



PORTABLE PROPANE HEATER & STOVE 4,000BTU/HR

MODEL NO: **LP11**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to
instructions



WARNING!
Hot surfaces



WARNING!
DO NOT cover



USE
OUTDOORS
ONLY

1. SAFETY

- ☐ **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.
- ✗ **DO NOT** store or use gasoline or other flammable vapours and liquids in the vicinity of this or any other appliance.
- ✓ Use outdoors only.
- ☐ **WARNING! IF YOU SMELL GAS**
 1. **DO NOT** try to light appliance.
 2. **DO NOT** touch any electrical switch;
 3. **DO NOT** use any phone in your building.
 4. Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.
 5. If you cannot reach your gas supplier, call the fire department or a qualified service agency.

NOTE: Installation and service must be performed by a qualified installer, service agency or the gas supplier. This is an unvented gas-fired portable heater. It uses air (oxygen) from the area in which it is used. Adequate combustion and ventilation air must be provided.

IMPORTANT: Read these instructions for use carefully so as to familiarize yourself with the appliance before connecting it to its gas cartridge or gas cylinder. Keep these instructions for future reference.
- ✓ This appliance may be used with any type 200 cartridges marked 'Butane' complying with EN 417. It may be hazardous to attempt to fit other types of gas cartridges or gas cylinders.
- ✓ When operating the heater at altitudes over 2134m above sea level the heater may shut off.
- ✗ **DO NOT USE THIS HEATER INSIDE.**
- ☐ **WARNING! CARBON MONOXIDE POISONING MAY CAUSE DEATH OR INJURY**

When used without adequate combustion and ventilation air, heater may give off excessive CARBON MONOXIDE, an odourless, poisonous gas. This is an unvented gas fired heater. The heater uses air (oxygen) from the area in which the heater is used. Adequate combustion and ventilation air must be provided. Early signs of carbon monoxide poisoning resemble the flu, with headache, dizziness, and/or nausea. If you have these signs, the heater may not be working properly. Get fresh air at once! Have the heater serviced. Some people - pregnant women, persons with heart or lung disease, anaemia, those under the influence of alcohol, those at high altitudes - are more affected by carbon monoxide than others.
- ☐ **WARNING! CHECK FOR LEAKS BEFORE USE**

Every time hose or tank is connected to unit, connection must be checked for leaks in one or more ways: Apply soapy water to connection, look for bubbles, listen for hiss of escaping gas, feel for extreme cold, smell for rotten egg odour. **DO NOT** use if leaking.
- ☐ **WARNING!** Any changes to this heater or its controls can be dangerous.
- ☐ **WARNING! DO NOT TAMPER WITH THE SAFETY SYSTEM**

This heater is equipped with a safety system designed to turn off the heater if not enough fresh air is available. If heater shuts off, **DO NOT** relight until you provide fresh air. If heater keeps shutting off, have the heater serviced. Keep the burner and control compartment clean.
- ☐ **WARNING! FIRE OR EXPLOSION HAZARD IF YOU SMELL GAS:**
 1. **DO NOT** attempt to light appliance.
 2. Extinguish any open flame.
 3. Disconnect fuel supply.
 4. Leave the area immediately.
 5. Allow gas to dissipate 5 minutes before relighting the appliance.
- ✗ **DO NOT** store or use gasoline or other flammable vapours and liquids in the vicinity of this or any other appliance.
- ☐ **WARNING!** Failure to follow these instructions could result in fire or explosion, which could cause property damage, personal injury, or death.
- ✗ **DO NOT** use needles, wires or similar cylindrical objects to clean the pilot to avoid damaging the calibrated ruby that controls the gas flow through the pilot orifice.
- ✗ **DO NOT** use the appliance if it has damaged or worn seals.
- ✗ **DO NOT** use an appliance which is leaking, damaged or which does not operate properly.
- ☐ Use the product away from flammable materials.
- ✓ Gas cartridge or gas cylinder shall be changed in a well-ventilated location, preferably outside, away from any sources of ignition, such as naked flames, pilots, electric fires and away from other people.
- ✓ If there is a leak on your appliance (smell of gas), take it outside immediately into a well ventilated flame free location where the leak may be detected and stopped. If you wish to check for leaks on your appliance, do it outside. **DO NOT** try to detect leaks using a flame, use soapy water.

- ✓ Check that seals (between the appliance and the gas cartridge or gas cylinder) are in place and in good condition before connecting to the gas cartridge or gas cylinder.
- ✓ The appliance shall be operated on a horizontal surface with the base fitted.
- ✓ **CAUTION:** accessible parts may become very hot. Keep young children away from the appliance.
- ✓ Check that burners are extinguished before disconnecting the gas cartridge or gas cylinder.
- ✓ Check the seals before connecting a new gas cartridge or gas cylinder to the appliance.
- ✓ Check that the cartridge is empty before changing it (shake to hear the noise made by the liquid).
- ✗ **DO NOT** modify the appliance.
- ✗ **DO NOT** use the appliance if it is shaking or unstable.
- ✗ **DO NOT** use non-approved attachments on this heater.
- ✓ Due to high temperatures, the appliance should be located out of traffic and away from combustible materials.
- ✓ Children and adults should be alerted to the hazard of high surface temperatures and should stay away to avoid burns or clothing ignition.
- ✗ **DO NOT** leave this heater unattended while it is in operation. Keep children and pets away from the heater at all times.
- ✗ **DO NOT** place clothing or other flammable material on or near the appliance.
- ✗ **DO NOT** operate heater in any moving vehicle.
- ✓ Only disposable cylinders marked with the proper fuel type approved for the appliance can be used.
- ✓ Gas pressure at heater is regulated and fixed at 28mbar.
- ✓ The regulator in the heater must always be in place during operation.
- ✓ Any safety screen or guard removed for servicing the appliance must be replaced prior to operating the heater.
- ✓ The appliance should be inspected before each use.
- ✓ Frequent cleaning may be required.
- ✓ The control compartments, burner and circulating air passageways of the appliance must be kept clean.
- ✗ **DO NOT** use this heater if any part has been underwater. Immediately call a qualified service technician to inspect the heater and to replace any part of the control system and any gas control, which has been underwater.
- ✗ **WARNING!** When heater is placed on the ground, make sure the ground is level. Keep objects at least 61mm from the front of the heater. If the ground is uneven and the ground is soft, a grounding device can be used. When using a grounding device, ensure that the grounding is vertical and firm.
- ✓ This heater is equipped with a tip over switch that will shut the heater off if the heater tips over.
- ✗ **DO NOT** leave heater unattended or where children may cause the heater to tip over.
- ✗ **NEVER** operate the heater while sleeping!



1.1. GENERAL INFORMATION

- ✓ The heater may experience nuisance shut-offs in windy conditions.
- ✓ When the heater is cold or at room temperature, it will take a few minutes for the burner tile to turn bright orange. This is normal.
- **WARNING!** If the burner tile is visibly flaming, turn heater off and call a qualified service technician.
- ✓ When the unit is lit, there should be about a quarter inch (1/4") border around the tile that will not turn bright orange. This is normal.
- ✓ When operating the heater for the first time, the top area of the reflector may discolour. This is normal.
- ✓ When operating the heater at altitudes over 2134m above sea level, the unit may not burn as bright as in lower altitudes. This is normal. At higher altitudes, the heater may shut-off. If this happens, provide fresh air, wait 5 minutes and re-light. Due to local atmospheric conditions heater may not re-light.
- ✓ Operating time will be approximately 5 hours on 453g gas cylinder. Due to the properties of LP gas, run times can be significantly reduced when operating continuously at temperatures below 6.5 °C.
- ✓ This heater is equipped with a tip-over safety switch. Nuisance shut-downs may be experienced if the unit is bumped or moved. If this occurs simply relight the heater.
- ✓ Due to natural operation of small tanks, condensation may build up on tank and drip on surface under heater. Sometimes this condensation may freeze due to the extreme cold caused when propane vaporizes. This is normal.
- ✓ **CAUTION:** flaring may occur during warm up or if the appliance is moved.

2. INTRODUCTION

Portable propane heater delivers 4,000Btu/hr output with adjustable angles of 45° and 90°, ideal for warming areas up to 9m². Measures 22.1cm x 20.6cm x 37.1cm and weighs only 2kg for easy portability. Can be used as a space heater and doubles as a stove with a flat top surface suitable for holding a pot. Features automatic low oxygen shut-off (ODS) and tip-over protection for safe operation in enclosed spaces. Intuitive controls with piezo ignition, long lasting heat with up to 5 hours runtime on a standard 500g cylinder (not included). Provides silent, odour-free heating for job sites, patios and outdoor activities such as camping and fishing.

3. SPECIFICATION

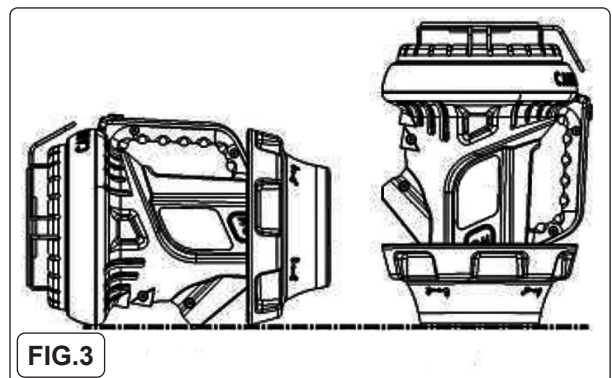
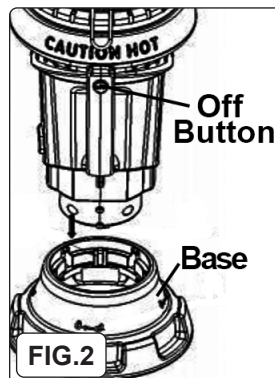
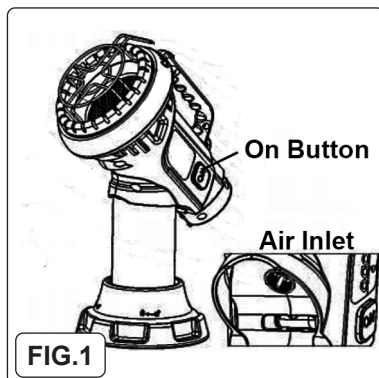
Model No:.....LP11
 Fuel Consumption: 86g/hr
 Fuel:Butane-Propane mixture
 Heated Area:9m²
 Nett Weight: 2kg
 Output: 4,000Btu/hr (1.2kW)
 Running Time (hrs): 5hrs
 Category: Direct Pressure

Clearance to Combustibles (tilted position):
 Top: 76cm
 Front: 61cm
 Side: 15cm
 Rear: 0cm
Clearance to Combustibles (vertical position):
 Top: 91cm
 Front: 15cm
 Side: 15cm
 Rear: 15cm

4. CONTENTS



5. PREPARATION



5.1. TILTED POSITION (FIG.1)

Align the LP gas cylinder with the air inlet of the heater. Tighten clockwise to ensure gas does not leak. Align bottom of the gas cylinder with the base of the heater. Twist to secure.

5.2. VERTICAL POSITION (FIG.2)

Align the locking buckle on the main unit with the groove on the base. Insert and rotate it in the direction indicated on the label.

5.3. STORAGE POSITION (FIG.3)

The unit can also be stored in the vertically or horizontally positions as shown.

6. OPERATION

CAUTION: accessible parts may become very hot. Keep young children away from the appliance. Allow the appliance to cool before moving and/or storing.

- ✓ Gas cartridge or gas cylinder shall be changed in a well ventilated location, preferably outside, away from any sources of ignition, such as naked flames, pilots, electric fires and away from other people.
- ✓ The gas cylinder used must be constructed and marked in accordance with the specifications for gas cylinders of the local regulation.
- ✓ Check the seals before connecting a new gas cartridge or gas cylinder to the appliance.
- ✓ Heater and attached cylinder must be in an upright position during operation.

IMPORTANT: The heater must not be exposed to flammable vapours or liquids during lighting.

6.1. FITTING/CHANGING GAS CYLINDER (FIG.1)

Screw disposable gas cylinder clockwise (from bottom) into appliance until hand-tight and fit cylinder into stand. If it is necessary to remove the gas cylinder by rotating it counter-clockwise until the cylinder is completely released from the thread.

IMPORTANT: Check cylinder connection for leaks with soapy water at the threaded connection under the domed plastic cover where the cylinder screws into the regulator. **DO NOT** use any exposed flame to check for leaks. **DO NOT** over-tighten.

6.2. LIGHTING INSTRUCTIONS (FIG.1)

Depress "ON" button (fig.1) to light pilot flame (repeat until pilot lights) and continue to hold for 30-60 seconds. After lighting pilot, release "ON" button to light heater.

- ❑ **WARNING!** If there is a leak on your appliance (smell of gas), take it outside immediately into a well ventilated flame free location where the leak may be detected and stopped. If you wish to check for leaks on your appliance, do it outside. **DO NOT** try to detect leaks using a flame, use soapy water.

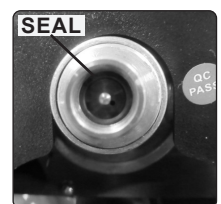
6.3. SHUTDOWN (FIG.2)

To shut off heater, press the "OFF" button (fig.2).

- ✗ **DO NOT** operate, store or remove LP cylinder near flammable items or ignition sources.

IMPORTANT: gas cylinders must be disconnected from heater when not in use.

- ❑ **WARNING!** After turning heater off, wire guard will remain hot. Allow to thoroughly cool before storing.



7. MAINTENANCE

- ✗ **DO NOT** modify the appliance.
- ✓ Any repairs must be performed by specialised personnel and using original replacement parts.
- ✓ Always keep the heater area clear and free from combustible materials, gasoline and other flammable vapours and liquids.
- ✓ Keep the vent areas (slots in the bottom and top of the heater) clear at all times.

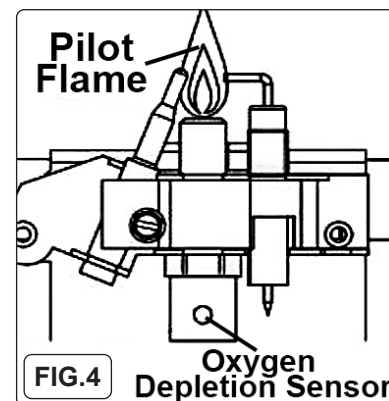
IMPORTANT: The heater and its surroundings should be kept clean and free of dust.

7.1. CHECKING THE PILOT FLAME

- 7.1.1. Visually inspect the pilot flame and burner periodically during use. The pilot flame should be blue in colour (not yellow) and will extend to the thermocouple. The flame will surround the thermocouple just below the tip, see fig.4.
- 7.1.2. A slight yellow flame may occur where the pilot flame and main burner flame meet. The burner should be bright orange (with a slight blue colour around the border, a red-orange haze that is visible on the (ceramic tile is acceptable) and without a noticeable flame.
- 7.1.3. A blue flame that rolls out at the top of the ceramic tile indicates an accumulation of dust, lint or spider webs inside the housing assembly and main burner assembly. If the pilot is yellow or the burner has a noticeable flame, cleaning may be required. It is necessary to periodically check the burner orifice and burner venturi to make sure that they are clear of things such as insect nests and spider webs that may accumulate over time. A clogged tube can lead to a fire.
- ✗ **DO NOT** use needles, wires or similar cylindrical objects to clean the pilot to avoid damaging the calibrated ruby that controls the gas flow through the pilot orifice. Clean with a soft cloth.

7.2. OFFSEASON & STORAGE

- 7.2.1. If the heater is put into storage, make sure to disconnect the (LP) gas cylinder.
- 7.2.2. When the LP gas cylinder is not disconnected from the heater, the heater and cylinder must be located outdoors, in a well-ventilated space, out of the reach of children, and must not be stored in a building, garage, or any other enclosed area.
- 7.2.3. Storage of the heater indoors is permissible only if the cylinder is disconnected and removed from the heater. Cylinders must be stored outdoors, in a well-ventilated space, out of the reach of children, and must not be stored in a building, garage, or any other enclosed area.



8. TROUBLESHOOTING

For additional assistance or information, please call an authorised service centre. Any repairs must be performed by specialised personnel and using original replacement parts.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Spark electrode does not produce spark.	Spark electrode broken.	Replace ODs (Oxygen Depletion sensor).
	Igniter wire may not be attached to spark electrode.	Attach igniter wire.
	Igniter wire damaged.	Replace igniter wire.
	Piezo igniter is defective.	Replace gas valve assembly.
Spark electrode produces spark but pilot does not light.	No gas to heater.	Connect hose to heater and turn on valve at remote cylinder.
	Pilot is blocked with foreign debris.	Clean pilot. See maintenance section.
Pilot flame does not stay lit when knob is released.	Improper pilot lighting.	Make sure that the control knob is completely depressed in the "PILOT" position and held long enough to purge air from lines and to heat up thermocouple once the pilot flame appears.
	Pilot flame not surrounding thermocouple.	Clean pilot - see maintenance.
	Pilot assembly is defective.	Replace pilot assembly.
	Tip switch wires are disconnected.	Connect tip switch wires (check off switch and off switch wiring).
Main burner does not ignite.	Main burner orifice is blocked.	Clean burner - see maintenance.
Heater keeps shutting OFF during normal operation.	Pilot is blocked.	Clean pilot - see maintenance.
	Tip over switch activated from bumping heater.	Relight.



ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



REGISTER YOUR PURCHASE HERE

Note: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

Important: No Liability is accepted for incorrect use of this product.

Warranty: Guarantee is 12 months from purchase date, proof of which is required for any claim.

Jack Sealey Ltd t/a Sealey Group, Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk, IP32 7AR UK
Jack Sealey (EU) Ltd t/a Sealey Group, Farney Street, Carrickmacross, Co. Monaghan, A81 PK68 Ireland
Tel: 01284 757500 • **Email:** sales@sealey.co.uk • **Web:** www.sealey.co.uk