

*m e m p h l s*

13kW Patio Heater

## Assembly & User Instructions



Universal Innovations



## GUARANTEE

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

**THIS PRODUCT HAS A LIMITED 5 YEAR WARRANTY,  
REGARDING PROPER USE.**

All body parts:	5 years (excludes fading/colour change)
Wheels:	5 years (no rust through)
Burner:	5 years (no rust through)
Parasol:	5 years (no rust through)
Lantern housing:	2 years (no rust through)
Burner mesh:	2 years (no rust through)
All remaining parts:	2 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.**

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

# 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:** Move the appliance when in operation.

**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 a 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.

**DO:** Use only the type of gas and the type of cylinder specified by the manufacturer.

**DO:** Shut off the valve at the cylinder or the regulator before moving the appliance.

**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.**

- The use of this appliance in an enclosed area can be dangerous and is prohibited.
- Gas category I3P
- The appliance must be installed and the gas cylinder stored in accordance with instructions and local regulations.
- Do not obstruct the ventilation holes of the cylinder housing.
- The flexible hose must be changed within the prescribed intervals.
- In case of violent wind particular attention must be taken against the tilting of the appliance.
- Keep the instructions for future reference.
- In the event of gas leakage turn off the appliance at the gas supply and contact our helpline for assistance. **TEL: 00 353 1 2873797**



## TECHNICAL & SERVICING INFORMATION

This appliance is designed for external use only using Propane (G31) gas at a supply pressure of 37 millibar and must be serviced by a competent person in accordance with the instructions included. Please read all accompanying documentation carefully.

### Technical Specifications:

<b>Overall Height:</b>	2.13 meters approximately.
<b>Gas Category:</b>	I3+
<b>Overall Width:</b>	865 millimetres approximately.
<b>Heat input(-Qn):</b>	13 KW Net. ( 44356 BTU/H )
<b>Control Valve:</b>	Combined gas valve and flame failure device.
<b>Setting Pressure:</b>	37mbar
<b>Main Burner Type:</b>	Pressed steel venturi.
<b>Injector Size:</b>	1.82 mm
<b>Regulator Outlet Pressure + Type:</b>	37mbar (27mm clip on)



### Servicing 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" 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.

**Note:** 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

**Calor Direct U.K. 0800 662 663. 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, Ireland.

# USER INSTRUCTIONS

Read the instructions before installation & use. The appliance must be installed and the gas cylinder stored in accordance with the regulations which are currently 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 surface area open. The surface area is defined as the 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. Lift "Gas Cylinder Chamber" 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.



## Lighting instructions:

1. Turn on gas supply at cylinder.
2. Push dial in and turn to position .
3. While dial is held pressed in at position , press spark button repeatedly to ignite the burner.
4. Hold dial in for at least 10 seconds to ensure burner stays lit. If the burner is not lighting, repeat steps as above, and hold dial in for 20 seconds. Do not continuously hold dial in as you may cause a build up of gas.

**(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.)**

5. In windy conditions, shield from wind to ensure easy lighting.
6. Turn dial to one of the higher flame positions as required.

## To Turn Off:

1. Turn dial to position .
2. Push in and turn to position .
3. Turn off gas supply at gas cylinder.

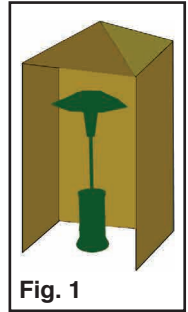
In the event of a gas leak turn off the gas supply at the gas cylinder, and contact a competent gas technician immediately.

**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@uig.biz** or visit us at **www.uig.biz**



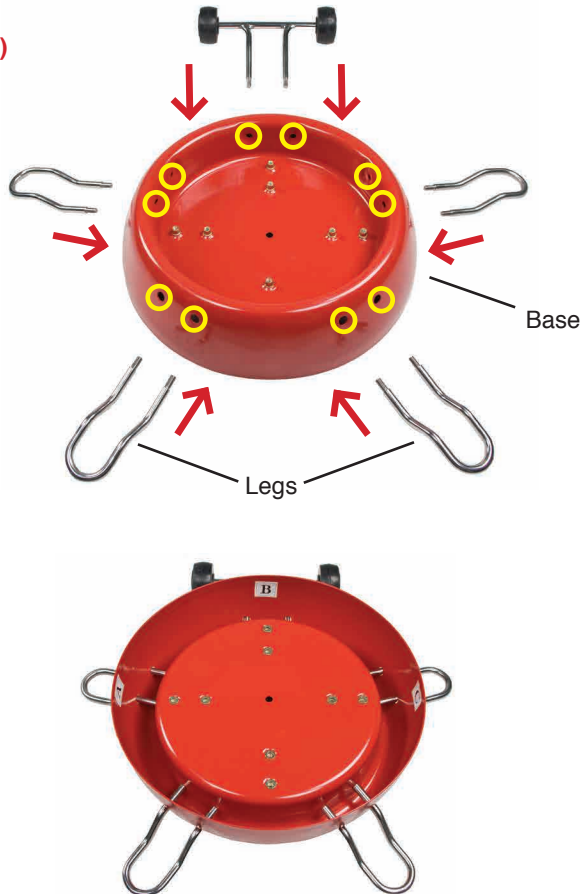
# ASSEMBLY

**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.

## Step 1

For Step 1 use:  
10 x Nuts (prefitted)



Turn the base upside down and push wheels and legs into the holes provided.

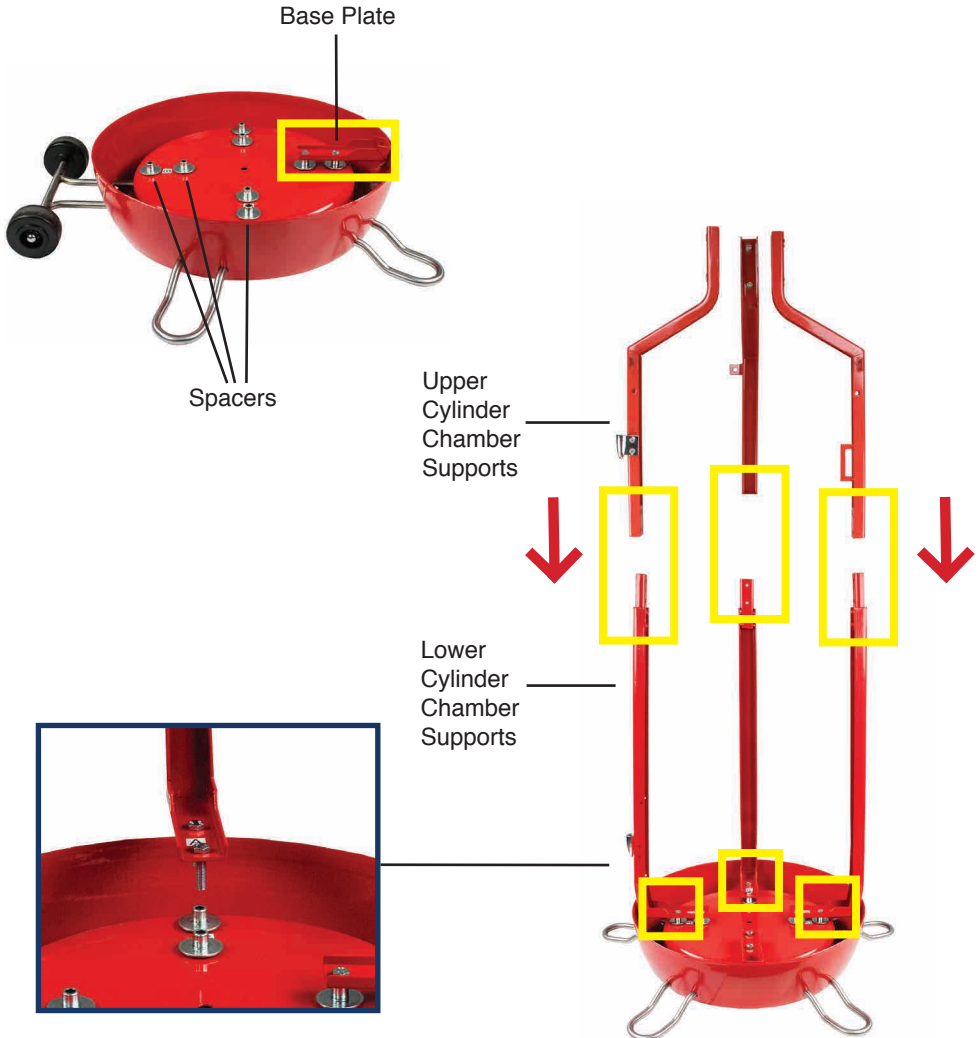
**Note: Wheels will only fit in one bigger set of holes.**

Fix Wheels and Legs in place by using 10 of the **M8 Nuts (prefitted)**.

Turn the base over to prepare for the next step.

## Step 2

For Step 2 use:  
8 x Bolts Ref C  
6 x Bolts Ref D  
8 x Spacers Ref H

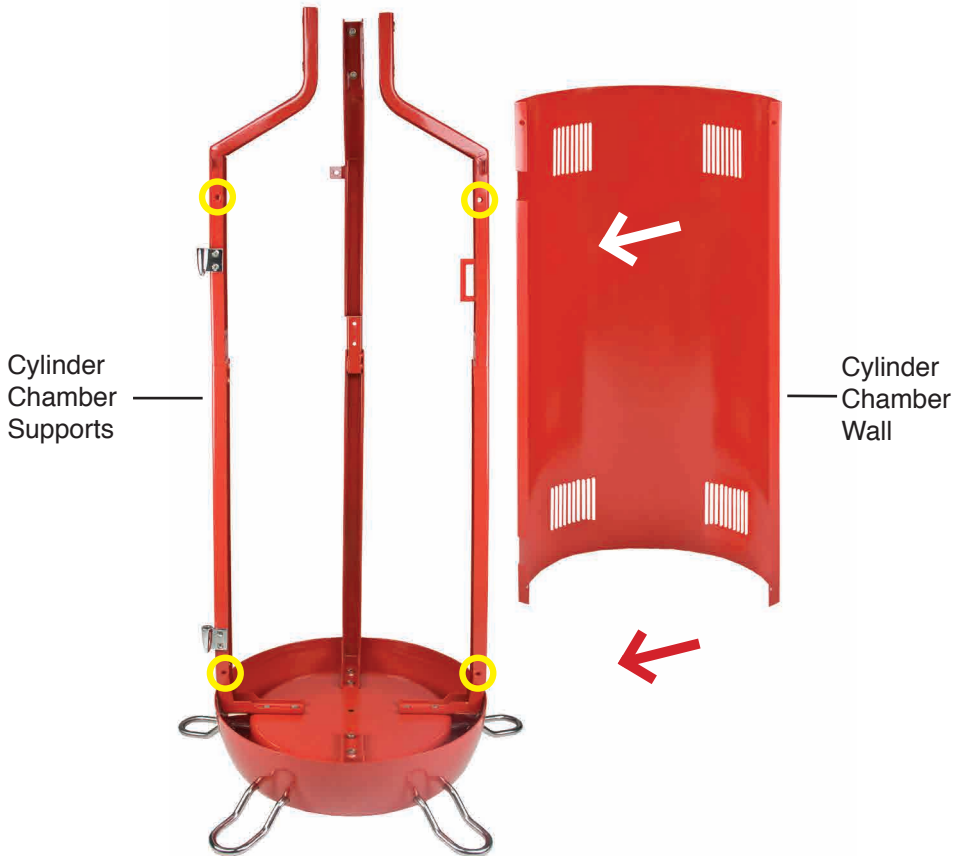


Fix base plate to base using 2 **M6x25(C) Bolts**. Finger tighten only.

Fix lower cylinder chamber supports to the corresponding letters on the base of heater using 6 of the **M6x25(C) Bolts** and **spacers(H)**. Slide upper cylinder chamber supports over the lower chamber supports and tighten into place using 6 **M6x10(D) Bolts**. **Important:** finger tighten only at this stage.

## Step 3

For Step 3 use:  
4 x Bolts Ref E  
4 x Nuts Ref G



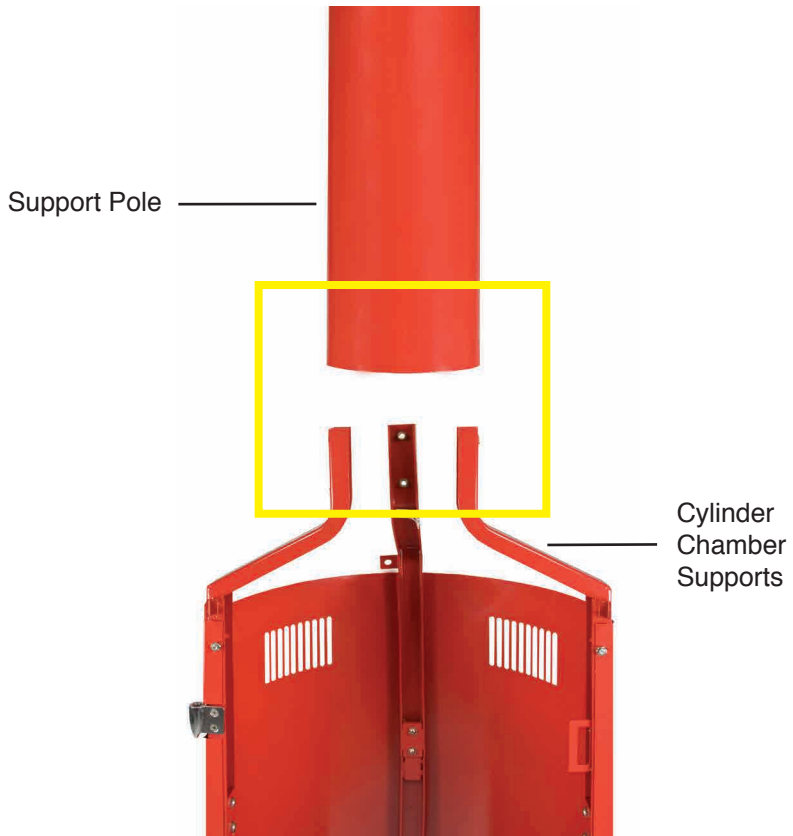
Fix cylinder chamber wall to cylinder chamber supports using 4 of the **M6 x 10 Dome Head Bolts(E)** and **M6 Nuts(G)** as shown.

Finger tighten only at this stage.



## Step 4

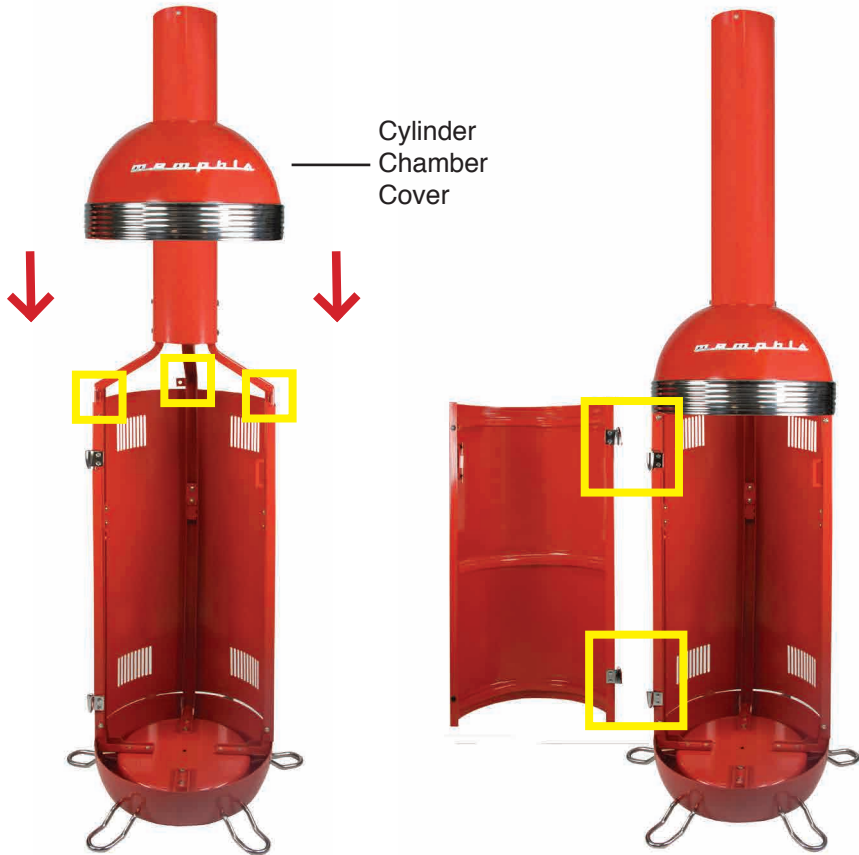
For Step 4 use:  
6 x Bolts Ref A



Fix support pole to cylinder chamber supports as shown using 6 of the **M6 x 15 Bolts(A)**. Finger tighten to locate and then tighten securely.

## Step 5

For Step 5 use:  
3 x Bolts Ref D



Secure cylinder chamber cover to support legs as shown using 3 of the **M6x 10(D) Bolts**. Take care not to scratch when sliding down pole.

Fit door in position by mounting hinges into hinge receivers, as shown above. Now fully tighten all nuts and bolts.

## Step 6

For Step 6 use:  
4 x Bolts Ref D



Fit lantern and secure with bolts **(D)**. Only fully tighten when all four bolts are located in place.

## Step 7



Attach regulator to other end of hose and secure with hose clip. **Note:** for ease of fitting hose, lubricate the ribbed nipple of regulator with a soap solution.

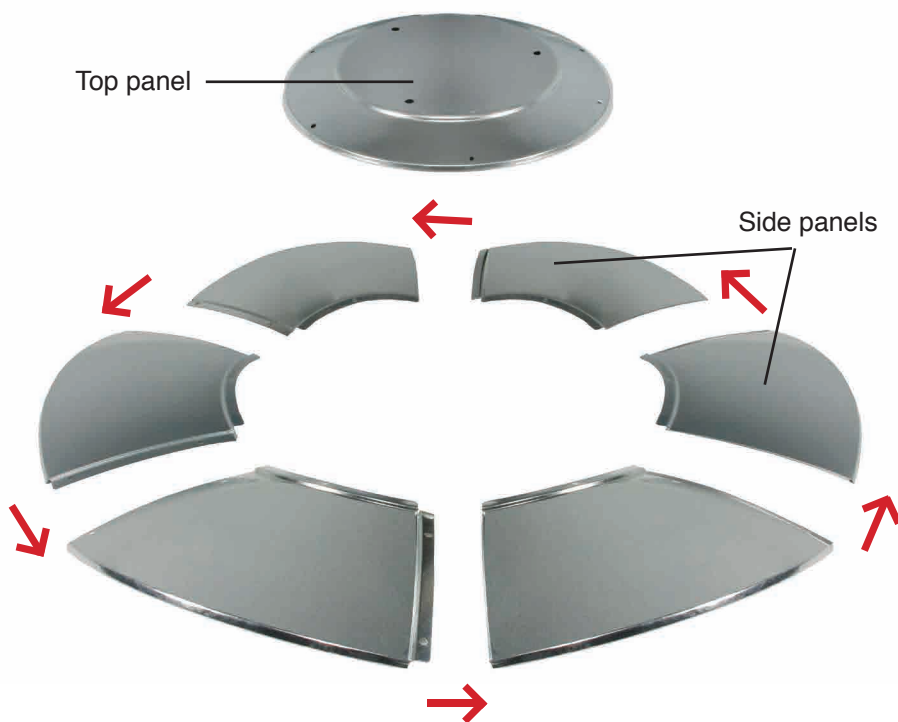
## Step 8



Using the pre-fitted R-clip and pin, secure the reflector handle to the bracket as shown.

## Step 9

For Step 9 use:  
18 x Bolts Ref E  
18 x Nuts Ref G



Loosely screw parasol side panels together overlapping as shown above. Fix the top panel to the top of assembled side panels.

## Step 10

For Step 10 use:  
3 x Bolts Ref B  
3 x Washers Ref F



Fit reflector to lantern using 3 **M8x10 bolts(B)** and **washers(F)**.

Test for leaks with proprietary leak detection fluid or soapy water applied with a small paintbrush.

## OTHER PRODUCTS IN OUR RANGE

**NEW & IMPROVED**

*memphls*

2 Burner Gas Barbecue

For more information, contact **Universal Innovations**  
w: [www.uig.biz](http://www.uig.biz) p: (00 353) (1) 2873797 e: [info@uig.biz](mailto:info@uig.biz)



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