

Russell Hobbs

INSTRUCTIONS AND WARRANTY



MODEL NO. RHOD20
DESCRIPTION: OUTDOOR GAS HEATER

IMPORTANT SAFEGUARDS

Read this instruction leaflet carefully as it has important information both for operational use and your safety. This appliance is a safe and efficient form of heating when used correctly and in accordance with these instructions.

1. Use LPG (Liquid Petroleum Gas) only with this heater.
2. **The heater must be turned ON and OFF at the gas cylinder.**
3. Always ensure adequate ventilation for the effective performance of the appliance.
4. Never attempt to open any part of the heater or dismantle the controls. The supplier cannot accept responsibility for any possible unit failure should this instruction be ignored.
5. The appliance is intended for household use only. Commercial use invalids the warranty and the supplier cannot be held responsible for injury or damage caused when using the appliance for any other purpose than that intended.
6. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
7. Children should be supervised to ensure that they do not play with the appliance.
8. Do not operate the heater if it is damaged, or after the appliance malfunctions. Return the unit to an authorised service agent for examination, repair or adjustment.
9. Never use a naked flame (matches, lighter, candle) to test for gas leaks.
10. **The gas cylinder must always be in an upright position. Do not turn the cylinder upside down in order to empty it completely.**
11. Always disconnect the appliance from the gas cylinder when not in use for long periods of time.
12. The flexible gas hose must be checked periodically for signs of cracking.
13. If the hose needs to be replaced, ensure that the replacement hose is suitable for LPG. Hoses should only be bought from certified gas dealers.
14. Always use the heater in an upright position.
15. Always face the heater to the centre of the room.
16. Do not cover the heater with any type of cloth, clothing, foreign object or block the airflow in any way.
17. Ensure that the appliance is not too close to curtains or fabric or any other flammable material.
18. Do not move the heater while it is in operation. Ensure that the flame is properly extinguished before moving.
19. If a gas leak is suspected (gas smell), turn the gas OFF at the cylinder immediately. **Do not disconnect the regulator or hose from the heater.** Replacement of the regulator must only be carried out by an authorised dealer and must be replaced with the same type and standard of regulator that complies with SABS 1237.
20. Close supervision is required when any appliance is used near children
21. Do not use the heater to cook or to heat food or fats.
22. Do not leave the heater unattended when ON.
23. Do not leave the heater ON overnight.
24. The safety guard in front of the ceramic panels conforms to safety standard requirements and is to prevent risk of injury. No part of it should be removed or altered.
25. Be aware that the appliance will remain hot for some time after use.
26. **In the event of BURN BACK (when the flame burns back into the jet), immediately turn the gas supply off at the cylinder. Ensure the flame is extinguished. Thereafter you may relight the heater as described below. Should the situation repeat itself, it is recommended that you contact the supplier or an approved service centre.**

INSTALLATION

Important Safety Rules:

This appliance must only be used in a well ventilated area.

1. This appliance shall not be installed or used indoors, in buildings, garages or any other enclosed area.
2. DO NOT place articles on or against this appliance.
3. DO NOT use or store flammable materials near this appliance.
4. Children and adults should be alerted to the hazards of high surface temperatures, burns and clothing ignition.
5. Children should be carefully supervised when they are in the area of the appliance.
6. NEVER hang anything including clothes or other flammable items on the appliance.
7. DO NOT operate this appliance unless it is fully assembled with reflector in place.
8. DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILST IT IS IN OPERATION.
9. Installation and repair should be done by a qualified service person. The appliance must be inspected before each use and at least annually by a qualified service person. More frequent cleaning may be required as necessary. It is imperative that control compartment, burners and circulating air passages of the heater be kept clean.

Prior to assembling your appliance, the following must be reviewed. Compliance with the following should result in satisfactory heater operation. This instruction manual should be retained for future reference. The installation must conform with local codes or authority having jurisdiction.

1. The appliance is intended for heating residential and non-residential outdoor spaces. The installation must conform with local codes or, in the absence of local codes, with the Australian Standard AS 5601.
2. Adequate clearance around air openings into the combustion chamber, clearances from combustible materials, provisions for accessibility and for combustion and ventilating air supply must be maintained at all times when the appliance is operating.
7. The hose assembly should be properly located out

3. Proper clearance from combustible materials must be maintained at all times. The minimum clearances are as follows:

Minimum Clearance from Combustibles:

Side 500mm
Rear 500mm
Ceiling 1000mm

Combustible materials are considered to be wood, compressed paper, plant fibres, plastic, plexiglas or other materials capable of being ignited and burned.

Such materials shall be considered combustible even though flame proofed, fire-retardant treated or plastered. Additional clearance may be required for glass, painted surfaces and other materials which may be damaged by radiant or convection heat.

4. Heaters must be placed on a level and adequate footing and be readily accessible.
5. The gas manifold supply pressure must be regulated at 2.75 kPa utilising an AGA approved regulator (supplied with heater).
6. The appliance must be inspected before each use, and at least annually by a qualified service person.
 - a. The appliance area must be kept clear and free of combustible materials, gasoline and other flammable vapours and liquids.
 - b. Gas orifices and burner must be kept clear of dirt and cobwebs. Flow of combustion and ventilation air through the perforated portions of the heater must not be obstructed. Cleaning with a soft brush before use and at least every six months is recommended.
 - c. All gas connections should be checked for leaks utilising a soap solution. Never use a flame for this purpose.
 - d. The flame pattern at the emitter grid should be visually checked whenever heater is operated. If flames extend beyond surface of the emitter grid or a black spot is accumulating on the emitter grid or reflector, the heater should be turned off immediately. The heater should not be operated again until the unit is serviced and or repaired.
 - e. Any cleaning agent used on the heater should be of a non-combustible and non-corrosive nature.
 - f. The stainless steel emitter grid normally does not require cleaning and should NEVER be painted.
The reflector may be cleaned, but never painted.
of pathways where people may trip over it. The hose must be protected from contact with hot or sharp

surfaces both during use and while in storage. The hose assembly should be visually inspected prior to each use of the heater. If excessive abrasion or wear is evident, or the hose is cut, it must be replaced prior to operating the heater. The replacement hose assembly may be obtained from the manufacturer.

8. DO NOT use any pressure regulator or hose assembly other than those supplied with the appliance. Replacement pressure regulator and hose assembly must be those specified. Replacement parts may be obtained from the manufacturer.
9. Installation and use of this heater must conform with local codes or, in the absence of local codes, with the Standards of Storage and Handling of Liquefied Petroleum Gases.
10. This heater is designed to operate with a standard 9Kg propane cylinder with Approved Cylinder Connection.
11. The valve outlet must be maintained in good condition. When the cylinder is not in use, be sure to cover it with a dust cap. A leak test should be performed with soapy water whenever connecting a new cylinder. NEVER use a match to test for leaks.
12. The propane cylinder must be turned off whenever the heater is not in use. When the heater is to be stored indoors, the propane cylinder and the heater must be disconnected and the cylinder stored in accordance with the Standard for Storage and Handling of Liquefied Gases.
13. The heater has been designed with several safety features which include a tip over switch.

Any modification to the heater not described in the installation instructions may compromise the safety of this appliance. Special concern is as follows:

- (1) DO NOT shorten post length;
- (2) DO NOT bypass thermocouple safety;

Clothing or other flammable materials should not be hung from the heater, or placed on or near the heater. The area above the post may be extremely hot. Direct contact with these metal surfaces should be avoided in order to prevent burns or clothing ignition.



Storage of an appliance indoors with the cylinder attached is only permitted if the size of the cylinder complies with AS/NZS 1596; otherwise cylinders must be stored outdoors in a well ventilated area.



The guards are fitted to this appliance to reduce the risk of fire or injury from burns and no part of it should be removed.

PARTS LIST

1. Wheels
2. Base
3. Cylinder panel
4. Handle
5. Burner assy
6. Door assy
7. Hose & Regulator
8. Bolt Pack includes:
 - 4 bolts M8x15mm long, nuts and lock washers.
 - 5 screws M5x10mm long.
 - 2 screws M6x12mm long.
 - 3 screws M6x12mm long.
 - 4 countersink screws M4x8mm long and nuts.

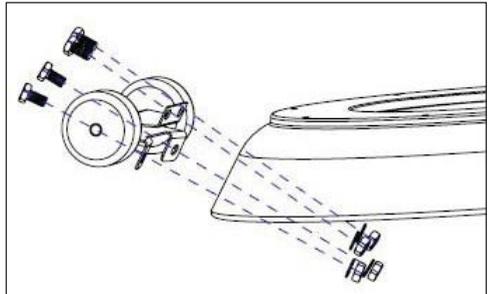
ASSEMBLY

Tools Required (not included): Phillips head screwdriver and adjustable spanners

Note: Remove any transit protection material

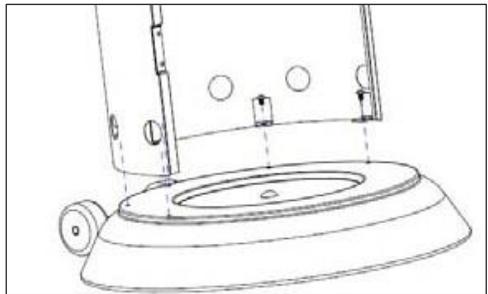
STEP 1

Secure wheels to base using 4 bolts M8x15mm long, 4 nuts and 4 lock washers.



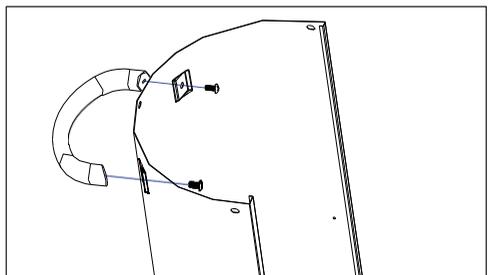
STEP 2

Attach cylinder panel onto base using 5 screws M5x10mm long.



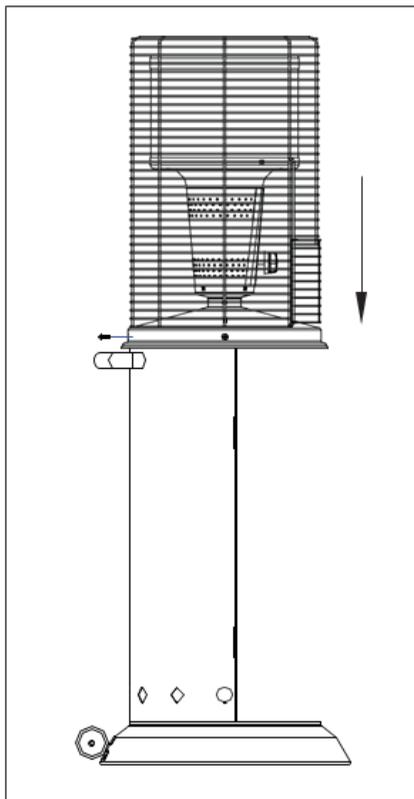
STEP 3

Align holes with handle and secure with 2 screws M6x12mm long.



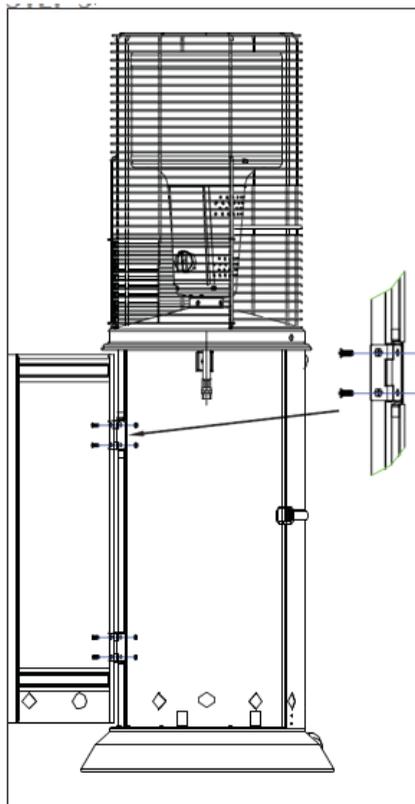
STEP 4

Attach burner assembly to cylinder panel using 3 screws M6x12mm long.



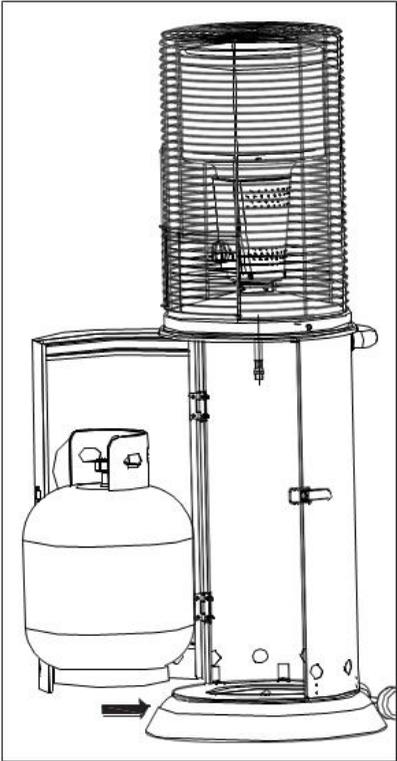
STEP 5

Attach door assembly to cylinder panel using 4 countersink screws M4x8mm long and 4 nuts.



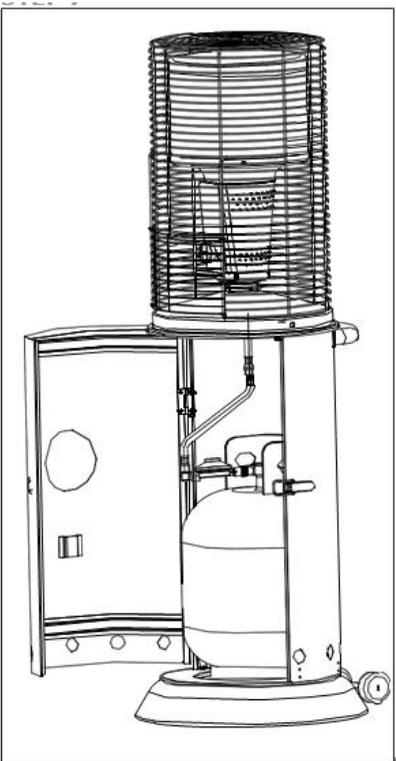
STEP 6

Position cylinder inside the housing.



STEP 7

Attach hose and regulator and leak test both connections.



TEST FIRING HEATER

Test fire heater, following the lighting instructions on heater post. Leak test all gas connections with soapy water. Soap bubbles indicate gas leakage. **DO NOT** use a match to test for gas leaks.

TROUBLE SHOOTING

Problem	Possible Causes
Main burner won't light	No gas
	Low gas pressure
	Blockage in orifice
	Manual valve not in 'LOW' or 'HIGH' position

Note: If the appliance cannot be adjusted to perform correctly it should not be used until serviced or repaired.



WARNING: White smoke may appear around the radiant head during the first minute of the initial firing.



Warning: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Any modifications or adjustments made to product without prior authority from the manufacturer will void any warranty claims. Read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment.

LIGHTING INSTRUCTIONS

Warning: White smoke may appear around the radiant head during the first minutes of the initial firing.

STEP 1.

Ensure that the control knob is off. Open the cylinder cover door and slowly open the gas cylinder valve.

STEP 2.

Push in control knob and turn anti-clockwise to 'HIGH'.

STEP 3.

Check for flame at the burner. If burner does not light immediately turn control knob to 'OFF' position and try again from the start. Allow 30 seconds between ignition attempts for gas to dissipate.

Several attempts may be necessary. Failure to follow this lighting procedure may result in flame roll out beyond the emitter grid.

STEP 4.

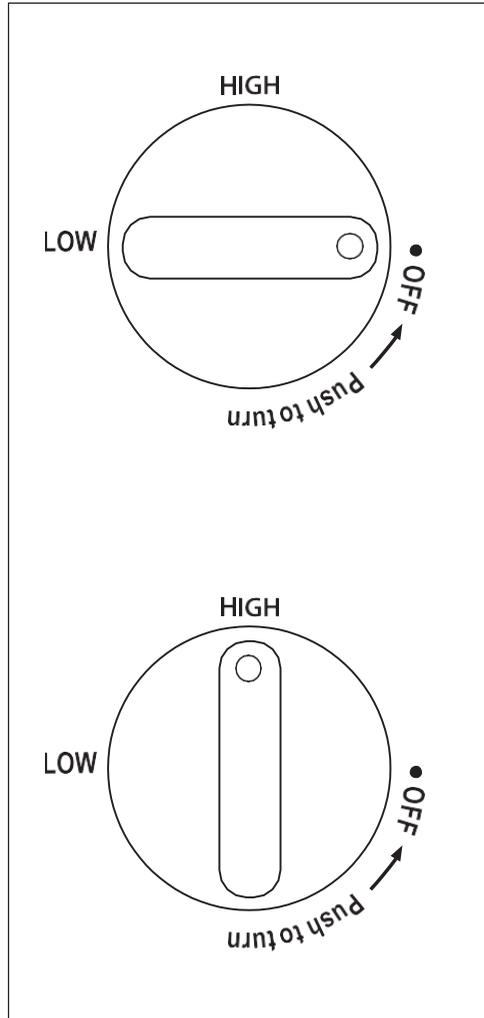
With the burner alight keep control knob depressed for 15 seconds.

STEP 5.

For minimum heat turn the control knob to 'LOW'.

STEP 6.

To turn heater off, turn the control knob to 'OFF'.



**PLEASE AFFIX YOUR PROOF OF PURCHASE/RECEIPT HERE
IN THE EVENT OF A CLAIM UNDER WARRANTY THIS RECEIPT MUST BE PRODUCED.**

W A R R A N T Y

1. Home of Living Brands (Pty) Limited warrants to the original purchaser of this product ("the customer") that this product will be free of defects in quality and workmanship which under normal personal, family or household use and purpose may manifest within a period of 1 (one) year from the date of purchase ("warranty period").
2. Where the customer has purchased a product and it breaks, is defective or does not work properly for the intended purpose, the customer must notify the supplier from whom the customer bought the product ("the supplier") thereof within the warranty period. Any claim in terms of this warranty must be supported by a proof of purchase. If proof of purchase is not available, then repair, and/or service charges may be payable by the customer to the supplier.
3. The faulty product must be taken to the supplier's service centre to exercise the warranty.
4. The supplier will refund, repair or exchange the product in terms of this warranty subject to legislative requirements. This warranty shall be valid only where the customer has not broken the product himself, or used the product for something that it is not supposed to be used for. The warranty does not include and will not be construed to cover products damaged as a result of disaster, misuse, tamper, abuse or any unauthorised modification or repair of the product.
5. This warranty will extend only to the product provided at the date of the purchase and not to any expendables attached or installed by the customer.
6. If the customer requests that the supplier repairs the product and the product breaks or fails to work properly within 3 (three) months of the repair and not as a result of misuse, tampering or modification by or on behalf of the customer, then the supplier may replace the product or pay a refund to the customer.
7. The customer may be responsible for certain costs where products returned are not in the original packaging, or if the packaging is damaged. This will be deducted from any refund paid to the customer.

HOME OF LIVING BRANDS (PTY) LTD (JOHANNESBURG)

JOHANNESBURG
CAPE TOWN
DURBAN

TEL NO. (011) 490-9600
TEL NO. (021) 552-5161
TEL NO. (031) 792-6000

www.russellhobbs.co.za