



## Operating Instructions

### 2400W Bathroom Wall Fan Heater



Model: 3508W and GBH100

# 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.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

**WARNING:** You must not cover this appliance. Covering this appliance presents fire risk and will activate the 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 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, such as other appliances, shelves and pictures.
  - At least 1.0m clearance from air outlet from any flammable material including textiles, curtains and soft furnishings.
- The heater must be locked in place on the Wall Mounting Base before use for safe operation.
- Do not place appliance close to radiant heat source.

# General Care and Safety Guide

- 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.**
- This appliance is intended for household use only and not for commercial or industrial use.
- 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.
- Do not use the appliance if it has been dropped or damaged.
- 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 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 operate this appliance with a damaged cord, plug or after the appliance malfunctions or has been dropped or damaged in any manner. Take to a qualified electrical person for examination, electrical service or repair.
- 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



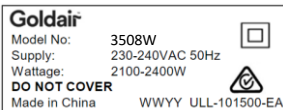
Main Unit x1 – 3508W / GBH100



Wall Mounting Plate x 1



Screw Pack:  
Screw x 10  
Wall Plug x 4  
Screw Cover x 2



# Installation 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 BASE BEFORE IT CAN BE SAFELY OPERATED.**

Bathroom fan heaters are only to be mounted on heat resistant walls that comply with current AS/NZS specifications & 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 disconnection must be incorporated in the fixed wiring in accordance with the wiring rules

**CAUTION:** Do not mount directly under or 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, such as other appliances, shelves and pictures.
- At least 1.0m clearance from air outlet from any flammable material including textiles, curtains and soft furnishings.

**CAUTION:** Ensure your unit is at least 700mm above any wall mounted object – **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 in a position where an open door can abut up to the front of the unit, as it will heat up too quickly and activate the safety devices.

See installation instructions on next page.

# Installing your Appliance

Figure 1. Installation Location

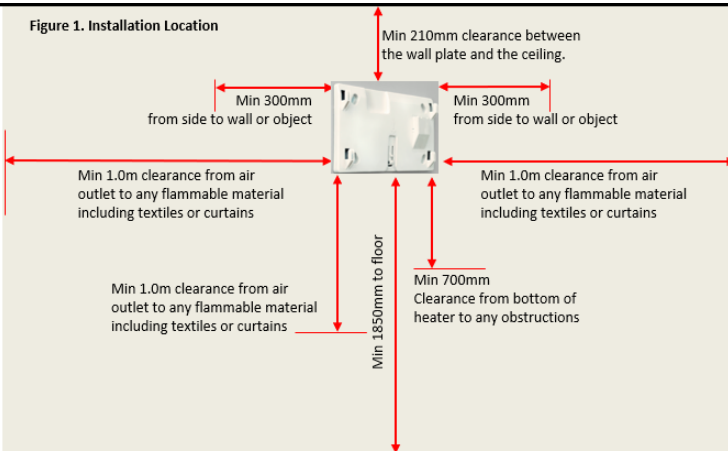


Figure 2

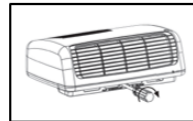


Figure 3a

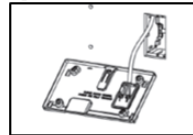
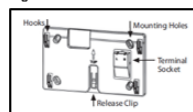


Figure 3b



## INSTALLATION

- Select a location for mounting of the heater in accordance with the installation instructions
- The heater must be connected by permanent wiring within the wall cavity from an isolating switch.
- **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 Base 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 base. (See Figure 3a).
- **The Wall Mounting Base must be secured with all four screw fixing points.**
- Securely fix the Wall Mounting Base to the wall surface with the screws and wall plugs supplied. (See Figure 3b).
- The Wall Mounting Base 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 Base 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 Base for safe operation.**
- To check the heater is fully locked to the mounting base, attempt to gently slide the heater upwards. It should be securely held in position.
- To remove the heater from the Wall Mounting base 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 Base. (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 within 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 3 operating modes:

### **Heat Control – Hot Air – 2400W**

Ensure the heater has power available by turning it on at the isolating switch. Pull the pull-cord to start the heater. The neon indicator light will illuminate indicating the heater is in operation. Pull the pull-cord again to turn the heater off.

### **Automatic Step-down Heat – Warm Air – 1200W**

When the room reaches a pre-set temperature, the heater will automatically step-down and reduce the heat output to save power. If the room cools down, the heater will automatically step-up and increase the heat output.

### **Overheat Protection – Cold Air**

The heater will turn itself off in the event of over heating. The most common cause of over heating is deposits of dust or fluff entering the appliance. Ensure these deposits are removed regularly by cleaning the inlet and outlet grills. The heater will automatically re-set 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 reactivate your heater and if;

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

B) it still blows cold air, then the permanent disabling element safety device has activated. You will need to reach out to CDB customer services team with imagery of your installation and we will be in touch with further instructions. Scan the 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 Base Plate.
- 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.

**Goldair**<sup>™</sup>

SUPPORT AND TECHNICAL ADVICE

North Shore City, Auckland, New Zealand

Monday – Friday 8am-5pm

Phone: 0800 232 633

Website: [www.goldair.co.nz](http://www.goldair.co.nz)



# One 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 **one year**. In non-domestic use Goldair limits the voluntary warranty to **three 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.

This warranty excludes damage caused by misuse, neglect, shipping accident, incorrect installation, or work carried out by anyone other than a qualified electrical service technician.

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**

CDB Goldair  
PO Box 100-707  
N.S.M.C  
Auckland

Phone +64 (0)9 917 4000  
Phone 0800 232 633  
[www.goldair.co.nz](http://www.goldair.co.nz)

**Goldair – Australia**

CDB Goldair Australia Pty  
PO Box 574  
South Morang  
Victoria, 3752

Phone +61 (0)3 9365 5100  
Phone 1300 GOLDAIR (1300 465 324)  
[www.goldair.com.au](http://www.goldair.com.au)

**Goldair One 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

# Goldair™



CDB  Goldair™

New Zealand  
PO Box 100707,  
North Shore Mail Centre,  
Auckland, 0745  
[www.goldair.co.nz](http://www.goldair.co.nz)

Australia  
PO Box 574,  
South Morang,  
Victoria, 3752  
[www.goldair.com.au](http://www.goldair.com.au)