



FLUX HEATER

Model No. GM124-025



- The ideal solution to extend your outdoor entertaining season
- Maximum output 33.5MJ/h
- Piezo ignition for easy lighting
- Adjustable heat output
- Operates for approximately 14 hours on a properly filled 9kg cylinder
- Wheels for portability
- Includes a safety 'tip-over' switch
- Flame safe-guard system for enhanced safety
- Complete with hose and regulator
- Assembled dimensions (mm): 490W x 1900H x 490D
- 12 month warranty
- Approved to NZ Standards



WARNING

Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage.

Read the instructions thoroughly before installing or servicing this equipment.

FOR OUTDOOR USE ONLY

Important: Retain these instructions for future use.

INSTALLATION, OPERATION & MAINTENANCE INSTRUCTIONS



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 burner guard in place.
8. **DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IT IS IN OPERATION.**
9. Installation and repair should be done by a qualified service person. The appliance must be inspected before 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 and light be kept clean.



FOR YOUR SAFETY

If you smell gas:

1. Shut off the gas to the appliance.
2. Extinguish any open flame.
3. If odour continues, immediately call your gas supplier.

Do not store or use gasoline or other flammable vapour and liquids in the vicinity of this or any other appliance.

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 outdoor spaces. The installation must conform with New Zealand Standard 5601 "Gas Installations".
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.
3. Proper clearance from combustible materials must be maintained at all times. The minimum clearances are as follows:

Minimum Clearance from Combustibles

Side 650mm

Rear 650mm

Ceiling 800mm

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 2.75kPa utilising an 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.

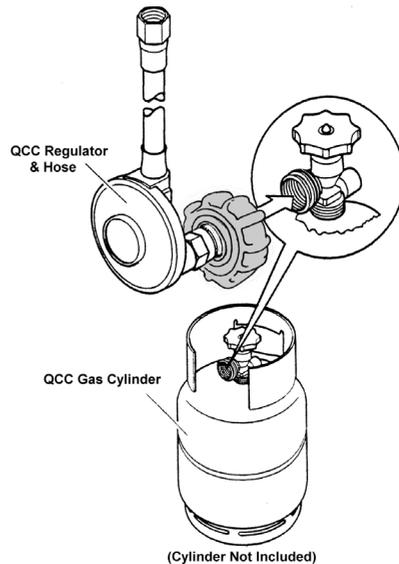
- d. The flame should be visually checked whenever heater is operated. If flames extend beyond surface of the chimney or black soot is accumulating on the burner or glass, the heater should be turned off immediately. The heater should not be operated again until the unit is serviced and or repaired.
- e. Any cleaning agent used on the appliance should be of a non-combustible and non-corrosive nature.
7. The hose assembly should be properly located out 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 distributor.
9. Installation and use of this appliance must conform with New Zealand Standard 5601 "Gas Installations".
10. This appliance is designed to operate with a standard 9Kg LPG 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 LPG cylinder must be turned off whenever the heater is not in use. When the heater is to be stored indoors, the LPG cylinder and the heater must be disconnected and the cylinder stored in accordance with the Standard for Storage and Handling of Liquefied Gases. (i.e.: Not indoors, but in a dry and well ventilated area.)
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:

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 may be extremely hot. Direct contact with these metal surfaces should be avoided in order to prevent burns or clothing ignition.

QCC CYLINDER CONNECTION DEVICE

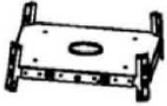
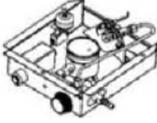
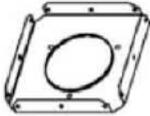
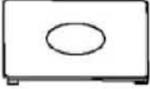
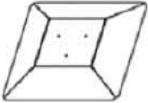
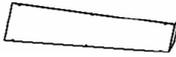
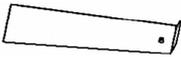
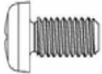


Screw the coupling nut of regulator into the cylinder valve outlet.

Type of Gas	LPG/ULPG
Consumption	33.5MJ/h
Operating Pressure	2.75kPa
Injector Size	1.8mm

Heater specifications can be found on the data label.

PARTS LIST

 <p>1. Middle Plate x1</p>	 <p>2. Control Box x1</p>	 <p>3. Bottom Panel x1</p>	 <p>4. Lower Support Leg. 80cm Long Rubber Foot x4</p>	 <p>5. Upper Support Post x4</p>
 <p>6. Upper Plate x1</p>	 <p>7. Lower Plate Pre-assembled in Middle Plate x1</p>	 <p>8. Glass Tube x1</p>	 <p>9. Radiant Head Pre-assembled in Upper Plate x1</p>	 <p>10. Reflector x1</p>
 <p>11. Protection Guard x4</p>	 <p>12. Guard Fixing Bracket x4</p>	 <p>13. Side Panel x3</p>	 <p>14. Front Panel x1</p>	 <p>15. Screw All pre-assembled in relative parts x66</p>
 <p>16. Knob x1</p>	 <p>17. Chain Pre-assembled in the front knob x1</p>	 <p>18. AA Battery x1</p>	 <p>19. Wheels Screws & washers attached x2</p>	

ASSEMBLY INSTRUCTIONS

Note: Remove any transit protection material.

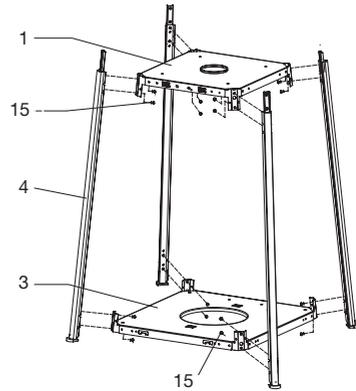
Tools required

Phillips head screw driver and 2 adjustable spanners.

STEP 1

The lower support leg (4) is identified by a rubber foot at the bottom. Remove the five screws (15) from each leg, using them to attach the bottom panel (3) and middle plate (1) from the inside.

Ensure the magnets on the side of the middle plate are aligned with the 'T' shaped holes on the side of the bottom panel.



STEP 2

Remove the screws (15) from each of the upper support posts (5), using them to attach to the middle plate (1) from the inside. (Fig. 1)

Remove the screws from the radiant head (9/6), using them to attach it to the upper posts (5) from the outside.

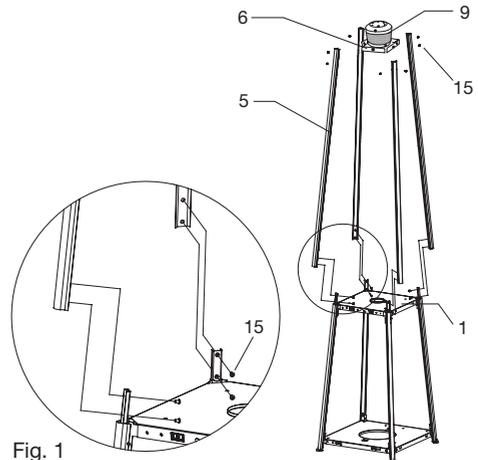


Fig. 1

STEP 3

Remove the fasteners from the wheels. Lay the frame down and attach the wheels (19) into the pre-drilled holes at the back of the bottom panel (3) with the fasteners removed from them.

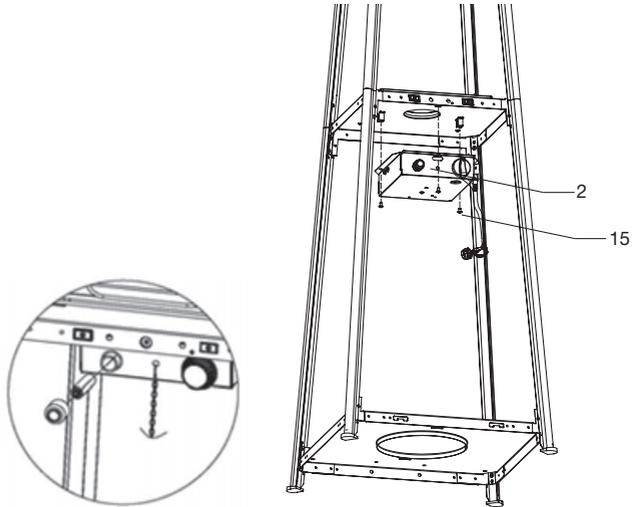


ASSEMBLY INSTRUCTIONS

STEP 4

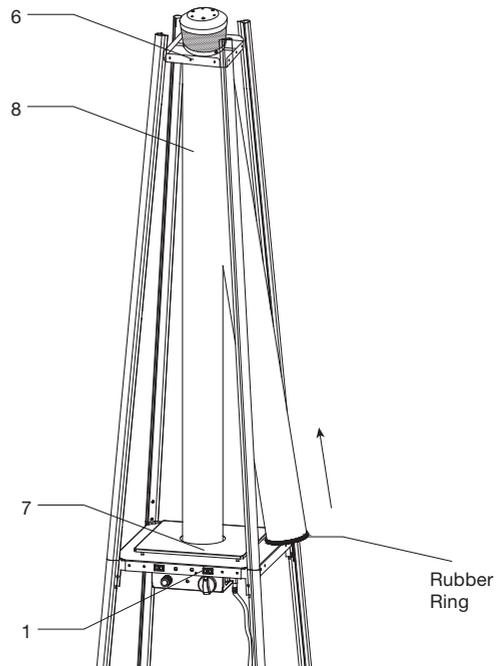
Attach the control box (2) to the underside of the middle plate (1) with the controls facing the magnets, using 4 screws (15) from underneath.

Unscrew and remove the igniter cap, insert a 'AA' battery with the + facing outwards, then re-attach the cap.



STEP 5

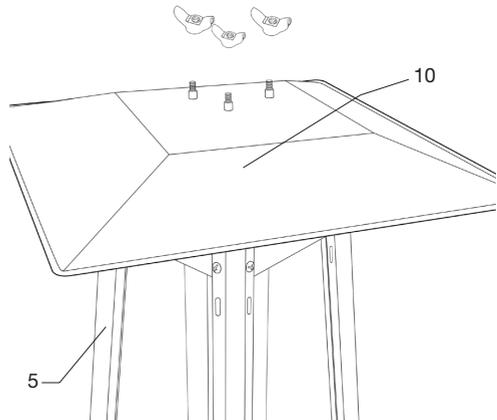
Carefully slide the glass tube (8) up into the radiant head (9/6), ensure the rubber ring is located at the bottom of the tube and lower it into the hole in the lower plate (7).



ASSEMBLY INSTRUCTIONS

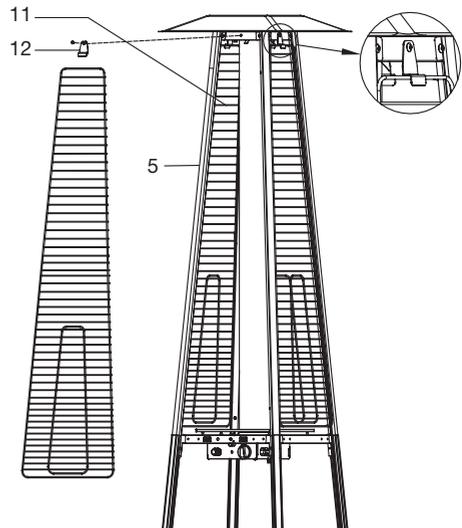
STEP 6

Attach the reflector (10) to the studs on the radiant head (9) using the washers and wing nuts supplied.



STEP 7

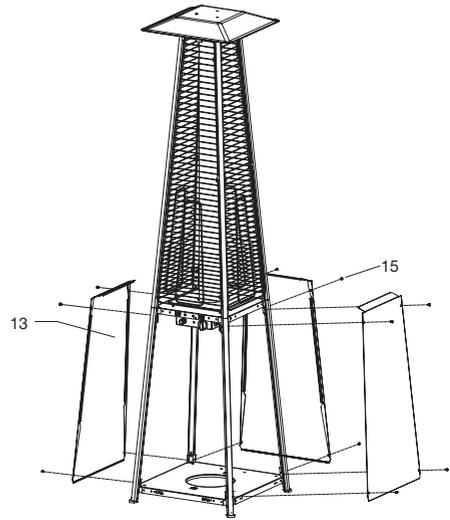
Attach the four guards (11) by aligning the hooks with the slots in the upper support posts (5) and secure at the top with the bracket (12) and screw supplied.



ASSEMBLY INSTRUCTIONS

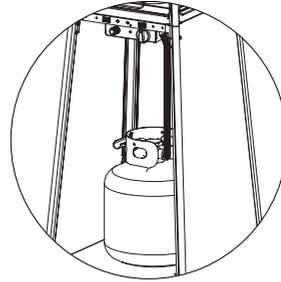
STEP 8

Attach the side and back panels (13) using the 4 screws (15) supplied per panel.



STEP 9

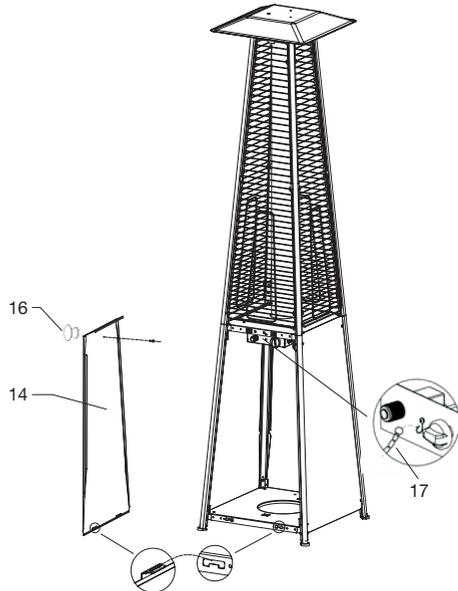
Connect the hose to the hose connector on the underside of the control box (2). Leak test all connections using a soapy water solution. Never use a flame for this purpose.



STEP 10

Attach the knob (16) to the outside top of the door panel (14) with the chain (17) on the inside. The bent tabs at the bottom are positioned into the 'T' shaped holes in the bottom panel (3) and held at the top with magnets.

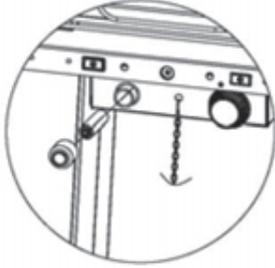
Check and tighten all fasteners before first use.



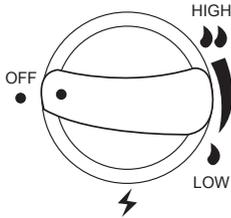
LIGHTING INSTRUCTIONS

Warning: White smoke may appear round the burner head during the first minutes of initial firing.

1. Check and ensure that an AA battery is inside the ignition chamber and has power. Ensure the anode (+) faces outside.



2. Ensure that the control knob is OFF. Slowly open the gas cylinder valve.



3. Push in and turn the control knob anti-clockwise to LIGHT position for 30 seconds whilst simultaneously pushing the igniter several times until the pilot flame ignites. Check for pilot flame through glass tube. If the pilot flame does not ignite immediately, turn control knob to OFF and wait 2 minutes between ignition attempts for gas to dissipate.

OFF	
LIGHT	
LOW	
HIGH	

4. If the pilot is alight, keep control knob pressed for 15 seconds then turn the control knob to 'LOW'.
5. For maximum heat turn control knob to 'HIGH'.
6. To turn heater off, turn control knob to 'OFF'.
7. Turn off the valve on the gas cylinder clockwise and disconnect the cylinder.

Note: if the burner flames goes out accidentally, turn off the appliance and wait at least 5 minutes to let the gas dissipate before relighting. Repeat steps 2 – 4.

Allow at least one minute to purge air through to pilot after connection to a new cylinder.



IMPORTANT SAFETY RULES

- Never use the heater while it is raining, the glass tube will break.
- The glass tube will be extremely hot when operating, never try to touch it and keep children away from the heater.
- Always ensure the heater is seated firmly, the glass tube may break if the heater falls.
- Never use the heater if the glass tube has any crack or damage.
- THE GUARD IS FITTED TO THIS APPLIANCE TO REDUCE THE RISK OF FIRE OR INJURY FROM BURNS AND NO PART OF IT SHOULD BE REMOVED.
- ANY GUARD OR OTHER PROTECTIVE DEVICE REMOVED FOR SERVICING THE APPLIANCE MUST BE REPLACED PRIOR TO OPERATING THE APPLIANCE.

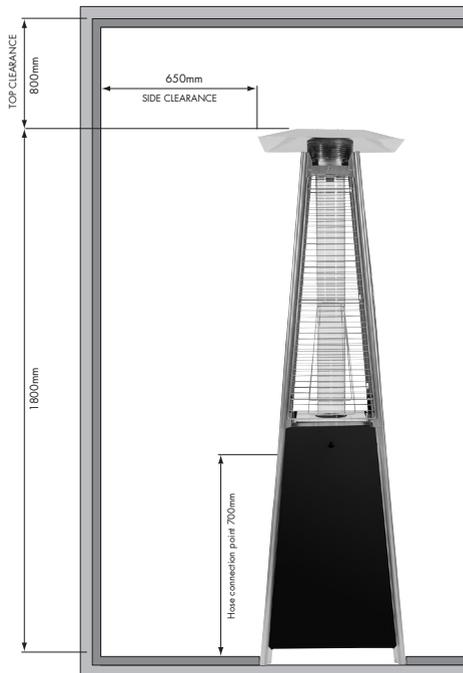
TROUBLE SHOOTING

Problem	Possible Causes	Solution
Main burner will not light	Gas valve may be OFF	Turn the gas valve ON
	LPG cylinder empty	Refill LPG cylinder
	Orifice blocked	Clean or replace orifice
	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	Check all fittings
	Thermocouple faulty	Replace thermocouple
	Gas leak in line	Check connections
	Lack of gas pressure	LPG cylinder is near empty
	Gas pressure is low	LPG cylinder is near empty
	Orifice blocked	Remove, clean and replace
	Control knob not ON	Turn knob to ON
	Thermocouple faulty	Replace thermocouple
	Pilot light assembly bent or not in correct location	Place pilot light in correct position and retry

Note: Any repairs to the heater must be carried out by a qualified person.

OUTDOOR FLAME HEATER - FOR OUTDOOR USE ONLY

Minimum Clearance from Combustible Surfaces*:



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

SAFE APPLIANCE 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 the following:

An enclosure with walls on all sides, but at least one permanent opening at ground level and no overhead cover (see Example 1).

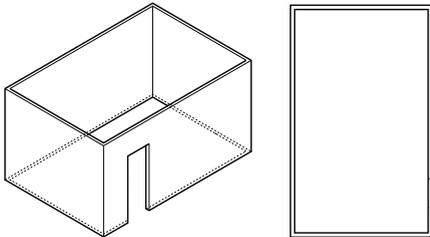
Within a partial enclosure that includes an overhead cover and no more than two walls (see Example 2 & 3).

Within a partial enclosure that includes an overhead cover and more than two walls, the following will apply: at least 25% of the total wall area is completely open, and at least 30% of the remaining wall area is open and unrestricted (see Example 4 & 5).

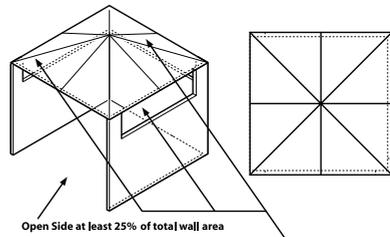
In the case of balconies, at least 20% of the total wall area shall be and remain open and unrestricted.

DIAGRAMMATIC REPRESENTATIONS OF OUTDOOR AREAS

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

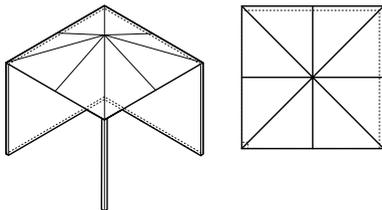


Outdoor Area - Example 1

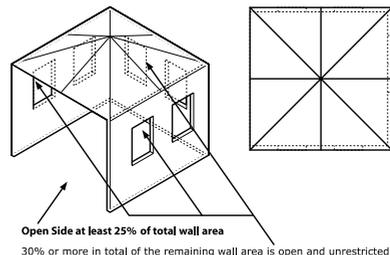


Open Side at least 25% of total wall area
30% or more in total of the remaining wall area is open and unrestricted

Outdoor Area - Example 4

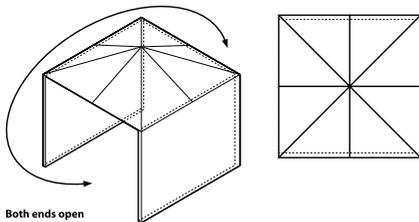


Outdoor Area - Example 2



Open Side at least 25% of total wall area
30% or more in total of the remaining wall area is open and unrestricted

Outdoor Area - Example 5



Both ends open

Outdoor Area - Example 3

OUTDOOR HEATER RANGE

Aber Living warrants the purchaser of this product against defects in workmanship and material, for a period of up to 12 months from the date of purchase. The warranty is non-transferable and becomes void if used for commercial or rental purposes.

Warranty and purchase receipt of this product are to be retained as proof of purchase and must be presented if making a claim under the terms of the Aber Living Warranty. Repairs under warranty are free of charge, provided the product is delivered to our Service Department or Authorised Service Agent and freight charges both ways are paid by the owner. No liability will be accepted for any loss of damage in transit.

Note: In most cases the Burner Head, Hose and Regulator only will need to be returned.

Aber Living reserves the rights to replace or repair the product within the warranty period. Warranty does not apply to any defect, deterioration (including corrosion if located within 1km of the sea), loss, injury or damage occasioned by or as a result of the misuse or abuse, negligent handling or if the product has not been installed and used in accordance with the instructions. The warranty is void if there is evidence of the product being tampered with by unauthorised persons.

If the product includes one or a number of accessories, only the defective accessory or part will be replaced, eg. hose, regulator, piezo igniter, or reflector.

In the event of Aber Living choosing to replace the product, the warranty will expire at the original date, i.e. 12 months from the original purchase date.

Where this product contains information from an overseas country, nothing in that information is intended to limit any condition, guarantee, right or remedy which may be available under the Consumer Guarantees Act 1993, except to the extent permitted by that Act.

Approved for Outdoor Use Only

For service, spare parts or product information in New Zealand, please call Aber Living on the Customer Service Line - 0800 161 161. www.aberliving.co.nz

YOUR PURCHASE RECORD (please complete)

Date of Purchase ____ / ____ / ____

Model Number _____

Serial Number (if applicable) _____

Purchased from _____

Attach copy of purchase receipt here