POSITANO FLAME TOWER COLLECTION

# The 2G Flame Tower

## Setup Guide

The 2G Flame Tower arrives fully assembled. This guide covers everything between the carton and the first lighting: unpacking, the setup steps, connecting the gas supply and the leak check.

| | |
|---|---|
| **Model** | 2G Flame Tower |
| **SKU** | LHI-2G |
| **Configuration** | Assembled |
| **Estimated time** | 30 minutes |

**⚠ WARNING**

- Read this guide and the Use & Care Guide in full before assembling or operating the appliance.
- Improper installation, adjustment, alteration, service or maintenance can cause property damage, injury or death.

**⚠ DANGER**

If you smell gas

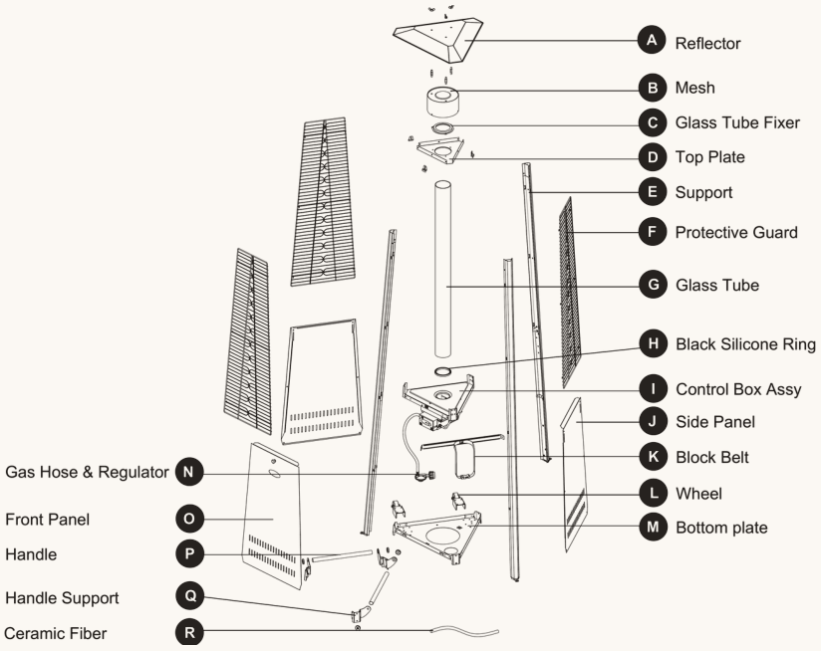
- Shut off gas to the appliance.
- Extinguish any open flame.
- If odor continues, keep away from the appliance and immediately call your gas supplier or fire department.

# Before You Begin

Estimated time: 30 minutes. Two people are recommended for any step that requires leaning the heater. Steps 1 to 4 remove the transit protection; steps 5 to 10 return the heater to service.

## Package contents

Before setting up, make sure all parts are present. If any part is missing or damaged, do not attempt to set up the product — contact Lava Heat Italia for replacement parts.




| Ref | Part | Qty | Ref | Part | Qty |
|---|---|---|---|---|---|
| A | Reflector | 1 | J | Side Panel | 1 |
| B | Mesh | 1 | K | Block Belt | 1 |
| C | Glass Tube Fixer | 1 | L | Wheel | 2 |
| D | Top Plate | 1 | M | Bottom Plate | 1 |
| E | Support | 1 | N | Gas Hose & Regulator | 1 |
| F | Protective Guard | 3 | O | Front Panel | 2 |
| G | Glass Tube | 1 | P | Handle | 2 |
| H | Black Silicone Ring | 1 | Q | Handle Support | 4 |
| I | Control Box Assembly | 1 | R | Ceramic Fiber | 1 |

# Hardware

The 2G arrives fully assembled. Four items are supplied loose in the carton. The remainder are already fitted to the heater and are named here because the setup steps refer to them.

## Supplied loose

| Ref | Item | Qty | Used in |
|---|---|---|---|
| AA | Wing nut | 3 | Step 8 |
| BB | Small flat washer 8 | 6 | Step 8 |
| EE | M6 × 10 mm bolt | 8 | Step 9 |
| OO | Wrench | 1 | Step 9 |

## Already fitted

| Ref | Item | Qty | Used in |
|---|---|---|---|
| CC | Stud | 3 | |
| DD | M5 × 12 mm screw | — | Steps 2, 3, 6, 7 |
| GG | Fixing bracket | 3 | Steps 3, 6 |
| HH | M8 nut | 3 | Steps 2, 7 |
| II | M8 cap nut | 3 | |

A Phillips screwdriver (PP) and a secured step ladder are required and are not supplied.

**⚠ CAUTION**

- The glass tube is the most vulnerable component on the appliance. Support it with both hands whenever it is out of the frame, and set it down on a soft surface — never on concrete or stone.

# Setup

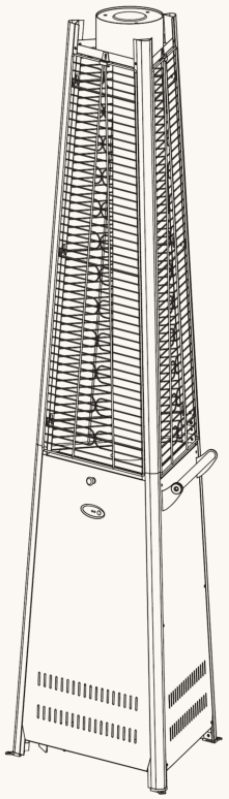
## 1

### Before you begin

The 2G is assembled at the factory and arrives ready for use. Remove all transit protection — foam, cardboard and bubble wrap — before operating it.

The glass tube in the center of the unit is wrapped for shipping. The next three steps remove that wrapping; steps 5 to 10 return the heater to service.

Keep every part you remove. The same steps can be followed in future to clean soot or debris from the glass tube.



## 2

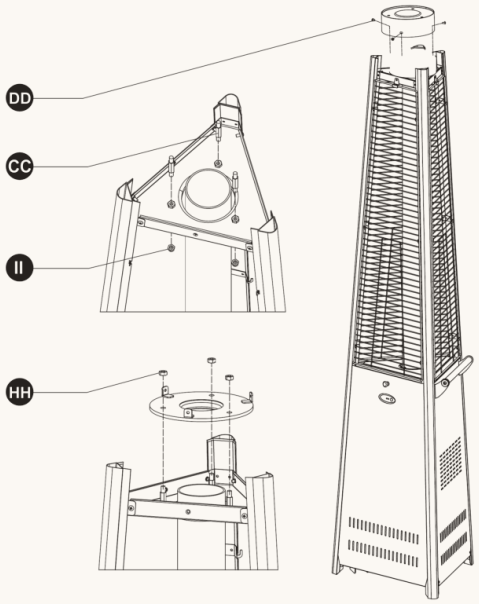
### Remove the mesh and mesh base

Use a secured step ladder, or lean the heater carefully.

Unfasten the three M5 × 12 mm screws (DD) holding the mesh to the mesh base.

Unscrew the three M8 nuts (HH) and lift the mesh base off the three studs (CC).

Set the mesh, mesh base, screws and nuts aside together — all of them are refitted in step 7.




HARDWARE AND TOOLS

| | | |
|---|---|---|
| **DD** | M5 × 12 mm screw | × 3 |
| **HH** | M8 nut | × 3 |
| **PP** | Phillips screwdriver | × 1 |

## 3

### Remove one protective guard

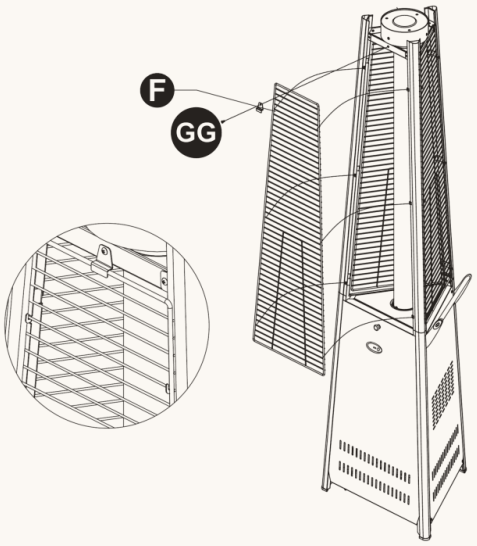
Unscrew one M5 × 12 mm screw (DD) and release one fixing bracket (GG).

Lift the protective guard (F) clear of its upper support slots.

Only one guard needs to come off to reach the glass tube.

HARDWARE AND TOOLS

| | | |
|---|---|---|
| **DD** | M5 × 12 mm screw | × 1 |
| **GG** | Fixing bracket | × 1 |
| **PP** | Phillips screwdriver | × 1 |



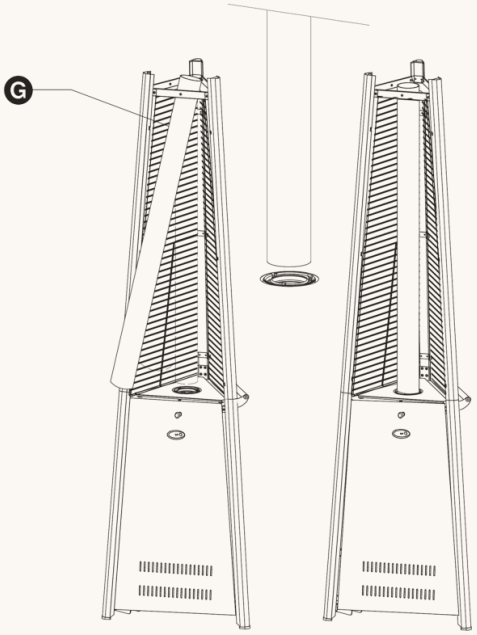

## 4

### Remove the glass tube and unwrap it

Lift the glass tube (G) up and out of its position between the top plate (D) and the control box assembly (I).

Unwrap the bubble wrap from the glass.

Unwrap the glass carefully and on a soft surface. Do not lever or twist the tube.

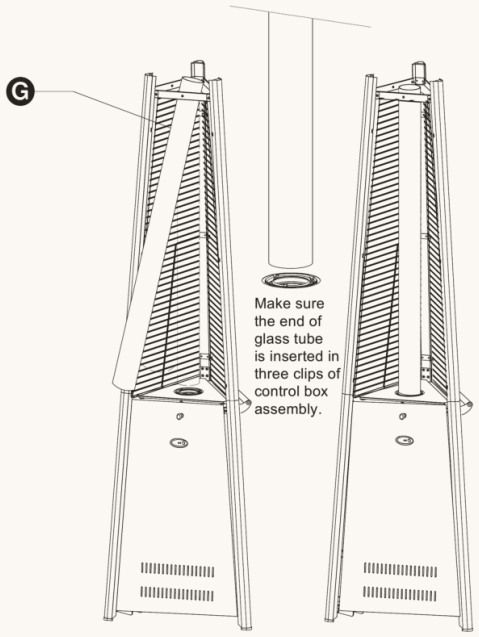


## 5

### Refit the glass tube

Install the glass tube (G) between the center of the top plate (D) and the control box assembly (I).

The lower end of the glass tube must seat between the three clips on the control box assembly.




## 6

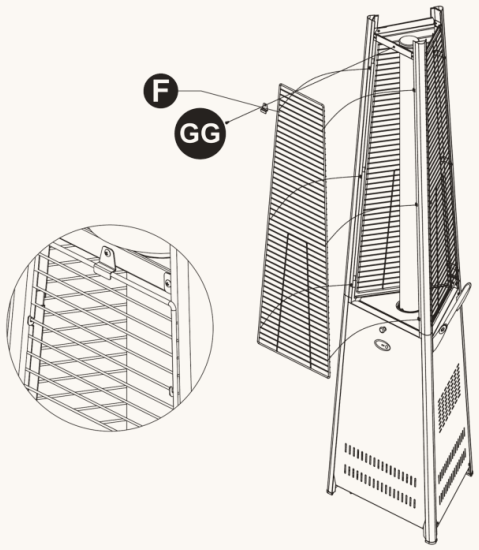
### Refit the protective guard

Hang the protective guard (F) back on its upper support slots.

Secure it with one M5 × 12 mm screw (DD) and one fixing bracket (GG).

HARDWARE AND TOOLS

| | | |
|---|---|---|
| **DD** | M5 × 12 mm screw | × 1 |
| **GG** | Fixing bracket | × 1 |
| **PP** | Phillips screwdriver | × 1 |



## 7

### Refit the mesh base and mesh

Lean the heater carefully.

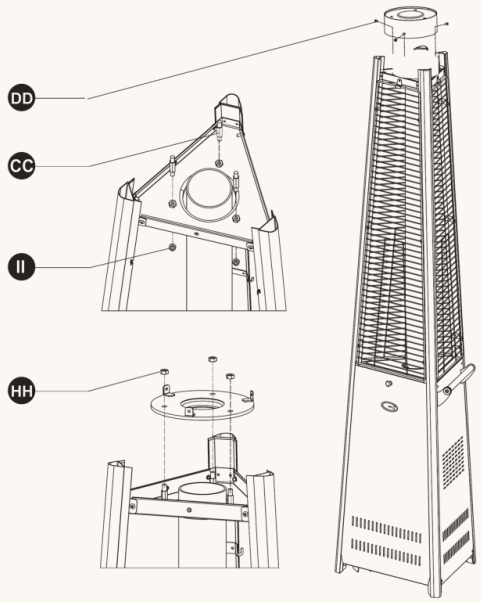
Fit the mesh base over the three studs (CC) and secure it with three M8 nuts (HH).

Secure the mesh (B) to the mesh base with three M5 × 12 mm screws (DD).

The three studs stay fitted to the top plate throughout; check that their M8 cap nuts (II) are tight before refitting the mesh base.

HARDWARE AND TOOLS

| | | |
|---|---|---|
| **HH** | M8 nut | × 3 |
| **DD** | M5 × 12 mm screw | × 3 |
| **PP** | Phillips screwdriver | × 1 |




## 8

### Fit the reflector

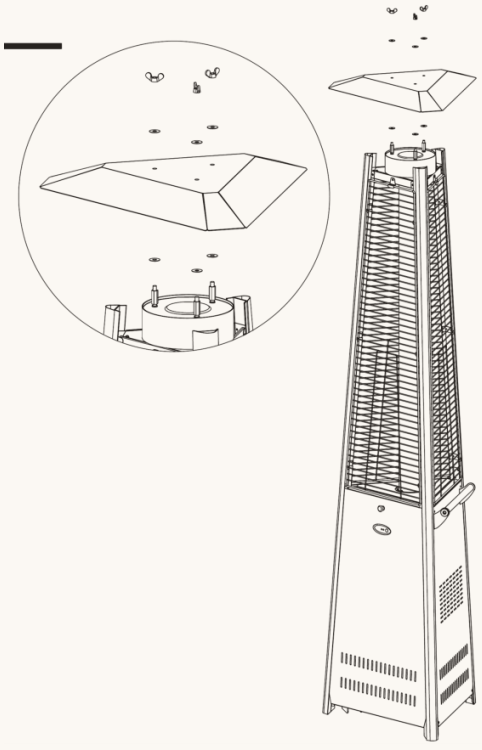
Place a small flat washer (BB) on each reflector stud.

Fit the reflector (A), add a second washer to each stud, and fasten with the wing nuts (AA).

Return the heater gently to the upright position.

HARDWARE AND TOOLS

| | | |
|---|---|---|
| **AA** | Wing nut | × 3 |
| **BB** | Small flat washer 8 | × 6 |

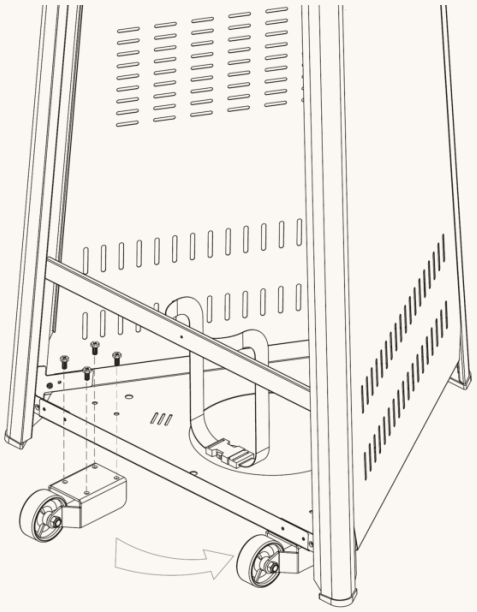


## 9
## Fit the wheels

Open the side panel and fasten the wheel assembly to the bottom plate (M) with eight M6 × 10 mm bolts (EE).

HARDWARE AND TOOLS

| | | |
|---|---|---|
| **EE** | M6 × 10 mm bolt | × 8 |
| **OO** | Wrench | × 1 |



# IO

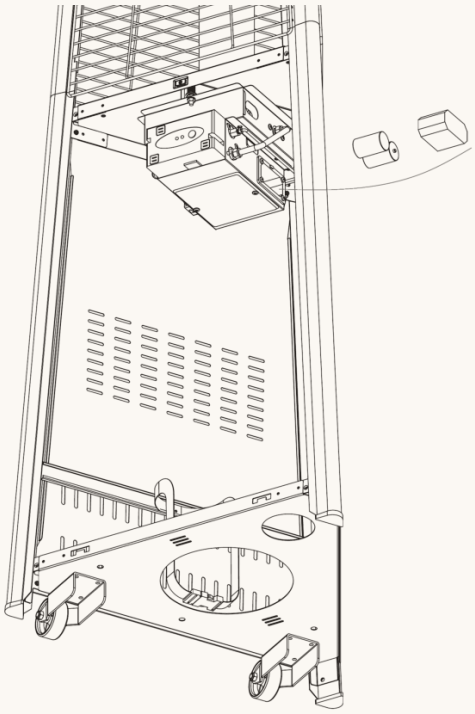
## Fit the batteries

Open the front panel, then open the lid of the battery compartment.

Insert two type D batteries (1.5 V each), observing the correct polarity, and close the lid.

Return the side panel to its position.

Batteries power the ignition. Remove them if the heater is to be stored for an extended period.



**⚠ WARNING**

Gas hose routing

- Ensure the gas hose does not contact any high-temperature surface. Contact may melt the hose and cause a leak and fire.

# Connect the Gas Supply

Complete the assembly before connecting gas. Never connect an unregulated cylinder to this heater. Use a standard 20 lb propane cylinder only, with a vapor-withdrawal supply system; the cylinder is sold separately. The pressure regulator and hose assembly supplied with the appliance must be used.

### Cylinder requirements

- Constructed and marked per U.S. DOT specifications for LP-gas cylinders or, in Canada, CAN/CSA-B339.
- Fitted with a listed overfilling prevention device (OPD), a collar protecting the cylinder valve, and a connection compatible with the supplied regulator.
- Never use a dented, rusted or damaged cylinder. Never fill a cylinder beyond 80 percent full.
- Replace the dust cap on the valve outlet whenever the cylinder is not in use. Never store a spare cylinder under or near this appliance, or in an enclosed area.

### Natural gas units

**⚠ NOTICE**

Professional installation only

Connection to a fixed natural gas line must be carried out by a qualified, licensed gas technician in accordance with local codes or, in their absence, ANSI Z223.1/NFPA 54 or CSA B149.1. Check the rating plate to confirm the fuel before connecting any supply.

- Natural gas units operate at 4–7 in W.C. The supply line must be sized for the total BTU load of every appliance on it, never smaller than ¾" inside diameter.
- A manual gas shut-off valve must be installed in an easily accessible location.
- Natural gas units ship with a 10 ft quick-connect hose. Never connect a gas line directly to the heater without the pressure regulator supplied.

# Leak Check

Carry out this check now, whenever a cylinder is changed, and any time a gas connection has been loosened or removed.

| Step | Action |
|---|---|
| 1 | Mix 2–3 oz of leak-check solution — one part liquid dish detergent to three parts water. |
| 2 | Make sure all heater valves are OFF. |
| 3 | Apply the solution to the hose-to-regulator joint, the regulator-to-cylinder joint, and every other hose and valve connection. |
| 4 | Turn the cylinder valve ON and watch each joint. |
| 5 | Bubbles mean a leak: turn the cylinder valve OFF, tighten or reconnect, and test again. If bubbles continue at the hose, contact Lava Heat Italia for a replacement. |

**⚠ WARNING**

- Perform all leak tests outdoors, with all open flames extinguished. Never leak-test while smoking, and never use a flame to check for leaks.
- Do not use the heater until every connection has been leak tested and does not leak.

# First Lighting

This heater is equipped with a pilot light that allows for safer startups and shutdowns. The pilot must be lit before the main burner can be started. The heater can be operated by the wireless remote or directly at the control unit.

### By wireless remote

| Step | Action |
|---|---|
| 1 | Fully open the cylinder valve. |
| 2 | Point the remote at the receiver on the control unit. |
| 3 | Press POWER for 2 seconds, release, and press again to start ignition. |
| 4 | Once lit, press DOWN for a lower setting or UP for a higher one. |

### At the control unit

| Step | Action |
|---|---|
| 1 | Fully open the cylinder valve. |
| 2 | Press POWER for 2 seconds, release, and press again to start ignition. |
| 3 | Each further press of POWER steps the heater through the Clima-Comfort settings and OFF. |

The short delay before ignition is deliberate: holding POWER releases the safety lock, which prevents accidental ignition.

### First use or new cylinder

Use the controls on the heater, not the remote. Allow at least one minute for air in the gas line to purge through the pilot. Several attempts may be needed while the valve and gas line fill.

### Check the flame

In normal operation the flame reaches about two-thirds of the glass tube on the highest setting and one-third on the lowest. It should be stable and bright, blue with straight yellow tops, with no noise or black smoke. If the flame shows excessive yellow, turn the heater off and consult Troubleshooting.

Full lighting, shut-down, care and troubleshooting instructions are in the Use & Care Guide.

# Before You Walk Away

| # | Confirm |
|---|---|
| 1 | Every component removed or fitted during setup is in place and fastened. |
| 2 | The glass tube is seated correctly and every protective guard is refitted. |
| 3 | The reflector is secure on all of its studs or spacers. |
| 4 | All gas connections have been leak tested and are leak-free. |
| 5 | The gas hose is routed clear of every hot surface. |
| 6 | The heater stands outdoors on a hard, level surface, outside any enclosure. |
| 7 | Clearances are met — 36" at the sides and 36" at the top, from combustible materials. |
| 8 | The heater is clear of windows, air intakes, sprinklers and other water sources. |
| 9 | The cylinder is secured and its enclosure is clear of debris. |
| 10 | A dry chemical fire extinguisher is readily available. |

**⚠ WARNING**

- The heater is hot during and after use. Do not touch or move it for at least 45 minutes after shutdown.
- Any guard or protective device removed for servicing must be replaced before the heater is returned to service.

**Do not return this product to the retailer.** For missing or damaged parts, technical support or replacement parts, contact Lava Heat Italia directly.

**Lava Heat Italia** · Established 2001
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