RAVELLO LOUNGE COLLECTION

The Opus Lite

Assembly Guide · Flat-Pack

This guide takes the heater from carton to first lighting: checking the contents, the assembly steps, connecting the gas supply and the leak check.

Model	Opus Lite
SKU	LHI-OPUSLITE
Configuration	Flat-pack
Estimated time	approx. 15 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

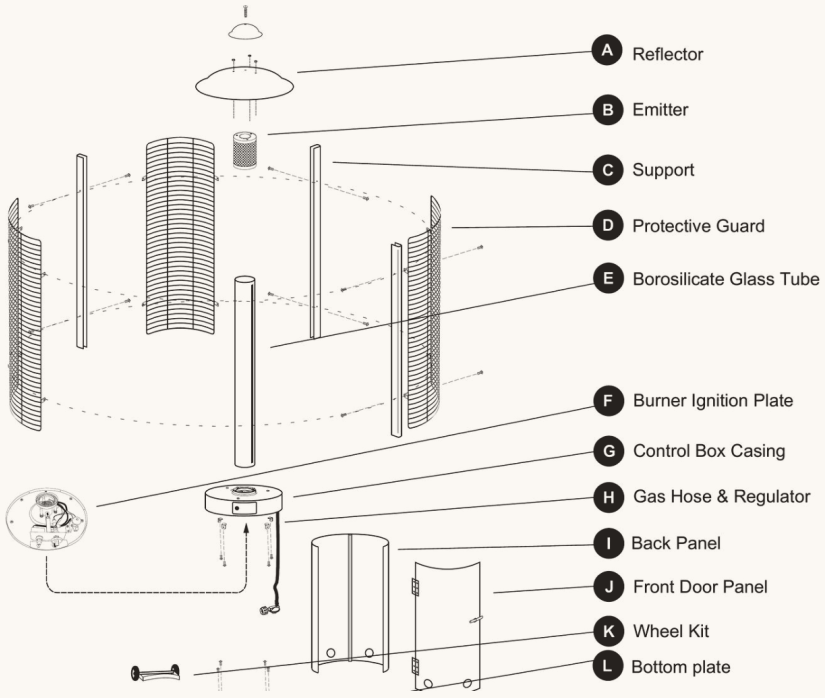
- Shut off gas to the appliance.
- Extinguish any open flame.
- If odor continues, keep away from the appliance and immediately call your gas supplier or fire department.

Before You Begin

Estimated time: approximately 15 minutes. Work on a clean, level surface. Steps 1 to 4 build the heater on its base, step 5 removes the transit protection from the glass tube, and step 6 routes the gas hose. The propane connection follows on the fuel page.

Package contents

The Opus Lite arrives in four main sections — the top portion, the bottom panels, the wheel kit and the base plate — with the parts below already fitted to them. Make sure everything is present before you begin. If any part is missing or damaged, do not attempt to assemble the product — contact Lava Heat Italia for replacement parts.



Ref	Part	Qty	Ref	Part	Qty
A	Reflector	1	D	Protective guard	3
G	Control box casing	1	J	Front door panel	1
B	Emitter	1	E	Borosilicate glass tube	1
H	Gas hose and regulator	1	K	Wheel kit	1
C	Support	3	F	Burner ignition plate	1
I	Back panel	1	L	Base plate	1

Hardware

Verify all hardware is present before assembly. Letters match the factory hardware bag and the steps that follow.

Ref	Item	Qty	Used in
DD	Screw Ø8 × 15 mm	10	Steps 3, 4
EE	Bolt Ø10 × 15 mm	2	Step 2
HH	Nut M8	2	Step 2
OO	Wrench	1	

A wrench (OO) is supplied. A Phillips screwdriver with a medium blade and leak-check solution are required and are not supplied. The four protective-guard screws (MM, Ø8 × 10 mm) come fitted to the heater.

⚠ CAUTION

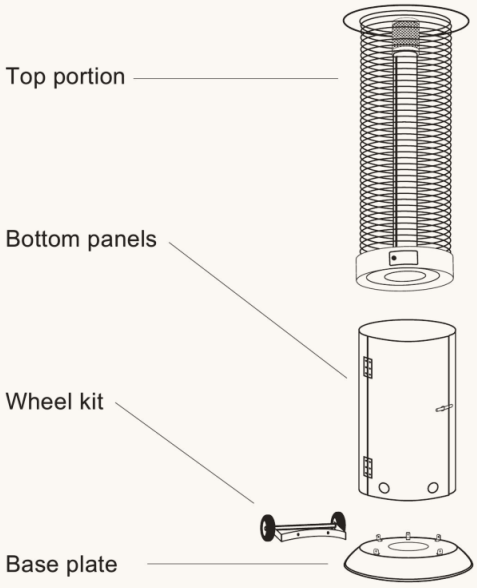
- The glass tube is the most vulnerable component on the appliance. Support it with both hands whenever it is out of the frame, and set it down on a soft surface — never on concrete or stone.

Assembly

1

Identify the main sections

Remove all transit packaging and lay out the four main sections: the top portion, the bottom panels, the wheel kit (K) and the base plate (L).



2

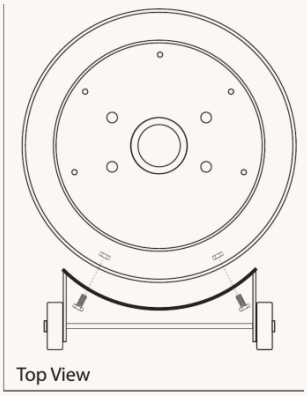
Fit the wheel kit

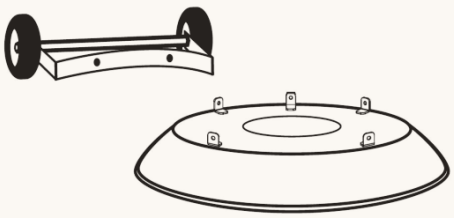
Insert two Ø10 × 15 mm bolts (EE) through the wheel kit (K) and the base plate (L).

Secure with two M8 nuts (HH), tightening with the supplied wrench (OO).

HARDWARE AND TOOLS

EE	Bolt Ø10 × 15 mm	× 2
HH	Nut M8	× 2





3

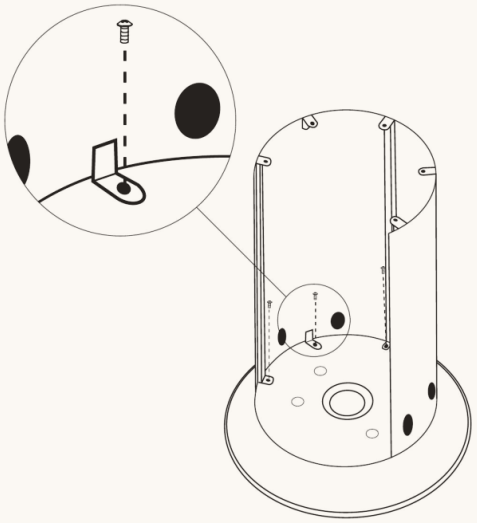
Fit the bottom panels to the base

Set the bottom panels on the base plate and line up the 90-degree metal brackets.

Secure with five screws (DD) through the brackets.

HARDWARE AND TOOLS

DD	Screw Ø8 × 15 mm	× 5



4

Fit the top portion

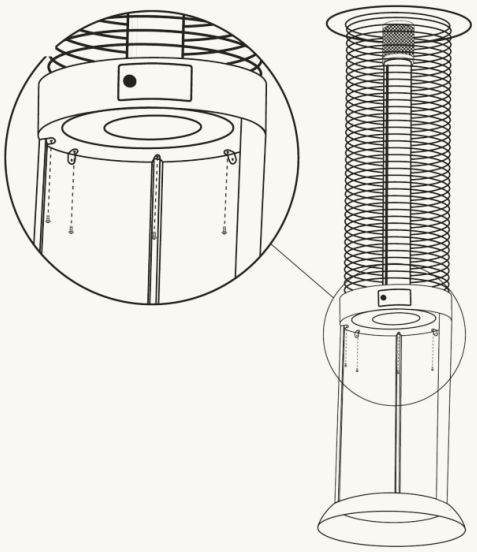
Set the top portion on the bottom panels and line up the 90-degree metal brackets.

Secure with five screws (DD) through the brackets.

A second person is helpful to steady the top portion.

HARDWARE AND TOOLS

DD	Screw Ø8 × 15 mm	× 5



5

Remove the transit protection

Unscrew the four screws (MM) holding one of the three protective guards (D), and lift the guard off its support slots.

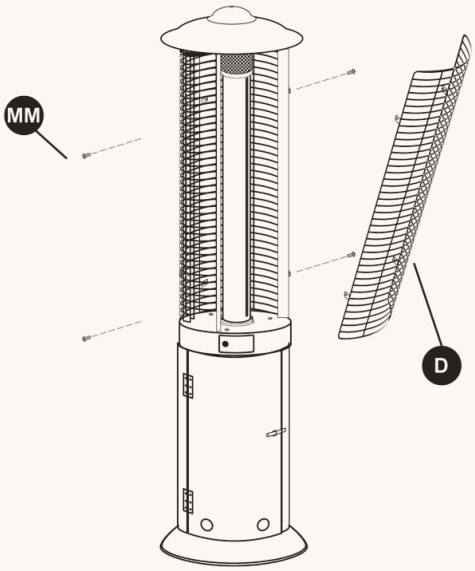
Carefully remove all bubble wrap and foam from around the borosilicate glass tube in the centre of the heater.

Hang the guard back on its upper support slots and refit all four screws (MM).

Handle the glass tube with care. Never operate the heater with a guard removed.

HARDWARE AND TOOLS

MM	Screw Ø8 × 10 mm (fitted)	× 4

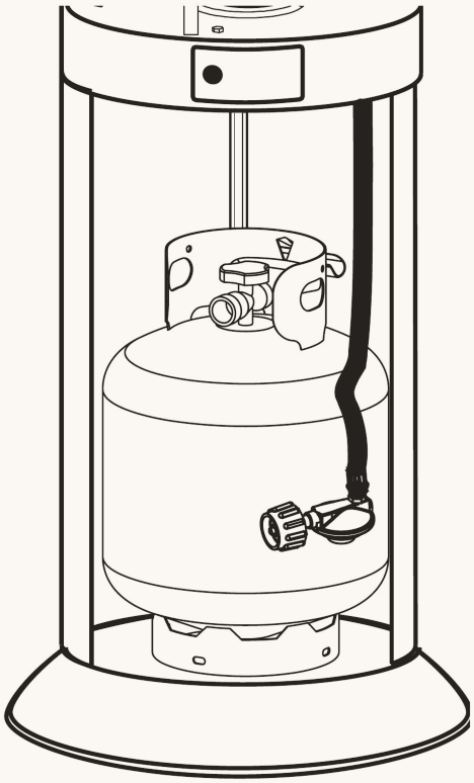


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Route the gas hose

Propane only: route the gas hose so it hangs clear inside the cabinet and cannot touch any hot surface.

If the hose touches a high-temperature surface it may melt and leak, causing a fire.



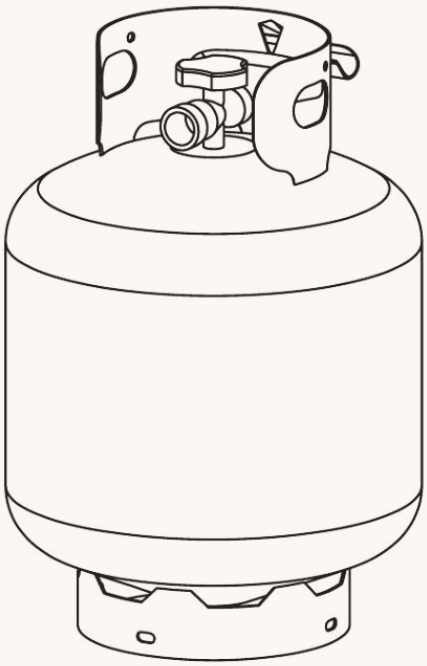
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Connect the propane cylinder

Open the front door panel (J) and stand a standard 20 lb (9 kg) propane cylinder inside the cabinet.

Screw the regulator onto the cylinder valve and tighten by hand. Do not cross-thread the connection.

Make sure the hose does not touch any hot surface, leak test every connection, then close the door.



Standard 20 lb. tank

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.

Lighting

Step	Action
1	Turn the control knob to OFF.
2	Fully open the cylinder valve (LP) or supply shut-off valve (NG).
3	Push the control knob in and turn it to PILOT. For the first start, or after any cylinder change, hold it in for 2 minutes to purge air from the line.
4	Keeping the knob pressed, push and release the igniter button until the pilot flame is visible through the glass tube.
5	Once the pilot is lit, keep the knob pressed for 30 seconds, then release.
6	Push in and turn the knob to HIGH. For less heat, push in and turn further to LOW.

If the pilot does not stay lit, repeat steps 3 to 5. If the igniter fails, hold the knob in at PILOT and light the pilot with a long-stem lighter through the glass tube. Holding the knob in for more than 20 seconds before the gas ignites can cause a ball of flame.

Check the flame

In normal operation the flame is two-thirds the height of the glass tube on HIGH and one-third on LOW — stable and bright, with no noise or thick black smoke.

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 assembly 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.

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