

Gas Firepit Patio Heater Arcturus



Instruction Manual

Please read the 'getting started' section of this manual,

BEFORE you unpack the burner

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Specification

The Gas Firepit Burner is designed to work with the following Gas Types

Gas Type	LPG - G31 Propane	LPG - G30 Butane
Appliance Category	I 3+	I 3+
Supply Pressure	37 mbar	28-30 mbar
Heat Input	9 kW - 18 kW	9 kW - 18 kW
Maximum Flow Rate	1.3 kg/hr	1.3 kg/hr

Getting Started

Unpacking the Box

Your Gas Firepit will arrive in two boxes, one containing the burner, and the other with the lava rock.

As you remove the main firepit, place it down carefully on the floor, keeping it upside-down for easy assembly.

Extreme care should be taken when handling the assembly, to ensure the gas pipes, the thermocouple lead, and piezo HT lead underneath the burner are not loosened, or damaged

Factory Burn Test

Please note: ALL Firepit Burners have been burn tested prior to leaving the factory. Although each unit is cleaned, there may be the odd scorch mark around the pilot and main burner gas jets.

Gas Bottle & Regulator

A regulator having a capacity of a minimum of 1.3kg/hr at a supply pressure of a maximum of 37 mbar must be used. However, we recommend a 4kg/hr regulator. This does not use more gas, it just allows the burner to be used for longer periods, as the smaller regulator tends to freeze up after a few hours.

LPG gas hose should be checked regularly to ensure it is in good condition. It is recommended that it is replaced in accordance with standard practices

Propane or Butane?

Although the burner will work with either Propane or Butane, there is a difference between the two gasses. Butane cannot be used in temperatures below 5°C, whereas Propane can be used all year round. **We recommend Propane**

Safety Instructions

Please read before installing and operating your new Gas Firepit Burner.

This appliance must only be used outdoors.

WARNING Accessible parts may be very hot, Keep children away.

Any modification to this appliance may be dangerous and is not permitted.

The gas valve has been set by the manufacturer. Valve adjustment screws must not be altered by the user.

DO NOT connect the Gas Firepit Burner to any form of gas supply, until it has been fully assembled.

DO NOT attempt to light the burner, if you can smell gas. Immediately shut off the gas supply at the bottle.

DO NOT use the Gas Firepit for cooking.

DO NOT throw anything into the Firepit.

DO NOT use the Firepit in windy conditions.

DO NOT leave the Firepit unattended when in use.

DO NOT allow small children near the Firepit.

DO isolate the gas supply at the bottle, when not in use.

DO follow all instruction regarding the care and use of LPG gas bottles. (Contact your local LPG supplier for advice)

DO ensure the gas bottle is located a safe distance from the firepit.

DO ensure the gas control lever is in the OFF position, when changing the bottle.

Warning. Flames from the firepit burner are almost invisible in direct sunlight.

For further safety advice refer to the Operating Instructions within this manual.

What's Included

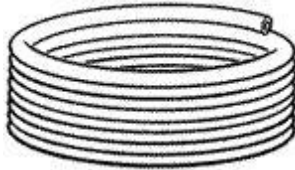
Gas Firepit
Table including
Burner



Volcanic Lava
Rocks



4 Mtrs Hose
2 x Hose Clips



Assembly

Attach the Gas Hose

With the unit upside-down, attach the gas hose to the gas inlet connector. Secure with the hose clip supplied. New hose can be quite stiff and hard to push onto the inlet pipe, so soften the end of the hose by running it under a hot tap for a few seconds. Try not to get water inside the hose.

Turn over

Now turn the whole assembly up the right way, To ensure you do not damage the unit, this might be a two person job.

Add Lava Rocks

This should be carried out, outside.

The final part is to cover the burner with lava rock. DO NOT simply tip the bags of lava rock onto the Burner, as the bags usually contain some fine dust which could clog the burner jets. (and make a mess of your patio) It's best to empty the bags into a suitable container and then place the rocks by hand around the burner. Make sure the cage around the pilot light is kept clear to allow air to reach.

Congratulations, your Gas Firepit Patio Table is now assembled and ready for use.

Location

Select a Suitable Location

Before you light the burner you must consider it's location. The heat above the burner can be quite considerable so never place the Firepit under any form of roof covering, or near overhanging trees etc. It must be located at a safe distance from your house, or any combustible structure, such as a shed, or wooden fence etc. Never use a gas fire pit close to a power source, or overhanging power cables. Generally, a distance of at least 3 meters from nearby structures is recommended. Never use a gas Firepit inside your home. Fire pits are meant for outdoor use only.

What's Underneath?

You also need to consider what you are placing the firepit on. The heat directly below the burner can be quite considerable. It should never be placed on anything combustible. If you wish to use the Firepit on a lawn or decking then cover the area with paving slabs or some form of suitable heat resistant barrier under the burner.

The Gas Hose

It's extremely important that you DO NOT route the gas hose under the burner. It should only ever come out at the front of the Firepit, ie the side with the gas control lever. Do not route it to the side or back of the burner. Do not allow the hose to touch any part of the Firepit. The hose should be located so that it is not a trip hazard, it is not subjected to undue strain or placed where it could be damaged.

Operating Instructions

Although the operation of the Firepit is relatively simple, this section mainly relates to the safety aspect.

Before use

- Ensure there are no gas leaks. If you smell gas, DO NOT USE. See Safety Instructions.
- Check the burner area for any combustible material that may have fallen into the pit, such as leaves, twigs, paper, or anything that does not belong. Remove and dispose of.
- Check and sweep the immediate surrounding area for anything combustible, which might get blown into the pit.
- Consider the Wind factor. A strong wind can quickly lead to huge flames, which could be difficult to control. It is best to wait till the wind has subsided, before you light the Firepit.

How to operate

- Turn the gas supply on. (At the bottle)
- Ensure there are no gas leaks. If you smell gas, turn the gas off immediately. DO NOT USE.
- Turn lever to pilot position.
- Push lever hard, and hold. Press ignition, Repeat until pilot light is lit. Note, this can initially take some considerable time to purge the air in the pipes, particularly after disconnecting and reconnecting the gas bottle.
- Once the pilot is lit, keep the lever pressed in for a further 10 seconds, then release. If pilot goes out, try again.
- Once pilot is lit turn lever quickly to full on position. Main burner will light.
- Adjust lever between high and low position as required.

During Use

- The firepit table is made from steel which conducts heat and will get hot during use. Particularly the area nearest the flames. DO NOT touch any part of the unit.
- Do not move the firepit once lit.
- Adjust lever between high and low position as required
- A supervising adult must always be present around a gas Firepit.
- Children must never be left alone or unsupervised around the Firepit.
- Do not throw anything into the Firepit
- Do not run when approaching the Firepit, in case you trip and fall in.
- Do not attempt to jump across the Firepit.

Operating Instructions

After Use

- Turn lever to 'Pilot' position. The main burner will go out.
- Turn lever to 'Off' position. The pilot light will go out.
- Do not leave the area before the flames are completely out.
- Even after you turn it off, the Firepit will be considerably hot for some time. If there is a chance anything flammable could get blown onto the Firepit, DO NOT leave it unattended until it has cooled sufficiently.
- Children must never be left alone or unsupervised while the Firepit is still hot.
- Turn gas supply off, at the bottle.

Weather Protection

The burner and the table are manufactured from stainless steel, which does not rust so it can be left outside. However, rain can sometimes enter the burner tubes and particularly the small pilot jet which can become blocked. This won't damage the burner and once it dries out it will operate normally.

Also rain will short out the piezo ignitor, but once it dries out it will function normally.

When the appliance is not being used it's advisable to cover it to keep the worst of the rain out.

Maintenance

- Ensure the Burner area is kept clean and clear of dirt and especially anything combustible.
- The lava rocks will show signs of soot, which will not harm the rocks, but could build up and block the Burner jets. Simply remove the rocks and wash and scrub with a stiff brush to remove the soot.
- If you haven't used the Firepit for some time, it might attract spiders and other insects. It's recommended you remove the lava rocks. Clear the burner area of anything that doesn't belong and then replace the lava rocks.

Troubleshooting

Pilot fails to light.

- Make sure the main gas supply is turned on. (Check bottle is not empty)
- Try pressing the ignition button several times. Make sure you are keeping the main gas lever pressed in for at least 10 seconds. It's quite a strong spring.
- If the ignition button stays in, lubricate with WD40 with the burner not lit.
- Keep trying as it can take quite some time to purge all the air from the pipes.
- Move the lava rocks from above the pilot cage, and ensure cage area is clear. Try relighting.
- Try lighting the pilot with a match or lighter, as the spark electrode might be wet and inoperative.

Main Burner fails to Light

- If the pilot is lit, there is no reason the main burner would not light.
- If the pilot is not lit, the flame failure device has cut off the gas supply. Wait 2 minutes, then try relighting the pilot.

Main Burner suddenly goes out.

- If the pilot is extinguished for any reason, ie a sudden gust of wind, or it started raining, then the main gas supply is automatically cut. Turn the control lever to the off position, and leave for 2 minutes before relighting the pilot. Once the pilot is lit, the main burner will work.
- Your gas bottle is maybe empty. Replace the bottle for a full one.

Return to Base Manufacturers' Warranty

To validate this manufacturer's warranty, you must return the enclosed registration card.

All Gas Firepit Burner delivered to a UK mainland address are covered by our 12 month return to base limited warranty. Should you have any problems, please use the contact details at the back of this manual. Please quote your invoice number and serial number, (which can be found on the label on the control box). Also, if purchased through a dealer or installer, his name and contact details.

Firepits UK Ltd make every effort to ensure all firepit burners leaving our factory are in perfect working order. Each burner is 'burn tested', to ensure it functions safely and correctly.

To return your firepit burner, you must first obtain a returns number. Goods returned without a valid returns number will be rejected.

1. Return to Base warranty warrants the firepit burner to the end user, against defects in materials and workmanship for the period of one year, which begins on the date of purchase by the customer.
2. Under a return to base warranty the end user is responsible for the cost of packaging and shipping the unit to us. We are not liable if the machine is improperly packed resulting in damage during transit. Please retain all original packaging together with manuals, as this will assist in returning the product in the correct packaging.
3. We will rectify the fault within a reasonable amount of time from the point or receipt at our factory.
4. The Return to Base warranty covers only those defects which arise as a result of normal use of product, and do not apply to any: Improper & inadequate maintenance or modification. Repairs carried out by non-authorized persons. Damage caused by improper handling or installation. Operation outside the product specifications. Physical damage, accidental damage, neglect, or user abuse. Normal wear and tear.
5. If there is no fault found or the problem has been caused by third party installer, user error or physical damage and any of the reasons stated in section 4, a no fault found charge may be applied, you will be emailed and phoned to confirm this charge within 7 days of the item being tested, you will also be charged return carriage for return of your goods.
6. The warranty applies to the original owner of the firepit burner and is non transferable.
7. We reserve the right to repair or replace any faulty components. Faulty goods may be replaced with factory-refurbished products.
8. The warranty is void if, there is any attempt made to repair the system by a non-authorized third party, or if the system is inadequately or improperly maintained or modified All repairs and replacements will carry a 90 days warranty or the original warranty balance, whichever is greater.
9. We reserve the right to replace discontinued products that are still under warranty with the nearest equivalent specification product.
10. This document is not proof of purchase or proof of warranty,

Non-Faulty Returns Conditions

For non-faulty returns purchased directly from Firepits UK Ltd, please contact us for a returns number. All non-faulty returns must be returned within one month of purchase. They must be returned undamaged in their original undamaged packaging, along with all accessories and manuals etc. If any returned item is damaged or parts missing, including the original packaging and manuals etc, we reserve the right to charge a 15% restocking fee. Goods returned after one month of purchase will be liable for a 15% restocking fee. Any goods found to be damaged upon receipt at our factory, may be subject to a repair fee of up to 50%.

Goods Damaged in Transit:

If goods are visibly damaged on receipt, it's very important to sign for the goods as damaged on arrival with the courier and then contact us immediately.

Parts List

Part No	Part Description
FP03-03	Round Table & Burner
FP01-06	Pilot Cage
FP01-A02/1	Pilot Burner, Support & Screws x 2
FP01-A02/2	Pilot Thermocouple
FP01-A02/3	Piezo Electrode
FP01-A02/4	Piezo HT Lead
FP01-A02/5	Pilot Mounting Bracket
FP01-A02/7	Pilot Flexible Gas Pipe
FP01-A03/1	Gas Control Valve
FP01-A03/2	Gas Control Valve Lever
FP01-A03/3	Gas Control Valve Lever Grub Screw
FP01-A03/4	Piezo Unit
FP01-A03/5	Main Flexible Gas Pipe
FP01-A04/1	Lava Rock
FP01-A04/2	LPG Hose 4mtr
FP01-A04/3	Hose Clips x 2

Contact Details

Gas Firepit Patio Heater	
Name	Firepits UK Ltd
Phone	02380 336723
email	sales@gasfirepits.co.uk
Address	10 Shirley Road Southampton Hampshire SO15 3EU

Serial Number: S/N _____