



## 13kW Heat Focus Patio Heater

### Assembly & User Instructions



Universal Innovations

599A  
IE/GB

Dear Customer,

We tried to achieve two targets when developing this product. The first was to produce the best quality heater on the market. The second was to produce the most cost-effective heater. We feel that we have achieved these two objectives however we would be delighted to hear from you if you have any comments.

Thank you for purchasing one of the products in our range. We wish you many enjoyable warm hours.

Yours Sincerely

Chairman

### GUARANTEE

The 13kW patio heater is made by Universal Innovations to an exacting quality standard and is covered by the following guarantee:

#### THIS PRODUCT HAS A 5 YEAR LIMITED WARRANTY, REGARDING PROPER USE:

Thermocouple, tilt switch and electric ignition: 2 years  
All other parts: 5 years

This guarantee does not affect your statutory rights in any way.

**HELPLINE Dublin Ireland**  
**00 353 1 2873797**

**IF YOU NEED ANY ASSISTANCE PLEASE DO NOT HESITATE TO CONTACT US DIRECTLY AT THE FACTORY. DO NOT BRING GOODS BACK TO PLACE OF PURCHASE.**



see [www.saharabbs.com](http://www.saharabbs.com) for more information  
phone (00 353) (1) 2873797 | email [info@saharabbs.com](mailto:info@saharabbs.com)

3kW Portable flueless gas stove  
**Sahara**



For more information, contact us at: [www.saharabbs.com](http://www.saharabbs.com) p: (00 353) (1) 2873797 e: [info@saharabbs.com](mailto:info@saharabbs.com)

**X450 BARBECUE**

**X350 BARBECUE**



OTHER PRODUCTS IN OUR RANGE

**Technical Specifications:**  
Overall Height: 2.4 meters approximately.  
Gas Category: 1<sup>ap</sup> (37)  
Overall Width: 865 millimetres approximately.  
Heat Input (Q<sub>in</sub>): 13 kW Net. (44356 BTU/H)  
Control Valve: Combined gas valve and flame failure device.  
Setting Pressure: 37mbar  
Main Burner Type: Pressed steel venturi.  
Injector Size: 1.82 mm  
Regulator Outlet Pressure: 37mbar (27mm clip on)  
+ Type:

**Service Procedure:**  
Servicing to be carried out by qualified gas technician, every 100 hours of use.

- Remove regulator from cylinder.
- Remove reflector "Parasol" Assembly.
- Remove "Burner Mesh" for examination and cleaning.
- Vigorously wire brush mesh inside and out to remove any clogging deposits.
- Remove windshield guard to expose main burner assembly.
- Examine, clean or replace main injector, ignition electrode, thermocouple and gas pipe O ring as required. During storage, particularly, insects or foreign matter may get into gas line/nozzle. Ensure that the gas line is completely clear before use.

**Leak Test:** There are a number of ways to check the gas for leaks. We recommend a leak detector spray or soapy water applied onto the joints with a small paint brush be used. Leaks can be seen as small bubbles at the outlet point. DO NOT check for leaks using a naked flame. Check the condition of the hose monthly and each time the cylinder is changed. If the hose is in any way degraded, replace it immediately with the same specification of hose. Hose length must be 150cm.

The product is fully guaranteed for 2 years regarding proper use.  
For servicing contact your local gas supplier or phone  
**Universal Innovations Helpline 00 353 1 2873797**  
For further information on the heater and its parts, please contact the factory direct.  
Helpline Hours, 9am - 5pm Mondays to Fridays. 00 353 1 2873797.  
We are located at: Universal Innovations,  
Kilcoole Industrial Estate, Kilcoole, Co. Wicklow, A63DX27, Ireland.

TECHNICAL & SERVICING INFORMATION

**ASSEMBLY MUST BE CARRIED OUT BY A COMPETENT PERSON.**

**Important** - while every precaution has been made in the manufacture of this product, care must be taken during assembly in case sharp edges are present.

<p><b>Step 1</b></p> <p>For Step 1 use: 6 x Bolts Ref B</p>  <p>Fix cylinder chamber supports <b>A, B, C</b> to corresponding sections on base. Finger tighten only at this stage.</p>	<p><b>Step 2</b></p> <p>For Step 2 use: 6 x Bolts Ref B 6 x Nuts Ref E</p>  <p>Fix lower support pole to cylinder chamber supports. Finger tighten only.</p>	<p><b>Step 3</b></p> <p>For Step 3 use: 8 x Bolts Ref A 8 x Nuts Ref E</p>  <p><b>1</b> Fit the cylinder chamber wall to the cylinder chamber supports. Finger tighten only.</p> <p><b>2</b> Hang door on hinges. Ensure correct alignment and tighten all bolts securely.</p>	<p><b>Step 4</b></p> <p>For Step 4 use: 3 x Bolts Ref A 3 x Nuts Ref E</p>  <p>Fit cylinder chamber top onto cylinder chamber support legs.</p>
<p><b>Step 5</b></p> <p>For Step 5 use: 3 x Bolts Ref B 3 x Washer Ref F 3 x Spring Washer Ref G</p>  <p>Fit upper support pole to lower support pole.</p>	<p><b>Step 6</b></p> <p>For Step 6 use: 4 x Bolts Ref B 4 x Washer Ref F 4 x Spring Washer Ref G</p>  <p>Feed gas hose down through pole. Secure the lantern to the top of the support pole. Attach regulator to other end of hose and secure with hose clip.</p> <p><b>Note:</b> for ease of fitting hose, lubricate nozzles with a soap solution.</p> <p>Unscrew sparker button and insert battery, positive side up.</p>	<p><b>Step 7</b></p>  <p>Using the pre-fitted R-clip and pin, secure the reflector handle to the bracket as shown.</p>	<p><b>Step 8</b></p> <p>For Step 8 use: 18 x Bolts Ref A 18 x Nuts Ref E 3 x Bolts Ref C 3 x Washer Ref D</p>  <p>Loosely screw parasol side panels together overlapping as shown. Fix the top panel to the top of the assembled side panels and then fully tighten all bolts. Fit reflector to lantern as shown.</p>

**TEST FOR LEAKS WITH PROPRIETARY LEAK DETECTION FLUID OR SOAPY WATER APPLIED WITH A SMALL PAINTBRUSH.**

**USER INSTRUCTIONS**

Read the **instructions before use**. This appliance must be used, and the gas cylinder stored, in accordance with the regulations in force. The patio heater should be positioned on a level surface.



**For use outdoors or in amply ventilated areas. An amply ventilated area must have a minimum of 25% of the surface area open. The surface area is the sum of the walls surface (see Fig. 1).**

**To fit a Propane Gas Cylinder:**

Change the gas cylinder in an amply ventilated area away from any ignition source (candles, cigarettes or any other flame producing appliances). Ensure that the area is free from any unprotected combustible material or substance.

1. Open door to access hose and regulator.
2. Attach the regulator to the new cylinder and check regulator seal is correctly fitted (see instructions with regulator.)
3. Sit cylinder into the cylinder housing, ensuring that the hose is not twisted or damaged in any way.
4. Use gas cylinders with a gas capacity of 10 - 13kgs.
5. Test for leaks with proprietary leak detection fluid or soapy water applied with a small paintbrush.

**Lighting instructions:**

1. Turn on gas supply at cylinder. Unscrew sparker button and insert battery, positive side facing outwards.
2. Push control dial in and turn to position .
3. While the control dial is held pressed in at position , press sparker button to ignite the burner. If there is no spark, check the battery type AA is correctly fitted.
4. Once ignition has occurred, keep holding control dial in for at least 10 seconds to ensure heater stays lit.
5. If burner does not light after attempting for 20 seconds, wait 1 minute and try again. Do not continuously hold the dial in as you may cause a build up of gas.
6. In windy conditions, shield from wind to ensure easy lighting.
7. Turn control dial to high or low flame position as required.

**(IF FITTING A NEW GAS CYLINDER, YOU MAY NEED TO HOLD THE DIAL IN FOR AS LONG AS A MINUTE TO ALLOW ALL THE AIR TO BE EXPELLED FROM THE GAS LINE.)**

**To Turn Off:**

1. Turn control dial to position .
2. Push control dial in and turn to position .
3. Turn the gas off and disconnect at the cylinder when not in use.

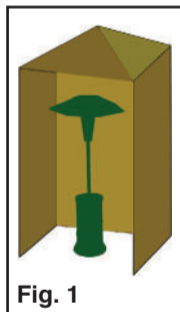
In the event of a gas leak turn off the gas supply at the gas cylinder, and contact a competent gas technician immediately.

**Cleaning:** Abrasive cleaners are NOT to be used. Clean unit with a damp cloth when fully cooled.

**Winter Storage:** Remove cylinder from unit. For ease of storage we advise that the parasol be removed. This can easily be done by removing the 3 bolts, and lifting the parasol off. Be sure that the heater is fully cooled before proceeding with this operation.

**Do Not Bring Goods Back To Place Of Purchase.**

For help, contact the factory helpline. Helpline hours: 9am - 5pm Monday to Friday. Ph: **00 353 1 2873797**, email: [info@saharabbqs.com](mailto:info@saharabbqs.com) or visit us at [www.saharabbqs.com](http://www.saharabbqs.com)



**SAFETY INSTRUCTIONS**

- DO NOT:** Attempt to use the heater indoors. This product is only for use in outdoor and well ventilated areas and is only to be used for space heating. Do not use below ground level.
- DO NOT:** Use any other gas except Propane (G31). This unit was designed for propane use only.
- DO NOT:** Attempt to clean the heater until it is turned off and fully cooled.
- DO NOT:** Use naked flame to detect suspected gas leaks.
- DO NOT:** Allow children or pets to play near the heater.
- DO NOT:** Use conventional awnings, tents or gazebos over Patio Heaters. Use only purpose made gazebos, designed for such a purpose.
- DO NOT:** Leave this product unattended when in use.
- DO NOT:** Use an adjustable regulator with this appliance.

**WARNING!**

Never attempt to light unit if the hose is loose or damaged in any way. Also never attempt to light the unit if you have reason to believe that the unit may be leaking gas. Have the unit fully checked by a competent person, in accordance with the instructions enclosed. We recommend a frequency of servicing every 100 hours of use.

- DO:** Place heater on a flat, level and solid surface at all times.
- DO:** Wait for 3 minutes before relighting, if the burner flame becomes extinguished during use.
- DO:** Ensure that all naked flames are extinguished before fitting a new cylinder.
- DO:** Store gas cylinders outdoor, above ground level and in a safe and secure environment.
- DO:** Make sure that the gas supply at the gas cylinder is turned off after use.
- DO:** Ensure that servicing of the unit is carried out by a competent person in accordance with the instructions enclosed.

**NOTE:** It is normal for the Patio Heater to produce smoke during its first three minutes of use. This is caused because it burns off the protective oil film on the metal surface.

- ALWAYS:** Follow any safety instructions supplied with gas cylinders.
- ALWAYS:** Keep unit well away from glass doors and windows to ensure no possibility of heat build up and damage.
- ALWAYS:** Avoid leaving the heater exposed to extreme wind conditions as it might blow over and damage the unit and other items.
- ALWAYS:** Ensure a minimum clearance above and beside of 0.6M from non protected combustible materials both vertically and horizontally. **See fig 2.**

- Shut off the valve at the gas cylinder or the regulator before moving the appliance.
- Do not connect the gas cylinder directly to the appliance without regulator.
- Do not move the appliance when in operation.
- The use of this appliance in an enclosed area can be dangerous and is prohibited.
- Do not obstruct the ventilation holes of the cylinder housing.
- The tubing or the flexible hose must be changed within the prescribed intervals.
- Use only the type of gas and the type of cylinder specified in these instructions.
- In case of violent wind precautions must be taken against the tilting of the appliance.
- Keep the instructions for future reference.
- Read the **instructions before** installation.
- In the event of gas leakage turn off the appliance at the gas supply and contact our helpline for assistance: **00 353 1 2873797**

