



Santorini Flame Gas Patio heater - Operating instructions

The Santorini Flame Gas Patio heater is supplied for use outdoors or in amply ventilated areas. An amply ventilated area must have a minimum of 25% of the wall surface area open.

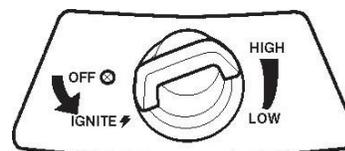
Safety information

- Read the instructions before installation and use.
- The use of this appliance in enclosed areas can be dangerous and is PROHIBITED.
- There must be a minimum clearance from combustible surfaces of at least 2m
- Use only the type of gas and the type of cylinder specified by the manufacturer/supplied by London Cool
- Do not move the appliance when in operation.
- Shut off the valve at the gas cylinder or the regulator before moving the appliance.
- The heat exchange tube must be lowered down to position during transportation
- The heater cannot be used when the heat exchange tube is retracted into cylinder compartment.
- Do not obstruct the ventilation holes of the cylinder housing.
- This appliance is not fitted with "Atmosphere sensing device".
- In case of strong winds, particular care must be taken that the appliance does not tilt.

Lighting Procedure

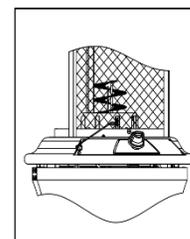
These instructions must be followed to ensure your safety.

1. Turn the control knob OFF. Slowly open the gas cylinder valve.
2. Push in and turn control knob anti-clockwise to IGNITE.



3. Keep control knob depressed for up to 30 seconds until pilot is lit.
4. If pilot does not light, turn control knob to OFF and wait 5 minutes between ignition attempts for gas to dissipate.

NOTE: It is possible to light the appliance using a long match by lighting the burner through the ignition hole provided.

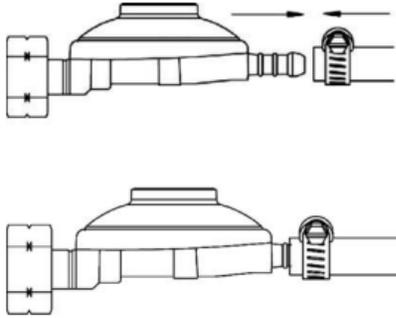


5. When the pilot is lit, keep knob pressed for up to 20 seconds, then release it (first ignition generally takes longer because the gas circuit is full of air).
6. If the pilot does not stay lit, repeat steps 1-3, waiting 5 minutes before attempting to relight.
7. Turn knob to LOW position then turn knob from LOW to HIGH position and back, to check flame stability.
8. Adjust the heat input by turning the knob from the LOW position, to HIGH as required.
9. If the flame accidentally goes out (due to wind or other reasons), a Flame Safely Device (FSD) will automatically shut off the gas supply within 90 seconds.

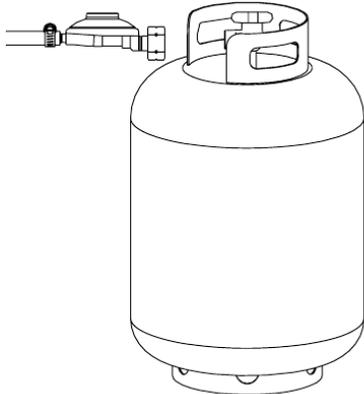
Gas Safety

To Connect LP Gas cylinder

Check that the rubber gas tube is fitted securely onto the gas regulator and secured with a clip, as shown.



Connect the gas regulator to the cylinder of gas by turning the knob clockwise until it stops. **It must then be further tightened using a spanner.** Make sure that the tube is not twisted.



To Disconnect LP Gas cylinder

1. Make sure the LP gas tank valve is “CLOSED”.
2. Disconnect gas line from LP gas cylinder by turning knob counter clockwise until it is loose.
3. For storage and cylinder exchange, disconnect the hose at the cylinder only, **DO NOT** disconnect hose from appliance.

4. To change the gas cylinder, choose a well-ventilated area, away from any ignition source.

In the event of gas leakage

1. Turn both the control knob and the LPG cylinder valve to OFF position.
2. Wait 5 minutes to allow gas to dissipate.
3. If odour continues, immediately call London Cool.

Troubleshooting

The flame pattern at the emitter screen should be visually checked whenever the heater is operated.

When the heater is on, the emitter grid will become bright red and the burner will display tongues of blue flame.

If the flames produce thick black smoke (indicating an obstruction of airflow through the burners) or if black soot is accumulating on the emitter grid or reflector, the heater should be **turned off immediately** before contacting London Cool.

Note: After use, some discolouration of the emitter screen is normal.

If the flame is very small, the supply pressure is not enough, and the gas cylinder should be changed.

Shut down or storage instructions

1. Push in and turn control knob clockwise to OFF position.
2. Turn LPG cylinder gas valve clockwise to OFF position when heater is not in use.
3. Store appliance upright in a sheltered area.

Warning: Heater will be hot after use - handle with extreme care.

PROBLEM	PROBABLE CAUSE	SOLUTION
Pilot will not light	Gas valve may be OFF	Turn the gas valve ON
	Tank fuel empty	Refill LP gas tank
	Air in supply system	Purge air from lines
	Loose connection	Check all fittings
Pilot will not stay on	Debris around pilot	Clean dirty area
	Loose connection	Tighten connection
	Thermocouple	Contact customer service
	Gas leak in line	Check connections
	Lack of fuel pressure	Fuel tank is near empty
Burner will not light	Pressure is low	Fuel tank is near empty
	Control valve not ON	Turn valve to ON
	Thermocouple broken	Contact customer service
	Pilot light assembly bent or not in correct location	Contact customer service