



Operating Instructions

Ceramic Bathroom Heater



For Model: GBH450 or GBH550

General Care and Safety Guide

YOUR SAFETY IS IMPORTANT TO US. PLEASE ENSURE YOU TAKE NOTE OF THE INSTRUCTIONS AND WARNINGS OUTLINED IN THIS MANUAL.

CAUTION: In order to avoid a hazard due to inadvertent resetting of the thermal safety device, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

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 are supervised or have been given instruction concerning the use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

WARNING: You must not cover this appliance. Covering this appliance presents a fire risk and will activate the thermal safety device; permanently disabling the unit.

WARNING: Do not use this appliance in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.

WARNING: To reduce the risk of fire, keep textiles, curtains, or any flammable material a minimum distance of 1 metre from the air outlet.

- Your Goldair Bathroom Fan Heater Wall Bracket must be installed with:
 - At least 1.85m clearance from the floor.
 - At least 210mm clearance from the ceiling.
 - At least 300mm clearance on the sides.
 - At least 700mm clearance from the bottom of the heater to any obstructions.
 - At least 1m clearance from the air outlet to any flammable material including textiles, curtains and soft furnishings.
- For safe operation the heater must be locked in place on the Wall Mounting Bracket.
- Do not place appliance close to radiant heat source.

General Care and Safety Guide (continued)

- Never cover this heater or restrict its airflow with a towel or any other item. Covering or restricting the airflow of the heater will cause activation of the thermal safety device. Do not use appliance to dry clothes.
- **PLEASE NOTE: The most common cause of overheating is incorrect installation and/or deposits of dust or fluff in the appliance. Ensure the heater is installed correctly and/or these deposits are removed regularly by removing the heater from the quick release wall mount and vacuum cleaning the air vents and grills.**
- Use this appliance only as described in this manual. Any other use is not recommended by the manufacturer and may cause fire, electric shock or injury.
- When the appliance has been unpacked, check it for transport damage and ensure all parts have been delivered. If parts are missing or the appliance has been damaged, contact the Goldair Customer Services Team.
- Do not use if there are visible signs of damage to the appliance.
- Ensure hands are dry before handling the plug or main unit.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening, as this may cause an electric shock, fire or damage to the appliance.
- Do not immerse in liquid or allow liquid to run into the interior of the appliance, as this could create an electric shock hazard.
- Do not operate in areas where petrol, paint or other flammable liquids are used or stored.
- If your appliance does not work, or is not working properly, contact the place of purchase or the Customer Services Team.

Components



GBH450



GBH550



Wall Mounting Bracket x 1



Screw Pack:
Screw x 4
Wall Plug x 4

Goldair		
Model No:	BH1030	☐
Item No:	(GBH450)	
Supply:	230-240VAC 50Hz	⚠
Wattage:	1900-2000W	
Approval no. :	ULL-102694-EA	
DO NOT COVER		
Made in China		
QC Passed: PO#-WWYY		

Goldair		
Model No:	BH1024	☐
Item No:	(GBH550)	
Supply:	230-240VAC 50Hz	⚠
Wattage:	1900-2000W	
Approval no. :	ULL-103056-EA	
DO NOT COVER		
Made in China		
QC Passed: PO#-WWYY		

Instructions

Please read these instructions and User Manual carefully.

Always choose a safe location for the heater, keeping in mind the safety precautions outlined. Ensure all packaging has been removed from the unit before use. Do not dispose of packaging until completely satisfied with your purchase.

THE HEATER MUST BE LOCKED IN PLACE ON THE WALL MOUNTING BRACKET BEFORE IT CAN BE SAFELY OPERATED.

Heaters are only to be mounted on heat resistant walls that comply with current AS/NZS specifications and building regulations. Use only the voltage specified on the rating label of the appliance.

- It is illegal for persons other than those authorised by legislation to work on the fixed wiring of any electrical installation.
- All installations must be in accordance with the local Electrical Wiring Regulations and Wiring Rules.
- Means for electrical disconnection must be incorporated in the fixed wiring in accordance with the wiring rules

CAUTION: Do not mount directly above an electrical power socket. It is recommended to install the heater to the side of any power socket

CAUTION: The appliance is to be installed so that switches and other controls cannot be touched by a person in the bath or shower.

NOTE: Your Goldair Bathroom Fan Heater Wall Mount must be installed with:

- At least 1.85m clearance from the floor.
- At least 210mm clearance from the ceiling.
- At least 300mm clearance on the sides.
- At least 700mm clearance from the bottom of the heater to any obstructions.
- At least 1m clearance from air outlet from any flammable material including textiles, curtains and soft furnishings.

CAUTION: Ensure your unit is at least 700mm above any obstruction that will restrict air flow– **this includes window frames and doors** – they may only protrude a small amount, but this can reflect sufficient heat to cause safety devices to activate.

NEVER install unit directly above a door. An open door can restrict airflow causing the thermal safety device to activate.

See installation instructions on next page.

Installing your Appliance

Figure 1. Installation Location

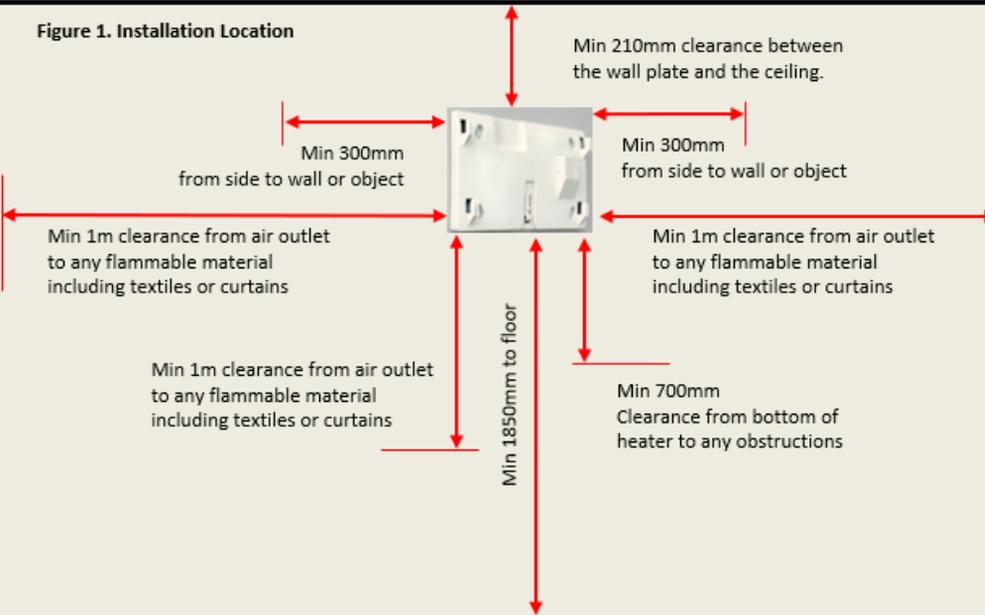


Figure 2

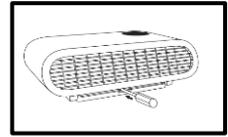


Figure 3a

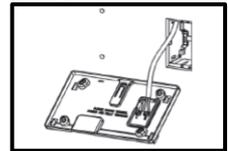
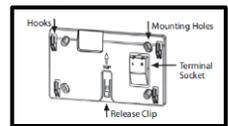
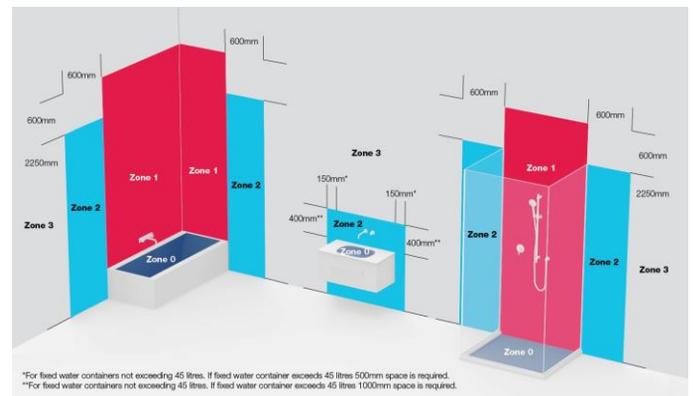


Figure 3b



- Select a location for mounting of the heater in accordance with the installation instructions
- **Ingress Protection (IP):** Bathrooms are divided into four zones based on the levels of perceived risk within each area. The measurements are taken from the fixed plumbing connection (water source) and each zone has specific requirements regarding the electrical equipment that can be used within it. **Goldair Bathroom heaters are rated IPX0 so must be installed in Zone 3.**



- The Wall Mounting Bracket should be positioned as shown in Figure 1.
- The wiring within the wall cavity can be terminated into the respective terminals marked L and N on the wall mounting bracket. (See Figure 3a).
- **The Wall Mounting Bracket must be secured with all four screw fixing points** with the screws and wall plugs supplied. (See Figure 3b).
- The Wall Mounting Bracket can be used with or without a flush box (Cat144) in the wall cavity. When using a flush box, it should be located directly behind the Wall Mounting Bracket connector block.
- Fit the heater to the wall mounting base by ensuring the 4 hooks on the wall mounting base have engaged with the mounting apertures of the heater. Slide the heater down to lock it into place. The electrical connection is automatically made during this step.
- **The heater must be locked in place on the Wall Mounting Bracket for safe operation.**
- To check the heater is fully locked to the mounting bracket, attempt to gently slide the heater upwards. It should be securely held in position.
- To remove the heater from the Wall Mounting Bracket, insert a blade screwdriver into the hole located below the middle of the outlet grille. Rotate the screwdriver until the clip releases. Then while holding the heater, gently push up with the screwdriver sliding the heater off the Wall Mounting Bracket. (See Figure 2.)
- Please refer to your user manual for operating instructions, further information or trouble shooting before you call the Customer Service number listed in the user manual.

Operating Your Heater

WARNING: In order to avoid overheating or fire, **DO NOT COVER** the heater.

WARNING: Do not use this heater with a programmer, separate timer, remote-control system or any other device that switches the heater on automatically - as a fire risk exists if the heater is covered or positioned incorrectly.

WARNING: Never leave this heater unattended when in use.

NOTE: When the appliance is turned on for the first time, it may release a slight odour or smoke. This odour or smoke is a normal occurrence caused by the initial heating of the internal heating elements and should not occur again.

IMPORTANT NOTE:

Goldair bathroom heaters have multiple operating modes:

Heat Control – Hot Air – 2000W

Use the pull cord to start the heater and again to turn the heater off.

Automatic Step-down Heat – Warm Air – 1000W

When the room reaches a preset temperature, the heater will automatically step-down and reduce the heat output to save power. If the room cools down, the heater will automatically resume the 2000W setting.

Overheat Protection – Cold Air

The heater will switch off the heating element in the event of over heating, the fan will continue to operate. The heater will automatically reset and resume heating when it has cooled down.

If the heater is blowing cold air, power it off and leave it for 1-2 hrs to allow the safety devices to cool down and reset.

Then restart your heater and if;

A) it blows warm or hot air, continue to use the heater.

B) it still blows cold air, then the one shot thermal safety device has activated. You will need to contact CDB customer services team with a photo of your installation and we will be in touch with further instructions. Scan the below QR-Code to be directed to our 'contact us' website page.



Cleaning Your Heater

The heater requires regular cleaning to ensure trouble free operation:

- Before cleaning, remove unit from Mounting Bracket.
- Use a vacuum cleaner to remove dust and fluff from the inlet and outlet grills.
- Use a damp cloth to clean the exterior of the heater. Do not use abrasive cleaning products on this appliance.
- Ensure the heater is dry before turning the power supply back on to the heater.

Servicing Your Heater

Do not attempt to repair or adjust any electrical or mechanical functions on this unit. Doing so will void the warranty. Contact a qualified electrical person to service the heater.

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SUPPORT AND TECHNICAL ADVICE

Goldair – New Zealand
Monday – Friday 8am-5pm
Phone +64 (0)9 917 4000
Phone 0800 232 633
info@cdb.co.nz



Two Year Warranty

Thank you for purchasing this Goldair product. Your product is warranted against faults and manufacture when used in normal domestic use for a period of **two years**. In non-domestic use Goldair limits the voluntary warranty to **two months**.

Goldair undertake to repair or replace this product at no charge if found to be defective due to a manufacturing fault during the warranty period.

Your Goldair product has been inspected and tested and is guaranteed subject to the following for a period to one year from the date of purchase against defects in workmanship and materials.

During this period, such defects will be rectified by repair or replacement of the product purchased. Your product contains no user serviceable components and this warranty becomes invalid if in our opinion the product has been misused, abused, incorrectly installed, tampered with, connected to an electrical supply not corresponding with the name plate specification, or subjected to power surges. The warranty does not include any labour or other associated expense that may be involved in removal or installation of the product. Normal wear and tear is expressly excluded.

If your Goldair product fails to operate satisfactorily, please return it to the retailer from whom it was purchased. To obtain a repair or replacement product under this warranty, you will need to produce satisfactory evidence of date of purchase. The completed warranty and purchase receipt must be presented with the product. The warranty should be filled out at the time of purchase. It is in your interest to make sure this is done.

If the product is to be replaced (cannot be repaired) then that replacement will be of the same or similar product or accessory excluding packaging, instruction card etc. Where a replacement product is supplied, this shall be guaranteed for the balance of the original warranty period.

Any model that is no longer available will be replaced by a model of a value and with such features as we consider appropriate in the circumstances. Goldair Ltd is not responsible for freight forwarding charges, losses or damage in transit.

If service is required after the warranty period has expired, the product should be returned to a qualified electrical technician. Service outside of the warranty period will be at your cost.

PLEASE KEEP YOUR RECEIPT AS THIS WILL HELP VERIFY YOUR WARRANTY.

The benefits given to you by this warranty are in addition to other rights and remedies available to you under law in relation to the goods or services to which this warranty relates.

In Australia, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

In New Zealand this warranty is additional to the conditions and guarantees of the Consumers Guarantee Act (1993).

Goldair – New Zealand

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Goldair Two Year Warranty (IMPORTANT: Please complete and retain this warranty card)

Name _____

Address _____

Place Of Purchase _____

Date Of Purchase _____

Name Of Product _____

Model Number _____

Attach a copy of the purchase receipt to this warranty card

Due to continual design improvements, the product illustrated in this User Manual may differ slightly from the actual product.

Goldair™



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