



Commercial Patio Heater - Operating instructions

Safety Warnings

- For use outdoors in amply ventilated areas, ie with a minimum of 25% of the surface walls open.
- The combustion products leaving the heater are very hot. The heater should NEVER be used in an enclosed space.
- Use at a distance of at least 2m from inflammable materials. Ensure all other materials are more than 1m from the unit.
- DO NOT USE the unit when there are strong winds. In moderately windy conditions secure your heater to reduce the risk of the heater blowing over. A gas cylinder in position inside the heater will not guarantee that the heater will not be blown over in windy conditions.
- NEVER cover the apparatus whilst it is being used
- Do NOT operate if under the influence of alcohol or drugs.
- Use ONLY for heating

Safety rules to be observed

- Ensure the connection to the gas cylinder is secure and has been **tightened with a spanner**.
- To balance the unit, use cylinders with an empty weight of not less than 11kg
- Pay attention to anything above the unit when in operation because -
 - At 30 cm from the hood the temperature is 75°C, at 60 cm the temperature is 58°C and 90 cm away the temperature is 43°C
- DO NOT TOUCH any part of the unit above the area of the control knob as this could be very hot
- NEVER move the unit when it is lit or has just been switched off. Wait at least an hour after switching off the unit completely before touching the parts above the control knob.
- DO NOT START the unit if it is not completely assembled
- CHECK the unit regularly when it is working

Operating your patio heater

Please read these instructions carefully before use

- 1) OPEN the valve on the patio gas cylinder by turning the lever on your clip on your regulator ANTI CLOCKWISE to the on position.
- 2) Turn the CONTROL KNOB on the heater completely in a clockwise direction so that the white line points at the white dot. This is in the START position
- 3) Press and hold down the control knob, wait 40-50 seconds for the gas to fill the pipe, press the electronic piezo button to generate the spark to light your pilot flame. Check through the hole in the burner mesh that the pilot flame is alight
- 4) Once this is lit, continue to press the control knob for another 10 - 20 seconds, then release it. Your pilot flame should now remain alight. If not, repeat steps 2 & 3
- 5) To light the main burner, depress the control knob halfway and turn anti clockwise to MIN or MAX
- 6) To put the unit in STANDBY, turn the control knob clockwise to the START position
- 7) To switch the heater off completely, turn the lever on the clip on the regulator clockwise to the off position to close the gas valve on the gas cylinder.
- 8) To make operations easier, use the MINIMUM and READY positions for the whole period of use, but make sure the cylinder and the heater are closed completely at the end of every use
- 9) If the electronic ignition needs a replacement battery, unscrew the black cover with the rubber button. (It will require a AA battery)

Gas Safety

- ALWAYS turn the lever of your clip on regulator to the off position to close the valve on the gas cylinder
- DO NOT KEEP the cylinder of liquid in cellars, basements, stairwells, corridors, underground passages, etc.
- KEEP the cylinder away from heat sources
- Whenever the unit is not in use, remove the cylinder from its compartment
- This heater does not expel exhaust gases, non-polluting liquid gas fuel is used (Propane)

Safety devices installed on the unit

Thermocouple

- The pilot flame heats an element that, when heated, keeps the gas valve of the heater open. (NOT THE ONE THAT IS ON THE CYLINDER)
- Within one minute of the pilot flame being extinguished, the gas supply is shut off to the heater control valve

Piezoelectric Lighting

- Undoubtedly the safest method of lighting because no naked flame has to be approached by hand to the unit

Anti-Tilt Switch

- If the heater is tilted past an angle of 10° from the vertical, the gas supply to the heater control valve will shut off.

Operation

Once the quick-on is correctly mounted on the valve, gas supply is possible by turning the regulator handle upwards (anti clockwise). To shut off the gas supply, reverse this procedure; an arrow engraved on the handle indicates the closing direction. Symbols engraved on the bonnet show how to operate the regulator handle

CAUTION!

If you are unable to open the regulator handle, this means that your Quick-on is not correctly connected to the valve. Do not force the handle open, start the procedure again

Replacing a cylinder

Make sure that:

- All taps on the heater are in the closed position
- The clip-on regulator handle is in the closed position
- Remove the clip-on regulator by pressing horizontally on the handle and pulling upwards at the same time

DO NOT attempt to carry out this operation with the regulator handle in the open position

- Consumption of the gas fired unit is higher than the regulator flow capacity. In such case, contact London Cool on 0800 440 444

Now the unit is ready to use. Gently push the control knob and turn it anti clockwise until the knob index corresponds with minimum or maximum according to the capacity required, and in a few minutes (3-5) you

will have the heat you need. The models constructed by TMC are pre-set to function:

- 1) **WHITE DOT** - Start with only the pilot flame alight
- 2) **SMALL WHITE FLAME** - Minimum with the pilot flame alight and the main burner at minimum capacity
- 3) **LARGE WHITE FLAME** - Maximum with the pilot flame alight and the main burner at maximum capacity

To bring the heater to Start position, turn the control knob clockwise as far as it will go

When not used for a long period

The unit itself is weatherproof but we advise you to store it with care. If space is a problem, the reflecting hood can be removed, with the nuts and washers stored safely.

Remove the cylinder from its compartment, enclose the burner in a plastic bag and cover all the holes in the gas bottle compartment and door

Restarting after a rest period

Remove the reflecting hood and clean the underside until as white as possible.

Maintenance and cleaning

- DO NOT clean the unit when it is lit or has only just been switched off
- Use a soft clean rag
- CHECK regularly that the RUBBER GAS HOSE connecting the regulator and tap CONTROL VALVE is in good order, otherwise replace it
- NEVER MAKE ANY MODIFICATIONS to the unit
- Eventual repairs must be made by specialised technicians and with original change parts

This unit has been approved by the German body TUV in Cologne and complies with current European directives and standards