

# COMPANION<sup>®</sup>

TRUSTED SINCE 1941



## CAST IRON RING BURNERS

9,100 BTU - 53,500 BTU



**OUTDOOR USE ONLY**

## OWNERS MANUAL

Part No. RB20, RB30, RB40, RB50

**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 refillable gas cylinder certified to AS 2469 which has a Type 21 POL fitting designed to comply with AS 2473.

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.**

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

USE OUTDOORS ONLY.

## 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 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.

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.



## 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.**

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

Do not use hoses with a length greater than 1 m for models RB30, RB40 and RB50 or hoses with a length greater than 1.2 m for RB20 model.

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 1 m from flammable materials, walls and ceiling.

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 store chemicals or flammable materials, or spray aerosols near this appliance.

Do not operate in an enclosed area without ventilation.

Do not operate in a boat, caravan or tent.

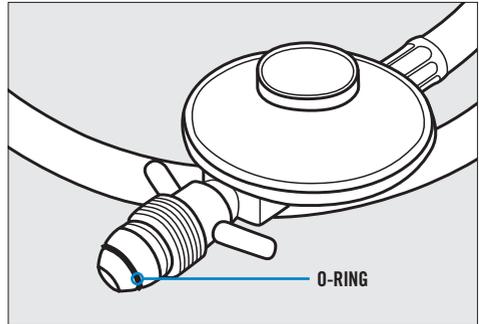
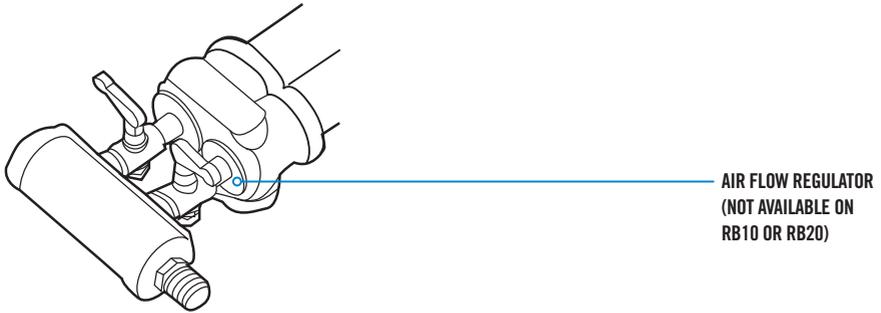
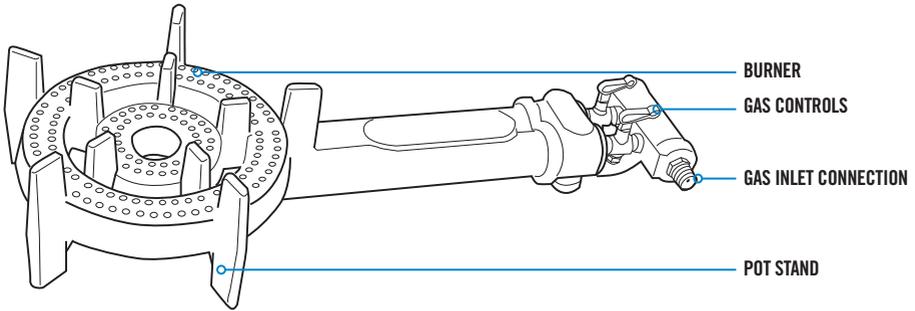


Figure 1: O-RING seal on the POL regulator.

## UNDERSTANDING YOUR APPLIANCE



## CONNECTION

Your appliance is designed to connect directly on to a POL gas cylinder using the specially designed LP Gas hose and regulator supplied with the appliance.

Check that the gas controls are in the OFF position. See figure 2.

Take the stove connector head of the hose and attach to the gas inlet on the appliance, tighten using a spanner. See figure 3.

Attach the other end of the hose to the gas cylinder and tighten. See figure 4.

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 5.

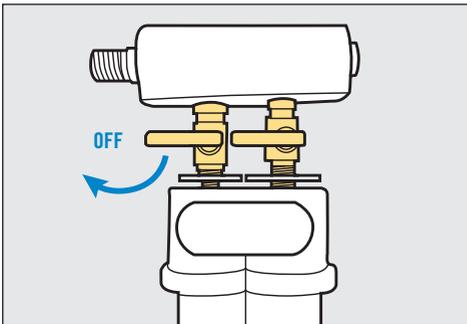


Figure 2

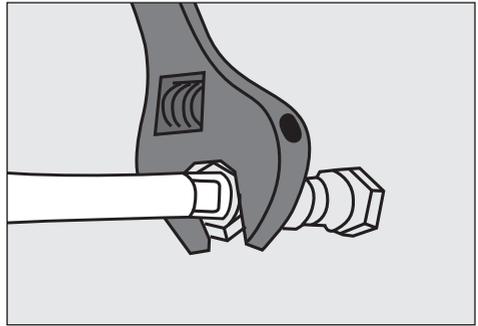


Figure 3

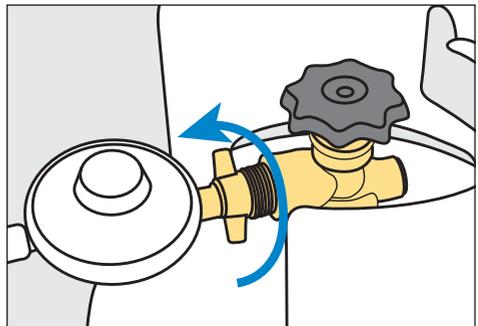


Figure 4

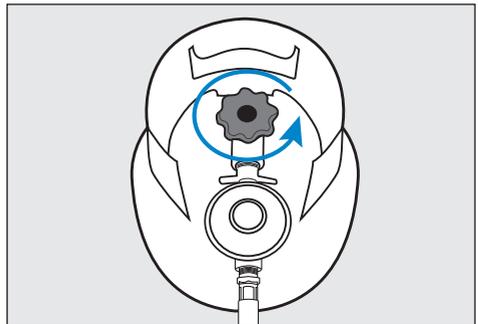


Figure 5

## 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)

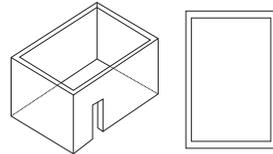
Within a partial enclosure that includes an overhead cover and more than two walls, the following shall apply:

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).

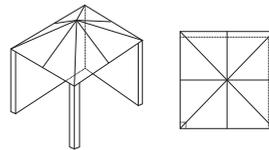
In the case of balconies, 20% or more of the total wall area shall remain open and unrestricted.

## DIAGRAMMATIC REPRESENTATION OF OUTDOOR AREAS

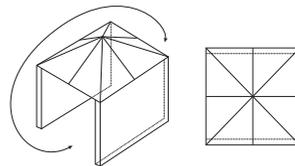
The following examples are diagrammatic representations of outdoor areas. Rectangular areas have been used in these examples - the same principles apply to any other shaped area.



Example 1

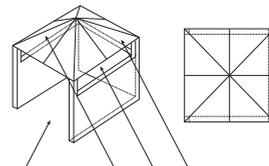


Example 2



Both ends open

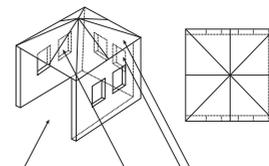
Example 3



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.

Handle with care even after brief use, always pick up using the handle not the cylinder.

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.

Do not use a multiple appliances to heat a single utensil.

Only cooking vessels with a minimum diameter of 25 cm and a maximum diameter of 30 cm are to be used with this appliance.

Do not use as a space heater.

Use as a cooking appliance only, is not to be used as heater or modify for any other reason.

Avoid boil over and spills on to burners.

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

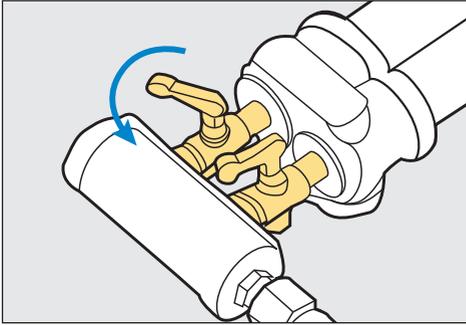
Avoid twisting or kinking the flexible hose.

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.

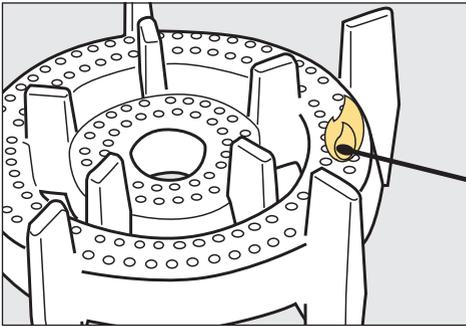
## LIGHTING BURNER

Make sure the gas controls are set to the OFF position.

**Step 1.** Turn gas valve on at the cylinder.



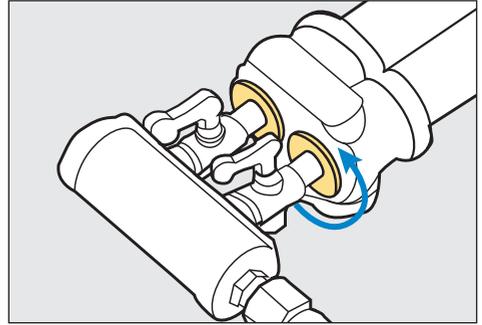
**Step 2.** Take a lit match or gas lighter and position close to the edge of the burner that is to be ignited, slowly turn the gas control in an anti-clockwise approximately  $\frac{1}{4}$  of a turn.



If burner is not alight, return the control knob back to the OFF position, allow the excess gas to disperse then repeat ignition process.

## ADJUSTING THE FLAME

Turn the air flow regulator in an anti-clockwise direction to achieve a higher flame and in a clockwise direction for a lower flame.



## TURNING THE APPLIANCE OFF

If the appliance is no longer to be used and to reduce the risk of blocked gas jets caused by excess gas being left in the hose, all remaining gas must be expelled from the hose assembly.

With the flame still operating, turn the valve on the gas cylinder in a clockwise direction until it is "OFF". Allow the flame to burn down then extinguish once all remaining gas in the hose has been used. See figure 6.

Turn the gas controls on the appliance to the "OFF" position. See figure 7.

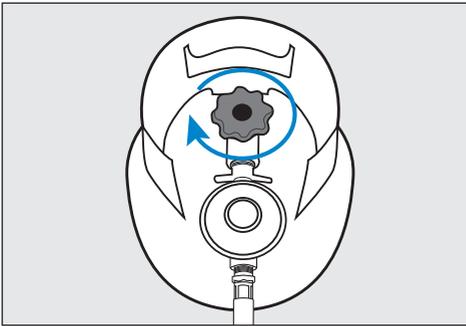


Figure 6

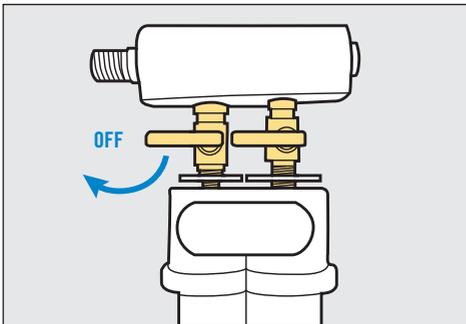


Figure 7

## 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

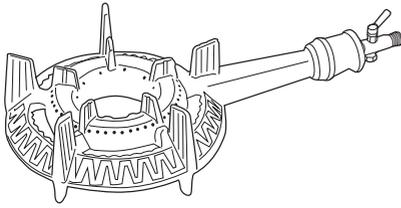
During operation if it is noted that the burner flame is unstable, is changing colour from blue to yellow or has a distinct smell it is important that you take the appliance to your local authorised gas appliance repairer for inspection.

Periodically check the gas control is tight and has no leaks, follow the testing for leaks procedure. Check the gas hose and regulator for any signs of wear, cuts or fraying, if identified replace immediately with a Gas Certified replacement hose and/ or regulator.

For further information or assistance please contact customer service.

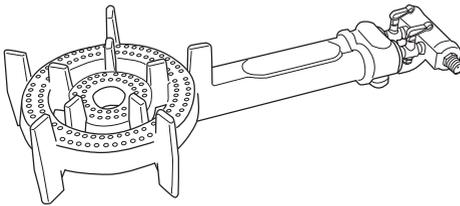
A selection of spare parts and components are available for your appliance to ensure years of operation.

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



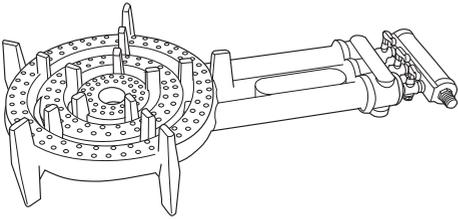
## SPECIFICATIONS

<b>Part no.</b>	RB20
<b>Model no.</b>	Cast Iron Single Ring Burner
<b>Gas type</b>	Propane
<b>Gas jet size</b>	0.875 mm
<b>Gas consumption</b>	9.65 Mj/hr - 192 g/hr
<b>BTU output (total)</b>	9,100
<b>Inlet pressure</b>	2.75 kPa
<b>Dimensions</b>	320L x 190W x 80H mm
<b>Weight</b>	2.5 kg (with hose and regulator)
<b>Certificate no.</b>	AGA 8382 G



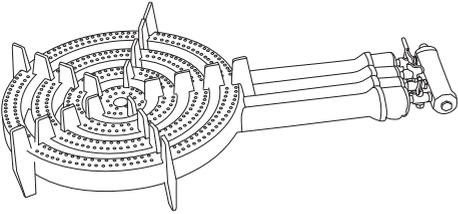
## SPECIFICATIONS

<b>Part no.</b>	RB30
<b>Model no.</b>	Cast Iron Double Ring Burner
<b>Gas type</b>	Propane
<b>Gas jet size</b>	Inner Ring: 0.6 mm Outer Ring: 1.075 mm
<b>Gas consumption</b>	17.6 Mj/hr - 353 g/hr
<b>BTU output (total)</b>	16,750
<b>Inlet pressure</b>	2.75 kPa
<b>Dimensions</b>	425L x 196W x 85H mm
<b>Weight</b>	3.9 kg (with hose and regulator)
<b>Certificate no.</b>	AGA 8382 G



## SPECIFICATIONS

<b>Part no.</b>	RB40
<b>Model no.</b>	Cast Iron Triple Ring Burner
<b>Gas type</b>	Propane
<b>Gas jet size</b>	Centre Ring: 0.575 mm Inner Ring: 0.875 mm Outer Ring: 1.275 mm
<b>Gas consumption</b>	30.5 Mj/hr - 610 g/hr
<b>BTU output (total)</b>	28,950
<b>Inlet pressure</b>	2.75 kPa
<b>Dimensions</b>	475L x 256W x 100H mm
<b>Weight</b>	5.9 kg (with hose and regulator)
<b>Certificate no.</b>	AGA 8382 G



## SPECIFICATIONS

<b>Part no.</b>	RB50
<b>Model no.</b>	Cast Iron Quadruple Ring Burner
<b>Gas type</b>	Propane
<b>Gas jet size</b>	Centre ring: 0.575 mm Inner ring: 1.0 mm Outer 1 ring: 1.275 mm Outer 2 ring: 1.475 mm
<b>Gas consumption</b>	1125 g/hr - 56.45 Mj/hr
<b>BTU output (total)</b>	53,500
<b>Inlet pressure</b>	2.75 kPa
<b>Dimensions</b>	597L x 365W x 100H mm
<b>Weight</b>	10.15 kg (with hose and regulator)
<b>Certificate no.</b>	AGA 8382 G

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