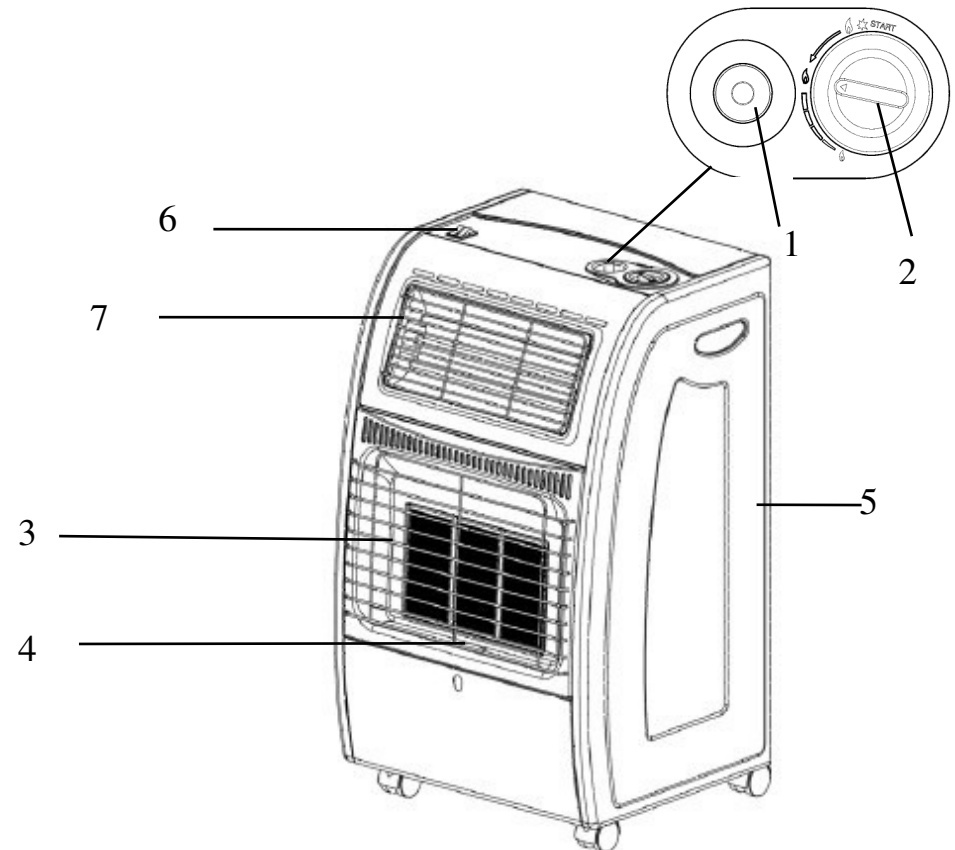
Press the control button for 10 seconds at the Position 1, at the same time press the piezo igniter key to light with thumb finger of left hand, Continue this procedure until pilot ignites, approximately after 20 seconds leave control button. At this stage if the pilot is alight, it means that the heater is at the minimum position (Pos.1). If the pilot flame goes out please repeat this procedure.

3. HEAT SETTINGS

To change from minimum to maximum gently press control button and turn it to position 3.

To change from maximum to medium gently press control button and turn it to

CONSTRUCTION AND FUNCTION



1. Igniter
2. gas control knob
3. Gas burner safety guard
4. ODS System

CONNECTING THE CYLINDER

1. Place the gas filled cylinder into the back of the heater
2. Clip on the gas regulator to the gas cylinder
3. Turn the regulator on.
4. Where the regulator is not supplied please contact your gas dealer to advise of correct type for the gas cylinder being used.
5. IMPORTANT TEST FOR LEAKS:

This must be carried out in a well-ventilated area, free from naked flames and any other sources of ignition. With the regulator connected to the cylinder turn on the regulator control. Brush all hose connections, pipe connections to the valve and gas cylinder valve with a 50:50 solution of detergent and water. A stream of bubbles forming indicates a leak. If a leak is found turn off at the regulator and disconnect the regulator from the bottle and remove the gas cylinder outdoors or to a well ventilated area. Contact your gas supplier for assistance. DO NOT USE THE HEATER.

6. After leak testing is satisfactorily carried out close the back door of the heater. It may be necessary to move the heater slightly to allow the regulator and hose to fit in the back without kinking the hose

HOW TO CHANGE A CYLINDER

- (a) Unplug the heater before take out the cylinder.
- (b) Turn off at the regulator and allow the heater to cool fully before removing and replacing the cylinder. Do not attempt to replace the cylinder whilst the heater is still running.
- (c) Cylinders must be replaced in a flame free environment.
- (d) Do not smoke while changing the cylinder.
- (e) When you need to replace your empty cylinder, turn the gas off at the valve or regulator of the cylinder and take the empty cylinder out of the heater.
- (f) Remove the regulator from the empty cylinder.
- (g) Following the steps described under "connecting the cylinder", connect a new cylinder.

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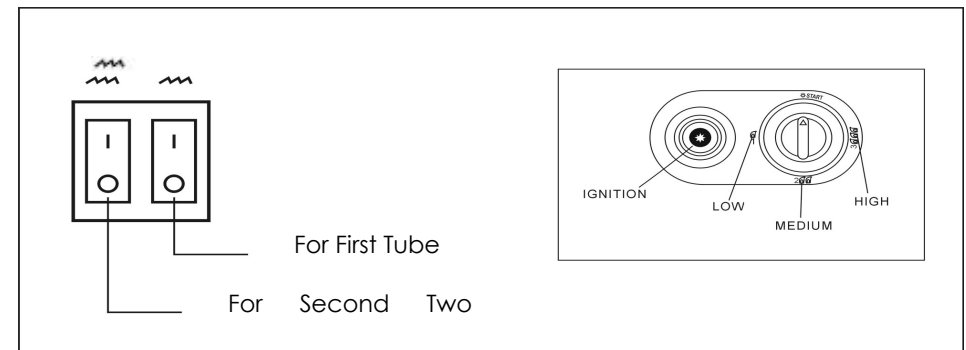
HEATING TUBE CONTROL

Plug in the heater, and then set the "First" and "Second" to select expected power.

First heating tube rated power input: 500W

Second two heating tubes rated power input: 1000W

Both Three heating tubes rate power input: 1500W



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