

# COMPANION<sup>®</sup>

TRUSTED SINCE 1941



## RADIANT LP GAS HEATER

5,500 BTU



OUTDOOR USE ONLY

## OWNERS MANUAL

Part No. COMP227

**IMPORTANT:** Read these instructions for use carefully. Familiarise yourself with the appliance before connecting it to its gas container. Keep these instructions for future reference.

## GENERAL WARNINGS

This appliance shall only be used with a Propane (LPG) refillable cylinder certified to Standard AS 2469 that has a 3/8" LH BSP inlet fitting.

IT MAY BE HAZARDOUS TO ATTEMPT TO FIT OTHER TYPES OF GAS CONTAINERS.

ONLY USE IN WELL-VENTILATED AREAS.

**CARBON MONOXIDE HAZARD - USING THIS APPLIANCE IN AN ENCLOSED SPACE MAY CAUSE DEATH. DO NOT USE IN CARAVANS, TENTS, MARINE CRAFT, CARS, MOBILE HOMES OR SIMILAR LOCATIONS.**

**WARNING! USE OUTDOORS ONLY.**

**CAUTION:** accessible parts may be very hot. Keep young children away.

## SAFETY INFORMATION

Inspect the appliance regularly for signs of wear, leaks or incorrect operation. If symptoms such as flaring of the burner, issues with lighting, damages to hoses or connections or leaks from seals or gas controls are identified do not attempt to repair, return to your authorised stockist for service and maintenance.

Do not modify this appliance.

Check that seals between the appliance and the gas container are in place and in good condition before connecting the gas container. See figure 1.

Do not remove the guard protecting the burner from this appliance.

Do not use this appliance if it has damaged or worn seals.

Do not use the appliance if it is leaking, damaged or does not operate properly.

This appliance is to be operated on a stable, horizontal, non-flammable surface.

The appliance should be protected from direct drafts and in a well ventilated place.

Gas orifices and burner must be kept clear of dirt and cobwebs. Flow of combustion and ventilation air through the perforated portions of the appliance must not be obstructed.

Any cleaning agent used on the appliance must be of a non-combustible and non-corrosive nature.



## CARBON MONOXIDE HAZARD

**Using this appliance in an enclosed space may cause DEATH.  
Do not use in caravans, tents, marine craft, cars, mobile homes  
or similar locations.**

Gas containers shall be changed in a well-ventilated location, preferably outside, away from people and any source of ignition, such as naked flames, pilot flame, electric heaters/equipment.

Only use the hose assembly supplied with this appliance for connection to the cylinder - DO NOT USE ADAPTORS.

Return to your place of purchase for spare parts, service and repair.

This appliance must only be serviced by an authorised person.

This appliance must be operated away from any flammable material or surfaces and materials.

Always operate appliance a minimum of 1000mm from flammable materials, walls and 1000mm from ceiling.

Handle with care even after brief use as some surfaces may become hot during operation; always allow the appliance to cool down before moving.

Pick up using the handle only.

Do not use as a cooking appliance or modify for any other reason.

Ensure all packaging is removed prior to use.

Do not operate this appliance before reading the instruction booklet.

Do not place articles on or against this appliance.

Do not hang or attempt to dry clothes or any flammable material on or placed near the appliance.

Do not store chemicals or flammable materials, or spray aerosols near this appliance.

Do not operate with panels, covers or guards removed from this appliance.

Do not operate in an enclosed area without ventilation.

Do not operate in a boat, caravan or tent.

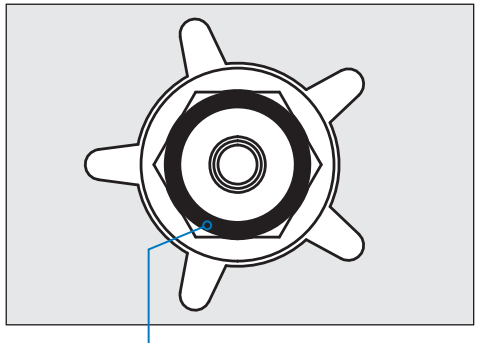


Figure 1: O-Ring seal located inside the cylinder connection.

## CHECKING FOR GAS LEAKS

Check that all connections are tight and that the gas cylinder connection has been tightened before you turn the cylinder gas valve on.

If there is a leak on your appliance (smell of gas) immediately attempt to turn off the cylinder valve. Remove the appliance to a well-ventilated location away from any ignition source.

**NEVER** check for leaks with a flame or pilot light.

Check for leaks using Companion Gas Leak Detection Spray or soapy water, coat all connections, if bubbles appear turn the cylinder gas control off and re-tighten the connection before re-testing.

## SAFE LOCATIONS

This appliance shall only be used in an above ground open air situation with natural ventilation, without stagnant areas, where gas leakage and products of combustion are rapidly dispersed by wind and natural convection.

Any enclosure in which the appliance is used shall comply with one of the following:

An enclosure with walls on all sides, but with no overhead cover (see example 1).

Within a partial enclosure that includes an overhead cover and no more than two walls (see examples 2 & 3)

Within a partial enclosure that includes an overhead cover and more than two walls, the following shall apply:

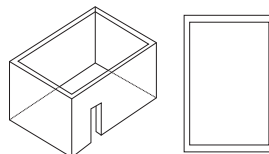
at least 25% of the total wall area is completely open.

30% or more in total of the remaining wall side, back and front wall areas is open and unrestricted (see examples 4 & 5).

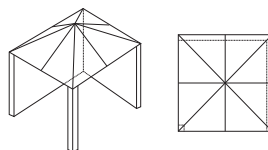
In the case of balconies, 20% or more of the total wall area shall remain open and unrestricted.

## DIAGRAMMATIC REPRESENTATION OF OUTDOOR AREAS

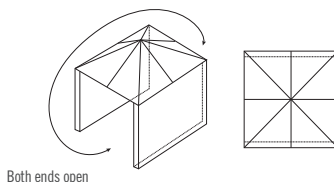
The following examples are diagrammatic representations of outdoor areas. Rectangular areas have been used in these examples - the same principles apply to any other shaped area.



Example 1

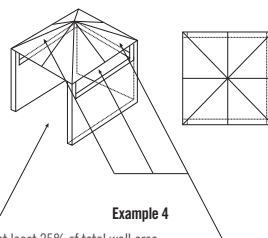


Example 2



Both ends open

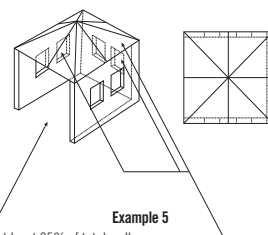
Example 3



Example 4

Open side at least 25% of total wall area.

30% or more in total of the remaining wall area is open and unrestricted.



Example 5

Open side at least 25% of total wall area.

30% or more in total of the remaining wall area is open and unrestricted.

## IMPORTANT INFORMATION FOR USE

During operation all surfaces will be extremely hot and should not be touched or handled.

Take care that the primary air intakes, located on the burner tube of this appliance are not obstructed, or that air flow is restricted by placing items or other appliances close to or adjacent to the inlets.

Do not attempt to move or relocate the appliance when it is operating, extinguish the burner and allow to cool, disengage the gas cylinder then move the appliance.

This appliance is to be stored in a dry and well-ventilated location free from direct sunlight. Do not store when still connected to the cylinder.

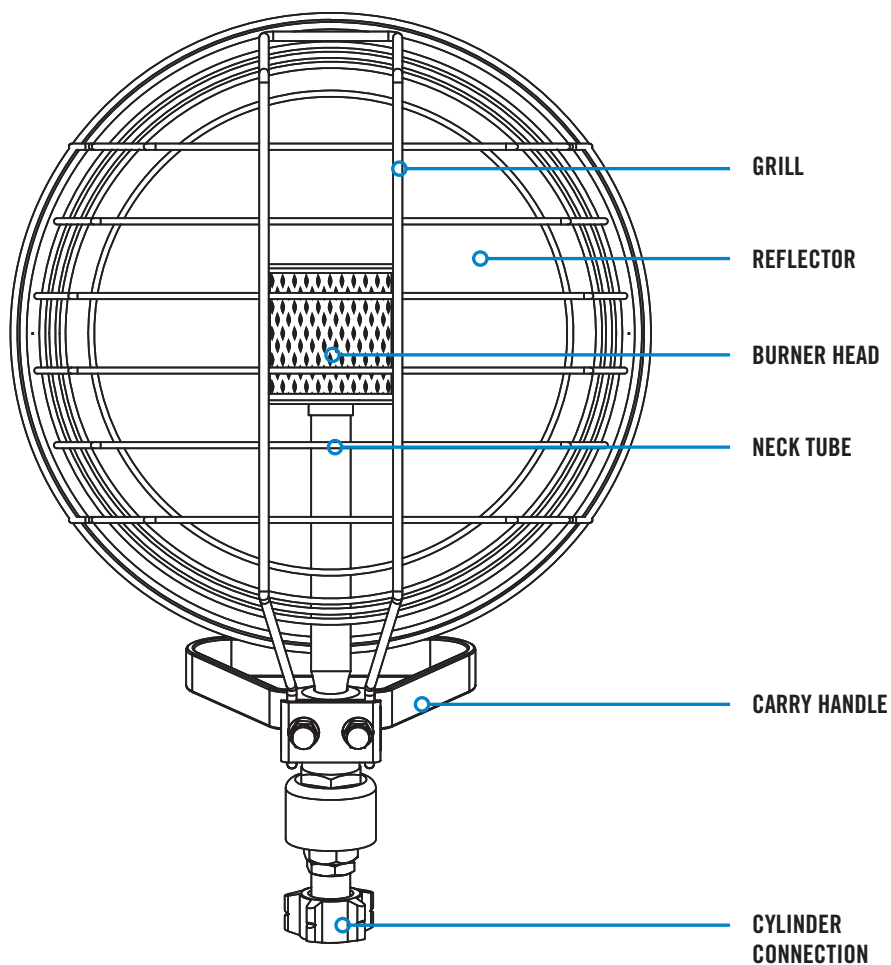
Make sure that the cylinder is disconnected and is stored in a well ventilated area, out of the reach of children, free from direct sunlight, heat and ignition sources. If being stored indoors, ensure that the location complies with the standard AS/NZS 1596.

Never leave appliance unattended when operating.

After use, turn the gas cylinder valve off, wait for the flame to go out, then turn the appliance control valve(s) off.

To check if gas remains in the cylinder, disconnect from the appliance and hold the cylinder in a vertical position then shake from side to side, if there is a sound or feel of liquid movement inside, the cylinder contains gas.

## UNDERSTANDING YOUR APPLIANCE



## CONNECTION

Your radiant heater is designed to connect directly on to a 3/8" LH BSP gas cylinder using the specially designed LP Gas hose supplied with the appliance.

Check that the gas valve on the cylinder is in the OFF position (turned fully clockwise). See figure 2.

Take the heater and attach to the gas cylinder valve and tighten. See figure 3.

Turn the cylinder gas valve on in an anti-clockwise direction for one full turn and then check the connections for leaks with Companion Gas Leak Detection Spray or soapy water. If a leak is detected turn the cylinder gas valve OFF and re-tighten all connections, then retest. See figure 4.

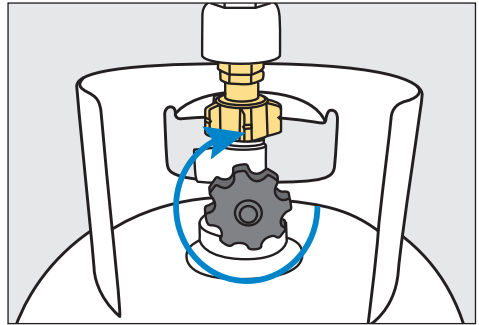


Figure 2

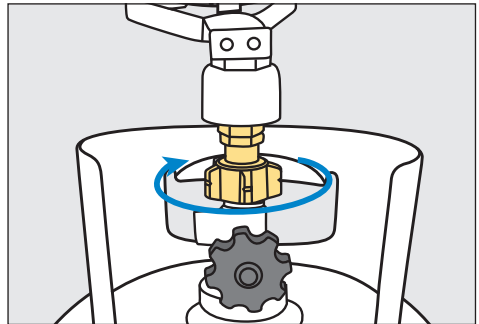


Figure 3

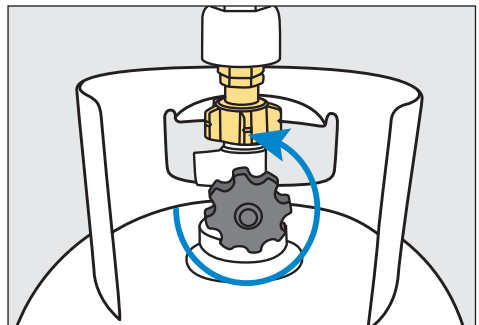
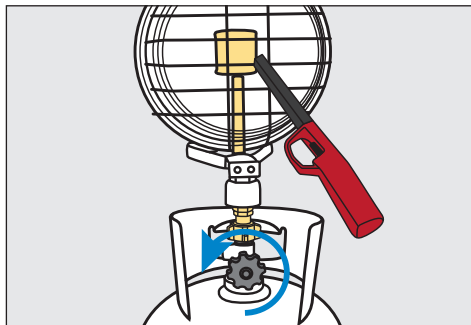


Figure 4

## LIGHTING HEATER

Slowly turn the gas cylinder control valve in the anti-clockwise direction half a turn whilst simultaneously lighting the burner gauze, preferably towards the top of the burner head by using a BBQ type match or lighter.

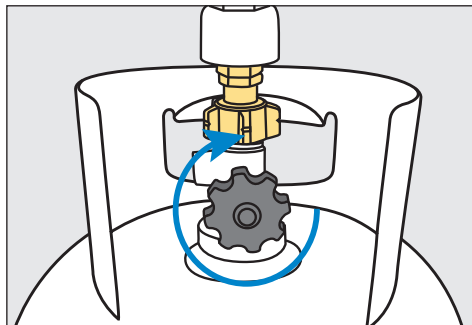


### NOTE:

If the burner head does not ignite, turn the cylinder gas control valve to the off position, wait for 1 minute then repeat the previous step.

## ADJUSTING HEAT OUTPUT

Turn the gas control in an anti-clockwise direction to achieve a more intense heat output, this can be identified by the burner gauze emitting a bright orange/red colour and in the clockwise direction for a reduced heat output.



### IMPORTANT:

DO NOT open the gas valve beyond the point where maximum heat intensity is reached as this may result in unnecessary flaring and waste gas.

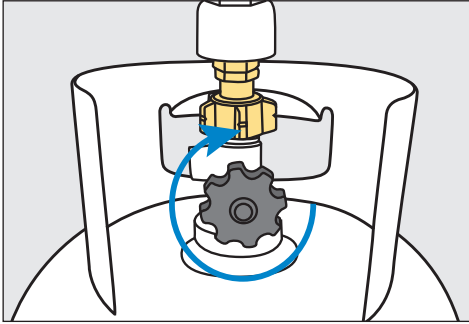
A warm up period of 2 minutes is required to ensure that maximum heat intensity can be achieved.

Avoid moving the radiant heater once lit as this may result in flaring.



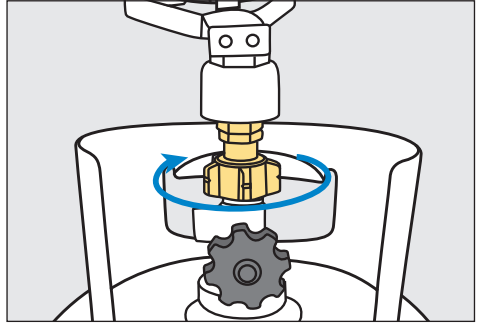
## TURNING HEATER OFF

Extinguish the heater by turning the gas cylinder control valve in the clockwise direction until fully closed.



## DISCONNECTING FROM CYLINDER

Check that the heater is fully extinguished, the gas cylinder control valve is in the fully off position and all surfaces are cool. Loosen the connection to the gas cylinder in a clockwise direction.



### IMPORTANT:

Check that heater is fully extinguished before leaving unattended.

The heater will be extremely hot and must be moved to a safe and secure position where it cannot come in contact with any flammable materials or surfaces.

## CARE INSTRUCTIONS

Using warm soapy water with a mild detergent wipe down all surfaces and areas of the appliance, taking care not to allow water to enter the burner outlets or aeration holes located in the burner tube.

**Do not** submerge the appliance in a sink or bowl.

**Do not** use abrasive cleaners or bleach.

## MAINTENANCE AND SERVICE

During operation if it is noted that the burner flame is unstable, is changing colour from blue to yellow or has a distinct smell it is important that you take the appliance to your local authorised gas appliance repairer for inspection.

Periodically check the gas control is tight and has no leaks, follow the testing for leaks procedure. Check the gas connection for any signs of wear or damage, if identified contact customer service for a replacement assembly immediately.

For further information or assistance please contact customer service.

A selection of spare parts and components are available for your appliance to ensure years of operation.

For more information call 1300 555 197 or email: [service@companionbrands.com.au](mailto:service@companionbrands.com.au)

## SPECIFICATIONS

<b>Part no.</b>	COMP227
<b>Gas type</b>	Propane (LPG)
<b>Gas jet size</b>	0.15mm
<b>Gas consumption</b>	5.8MJ/h - 116g/h
<b>Gas pressure</b>	Cylinder pressure
<b>BTU output (total)</b>	5,500 BTU
<b>Dimensions</b>	285L x 206W mm
<b>Weight</b>	0.76kg
<b>Certificate number</b>	AGA 3023 G

## SPARE PARTS LIST

<b>1</b>	PCS7156	Grill Assembly
<b>2</b>	PCS6045	Burner Assembly
<b>3</b>	PCS5023	Gas Jet Small Burner Stove - 2 pack

