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USER MANUAL

LIFESTYLE SITE HEATER



FOR INFRARED HEATER (LFS903)

Read the instructions before use. This appliance must be installed in accordance with such regulations as are in force.

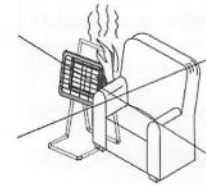
SAFETY PRECAUTIONS:



Always use the heater in accordance with these Instructions and keep them in a safe place for future reference.



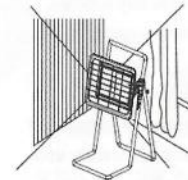
DO NOT place clothes or other material on the Heater. Apart from risk of fire, their presence will affect the efficiency of the appliance.



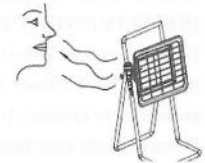
DO NOT position Heater close to furniture or fabrics



DO NOT move Heater from room to room when It is lit. Always disconnect the regulator and remove gas bottle before you move the heater to a different location



5. **DO NOT** position the heater facing a wall or near Curtains etc. **ALWAYS** face Heater towards the centre of room on a flat level surface. Never use the heater on an uneven surface.



If a leak is suspected, turn the gas off at cylinder. **DO NOT** disconnect the regulator. Extinguish all naked flames. Check all connections are tight. Slowly turn the gas on at the cylinder and brush the connections with soapy water or gas leak detection spray. If a leak is found, turn the gas off and inform your gas supplier. **DO NOT** use the Heater again until it has been checked by a registered gas engineer.

VENTILATION;

USE ONLY IN A WELL-VENTILATED ROOM.

DO NOT CHANGE CYLINDERS IN THE PRESENCE OF NAKED LIGHT OR FLAME

USING ENVIRONMENT

Your heater consumes oxygen while it is in use. For that reason, adequate ventilation should be provided in areas 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 which should be provided.

FOR INFRARED MODELS:

Number of Radiants Continuously IN USE	ROOM SIZE	VENTILATION	
		Low Level	High Level
2	70 cubic meters-say.7m*4m*2.5m	70cm2	70cm2

This appliance requires a hose and a regulator.
(USE HOSE AND REGULATOR SUPPLIED ONLY)

It should be installed only in a well ventilated area and a flame-free atmosphere.

It cannot be used in vehicles, caravans or auto caravans or motorhomes.

This appliance shall not be installed in high rise flats, basements, bathrooms or bedrooms. **THIS APPLIANCE IS NOT DESIGNED FOR USE INSIDE DOMESTIC DWELLINGS**

Always perform a gas leak test before and after you change the cylinder.

It is important that all gas connections have been correctly tightened to prevent any leakage.

Never use a match for gas leakage check. Use soapy solution or gas leak detection spray. No 6
IN SAFETY INSTRUCTIONS

Use your cylinder always in upright position. Never lay the gas cylinder on it's side.

If a newly filled cylinder is used, ignition might be impaired as there may be some inert gas present in the cylinder. In this case, change the cylinder with another one which is partially used.

When you light your heater for the first time or if a long time has passed since it was last used, light your heater first in open environment(garden).

Do not use your heater while sleeping.

Do not use your heater in high-rise flats.

Do not use your heater in basements, bathrooms or bedrooms.

This appliance should not be used in a permanent domestic dwelling.

This appliance requires a hose and a regulator, check with your gas supplier.

Please seek advice from your gas and regulator supplier so as use correct hose.

The guard on the 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 OR ELDERLY**

SAFETY PRECAUTIONS:

Use only in a well ventilated area.

The appliance shall not be used in basements or below ground level.

Not for domestic use

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

Keep instructions in a safe place.

The changing of cylinders must be undertaken OUTDOORS in a flame free atmosphere.

The appliance is designed for use with PROPANE cylinders 13KG .

Hoses must be checked for wear or damage when connecting the cylinder If damaged the hose must be replaced with a piece showing the correct date stamp.

DO NOT position heater near flammable materials. The following minimum distances should be respected: 100 cm from sides, 150 cm from front or 200 cm above the heater. The heater must never be placed with the radiant surface facing the cylinder.

The hose for this model must conform to the specification for hoses in the country of destination.

This heater is NOT for use in domestic dwellings.

This heater must only be used for space heating.

Do not use your heater while sleeping

Do not use your heater in high-rise flats

Do not use your heater in basements, bathroom or bedroom

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 and brush the connections with soapy solution or liquid detergent or a gas leak detection spray. If a leak is found, turn the gas off and inform your gas supplier. DO NOT use the Heater again until it has been checked by a qualified gas engineer.

TECHNICAL CHARACTERISTICS

Type :	Infrared Space Heater , mobile , equipped with Oxygen depletion system and flame failure Device .
Dimensions :	292*239*210 (D*W *H)
Category:	I 3P(37)

COUNTRIES OF DESTINATION : GB, IE

Gas :	G31
Pressure :	G31 Propane at 37mbar
Heater input :	ΣQ_n :3.5 kW
Consumption :	250 g/h (Full)
Injector size :	0.88mm
Ignition system :	Piezo Electric
Cylinder Type :	13kg Propane
Weight (kg)	2.5 kg

Lighting instructions.

The heater must only be used when:

The heater is mounted in its stand. The regulator supplied must be securely fitted to the gas hose supplied using one of the screwed clips supplied and the gas hose must also be securely fitted to the hose outlet of the gas valve on the heater with one of the screwed clips supplied. The heater must be placed on flat level ground with the heater radiant element facing away from the cylinder with the hose trailing at the rear of the appliance. The heater must never be used separated from its stand unit.

Connect the regulator to the gas cylinder valve following the instructions supplied with the regulator to ensure correct connection tighten with a correctly fitting wrench.

Turn on the cylinder valve and check for leakage on the regulator to gas cylinder connection, the gas hose to gas regulator connection and the gas hose to the heater valve connection with soapy water or leak detection fluid. If bubbles are showing the connection has a leak. Turn off the cylinder valve and retighten the connections. If a gas leak is still present after a second gas leak check consult your gas supplier.

If the heater is sound turn on the gas at the cylinder valve. Position the control knob so that the orientation dot is at a 6 O'clock position and depress fully. It will take at least 90 seconds to purge the air from the gas hose before gas starts to appear at the pilot assembly. During this period repeatedly press the piezo ignitor button on the back of the heater until the pilot flame ignites. When the pilot flame is alight continue to hold the control knob down to warm the thermocouple probe. If the pilot flame fails to remain alight, repeat the process until the pilot flame holds. To fully ignite the heater then slightly depress the control knob with the orientation dot at the 6 O'clock position and make a full quarter turn anti clockwise. Both heater plaques will now ignite. THIS HEATER IS NOT ADJUSTABLE. THERE IS ONLY ONE SETTING.

REPLACING AN EMPTY CYLINDER

1. Cylinders must be replaced in a non-flammable and non-smoking environment.
2. When you need to replace your empty cylinder, turn the gas off first.
3. Unscrew the regulator from the Valve of the cylinder and take the empty cylinder away from the heater.
4. Make sure that the heater is extinguished completely before you change the cylinder.

IMPORTANT

1. It is important that all gas connections have been correctly made to prevent any leakage. Never use a match for gas leakage check. Use soapy solution or gas leak detection spray to check leakage..
2. Use your cylinder always in upright position. Using the cylinders in horizontally layed down position will damage your heater and create serious safety conditions.
3. If a newly-filled cylinder is used, ignition might impair as there may be some inert gas present in the cylinder. In this case, change the cylinder with another one which is partially used.
4. This appliance requires a hose and a regulator. Please seek advice from your gas and regulator supplier so as to use correct hose.
5. The guard on the appliance is to prevent risk of fire or injury from burns and it should not be permanently removed.

WARNING:

1. Read this instructions before using this appliance.
2. Use an appropriate regulator which is fixed at 37 mbar for propane
3. Never disconnect the regulator while cylinder valve or regulator is open.
4. Don't change cylinders with in areas in which open fire exists.
5. Don't expose your cylinder to extreme heat.
6. Don't locate any other cylinders with in the space in which your heater is used.
7. Do not insert your finger or any other material through the front panel of the heater.
8. Leave at least 1 metre distance between your heater and the other heat source.
9. Do not let unauthorized persons interfere with your heater.
10. This heater must not be used without a gas cylinder fitted for stability purposes.
11. Do not cover your heater.
12. Fabrics, clothing and other flammable materials may ignite if placed against the outlets of your heater.
13. In the event of leakage, the appliance shall be turned off at the cylinder valve and the regulator disconnected from the cylinder.
14. After use, turn off the appliance at the gas container valve.
15. Only use in a well ventilated area.

1. Disconnect cylinder.
Store cylinder in a well-ventilated area away from combustible material.
2. Storage should preferably be in an outdoor area away from extreme heat.
3. The heater should be covered in a dry, dust-free medium in its original package.

MAINTENAINCE AND CLEANING

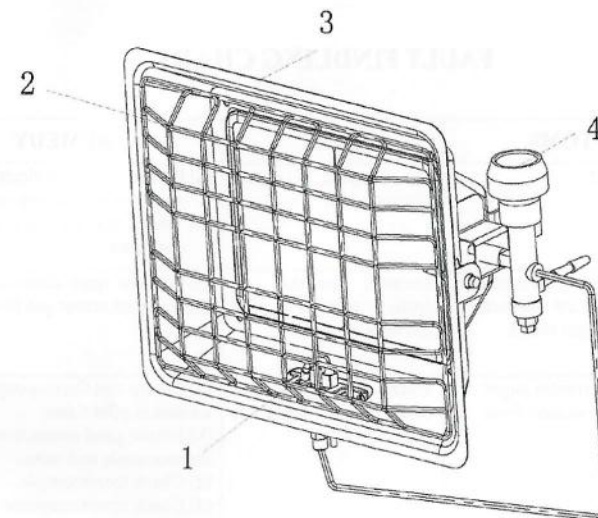
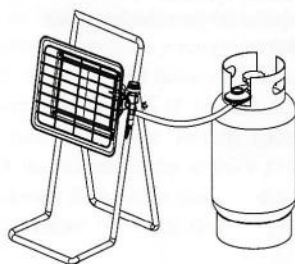
1. **DO NOT CLEAN** the heater when it is lit or just turned off.
2. Use a soft, dry cloth.
3. Do not clean with aggressive, abrasive or inflammable substances: they could cause a fire or damage the paint
4. Periodically check that the hose is intact and not expired and, if, have it replaced.
Do not use too long or short hoses, the correct length is the original one
5. Any repairs must be performed by specialized personnel and using original replacement parts.
6. To ensure the proper operation of the burner, we recommend annual maintenance to be performed at an authorized service centre.
7. **DO NOT MAKE ANY MODIFICATIONS** to the heater, it is dangerous!

ATTENTION:

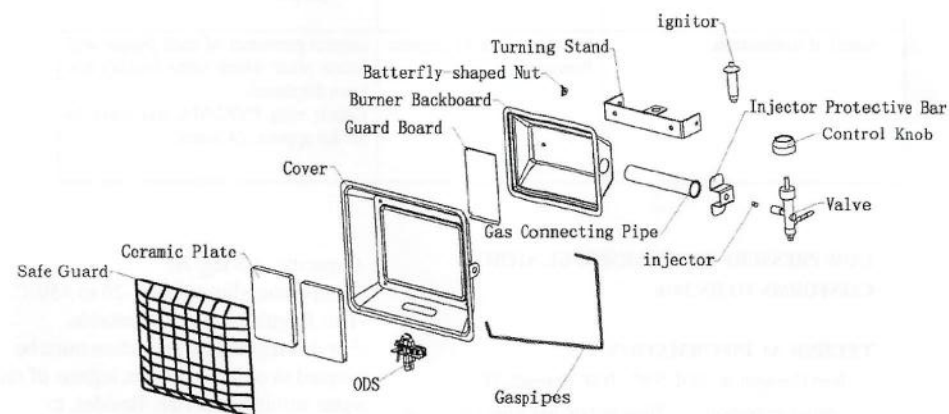
Spiders or small insects could take up residence inside the burner, pilot assembly or nozzles, altering the flow of gas and combustion; it is advisable to frequently inspect the above mentioned points and have them cleaned (if necessary) by specialized personnel.

(This type of service is not covered by the warranty)

REPAIRS ONLY TO BE CARRIED OUT BY AUTHORISED QUALIFIED GAS ENGINEER



- 1. ODS
- 2. Safety Guard
- 3. Cover
- 4. Control Knob



FAULT FINDLING CHART

SYMPTOMS	FAULT	REMEDY
Pilot will not light automatically.	No spark across electrode gap.	(a) Ensure that piezo-electric switch is functioning correctly. (b) Check that electrical lead is not damaged.
2. Pilot will not light automatically but points (a) to (b) are satisfactory and the pilot will light with a match.	Incorrect position of spark in relation to pilot gas flow.	Re-position spark electrode so that spark jumps across gas flow.
3. Heater will not remain alight when pressure is released from the control 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. After changing to maximum position both plaques alight. One or more plaques appear below normal intensively.	Blocked jet Partially blocked gas hose.	(a) Remove and clean blocked jet. (b) Remove gas hose, and blow through the tube.
5. Difficulty in cross lighting	Air draught directed away from first plaque. Position of the pilot flame.	(a) Change the location of the appliance so that it is not adversely affected by air draught. (b) Position pilot so that flame impinges across bottom corner of 2 nd plaque as well as 1 st plaque.
6. Smell of combustion.	Missing piece of ceramic fireclay.	Inspect perimeter of each plaque and locate place where some fireclay has been displaced. Repair with PYRUMA and leave to set for approx. 24 hours.

LOW PRESSURE PROPANE REGULATOR CONFORMS TO BS 3016

TECHNICAL INFORMATION

- Inlet Connection: POL 5/8" - BSP Thread L.H.
- Outlet Connection: Hose nozzle for 8mm Gas Hose
- Inlet Pressure: 20 bar
- Outlet Pressure: 37 mbar fixed

- Capacity: 1.5 Kg/ Hr
- Temperature limitations: -20 to +50°C
- This Regulator is not adjustable.
- For this regulator a protection must be adopted in order to prevent ingress of rain water within the device. Besides, to guarantee the regulator's correct operation.