

**Operating Instructions** 

### Ceramic Bathroom Heater with WiFi



For Model: GBH500

#### 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 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 (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.
- 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 x 1 – GBH500



Wall Mounting Plate x 1



Remote x 1



Screw Pack: Screw x 4 Wall Plug x 4



#### 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:

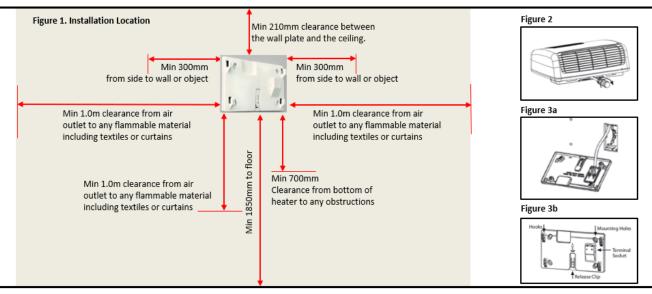
- At least 1.85m clearance from the floor.
- At least 210mm clearance from the ceiling.
- At least 300mm clearance on the sides.
- At least 700mm clearance from the bottom of the heater to any obstructions, such as other appliances, shelves and pictures.
- At least 1.0m clearance from air outlet from 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



- Select a location for mounting of the heater in accordance with the installation instructions
- NOTE: THIS IS A SMART DEVICE THAT REQUIRES A CONTINOUS POWER SUPPLY SO SHOULD NOT BE USED WITH AN ISOLATING ON/OFF 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 IPXO 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 Figure3b).
- 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 multiple operating modes:

#### Heat Control – Hot Air – 2000W

Use the remote to start the heater. The neon indicator light will illuminate indicating the heater is in operation. Use the remote again to turn the heater off.

#### Automatic Step-down Heat – Warm Air – 1000W

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 reset to the 2000W setting.

#### <u>Cool Down – Cold Air</u>

The heater will continue to run for 30 seconds after being turned off to allow ceramic heating plate to cool down. It will automatically switch off after this time.

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

The heater will turn itself off in the event of over heating. The most common cause of over heating is incorrect installation and deposits of dust or fluff entering the appliance. Ensure the heater is installed correctly and these deposits are removed regularly by cleaning the inlet and outlet grills. The heater will automatically re-set when it has cooled down.

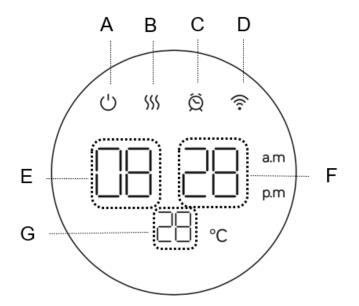
If the heater is blowing cold air, power it off and leave it for 1-2 hrs to allow the safety devices to cool down and reset. Then reactivate your heater and if;

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.



## **Control Panel and Remote Control**





- A. Stand-by indicator
- B. Heating indicator (50%)
- C. Clock indicator
- D. WiFi indicator
- E. Hour, timer, power display
- F. Minute, timer, display
- G. Room temperature display

# 

#### **REMOTE CONTROL**

- 1. Stand-by
- 2. Clock setting
- 3. Heating setting
- 4. Timer off/on
- 5. Increase
- 6. Decrease
- 7. WiFi connection

## **Operating Instructions**

#### **Specification**

Voltage	AC230-240V
Frequency	50Hz
Power	1900-2000W
Battery Model	2 x AAA Battery (Remote)

#### How to use

The heater will start with a beep sound when power has been supplied. The indicator light  $\bigcirc$  is on, and the heater is in stand-by mode.

Press (<sup>1</sup>) on remote control to turn on the heater.

To stop the heater working, press  $\bigcup$  to turn off the heater. The heater will continue operate for 30 seconds in order to cool down the device.

Note: All operations can only be done by remote control.

#### **Clock Setting**

Press clock button  $\bigcirc$  one time, the area E will blink, press + or - to set the hours from 0-23.

Press clock button  $\bigcirc$  again, the area F will blink, press + or - to set the minutes from 0-59.

Long press clock button 🕒 to change between am/pm mode and 24H mode.

Note:

Once the clock is set, it will display even when the heater does not work. The default mode of display is 24H.

## **Operating Instructions (continued)**

#### **Power Setting**

Press **SSS** to set the power. The Hour area will show H1 and H2.

Mode	Power
H1	1000W
H2	1900-2000W

#### Timer off/on function

To access this function, press the timer button  $\bigotimes$ , use + or - to set the timer from 15 mins, 30 mins, 45 mins, 1 hour......3 hours. The timer will show

## 00 | S 00 30 00 YS ••••

Press timer button  $\bigotimes$  again to confirm the timer.

When the heater is in standby mode, operate as above to use the timer on function.

When the time is set, press the timer button  $\bigotimes$  again to check the rest time.

Set to 0000 to turn timer off.

#### **Ambient Temperature**

The display will always show ambient temperature the room temperature area. Please note, as the thermostat is inside the heater, the temperature may display as higher than the ambient (room) temperature. For a more accurate reading, you can put another thermostat within the room.

#### Wi-Fi Function

The heater will automatically enter the WiFi connection mode, and indicator  $\widehat{\uparrow}$  will blink quickly. The WiFi device will be in sleep mode if there is no connection within 30 minutes in order to save energy.

Press for more than 3 seconds to reset the connection.

Open the One Smart Home APP and follow instructions to connect.

## WiFi – Downloading and setting up APP

This APP is supported only on 2.4GHz Wi-Fi channels.

The Goldair app and device pairing process require your 2.4ghz connection to be separated from your 5ghz connection. For instructions on how to do this please contact your internet provider.

Download Goldair mobile APP

- Open the APP Store or Google Play on your mobile phone.
- Open 'Search' and enter 'Goldair'
- Click 'GET' and begin to download and install.

Once downloaded to your phone open the APP



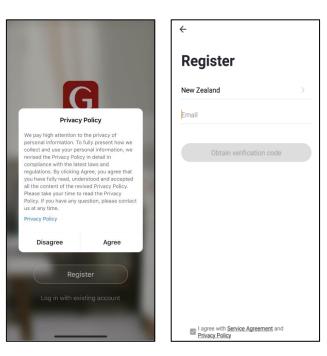
- Tap REGISTER near the bottom of the screen.
- Read and agree to the Privacy Policy.
- Add your email address.
- Tap 'Obtain verification code'

You will then receive an email with a verification code.

- Enter the verification code from your email.
- Create a password.
- Then tap confirm.

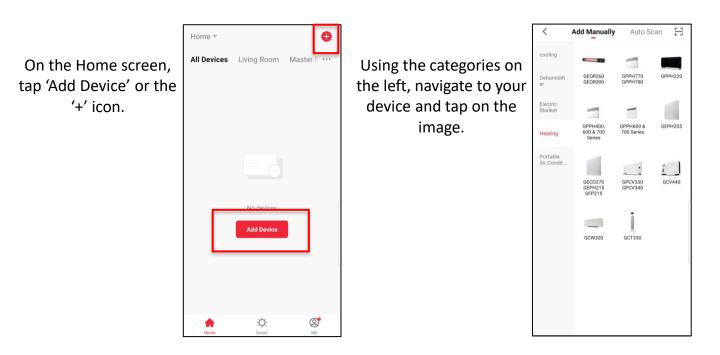
If you haven't received a verification code via email, tap the resend button and when the verification code is received follow above steps.

Your APP is now registered and ready for pairing to your device.



## Pairing APP to Device

#### **Connect with 2.4ghz Wifi Network**



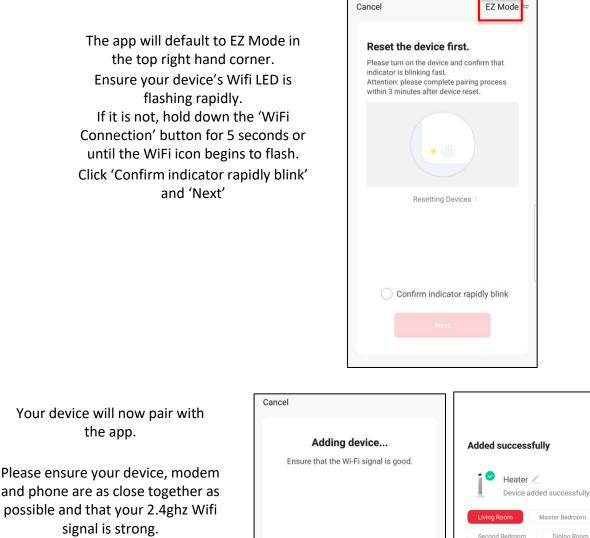
Confirm you are connected to a 2.4ghz network. If your 2.4ghz and 5ghz networks are dual banded, click 'Common router setting method' on how to split, or contact your internet provider.

Select 2.4 GH Network and enter	
If your Wi-Fi is 5GHz, ple 2.4GHz. Common router	
× Wi-Fi - 5Ghz	
Wi-Fi - 2.4Ghz	≙ 중 ()
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Next	

## Pairing APP to Device (continued)

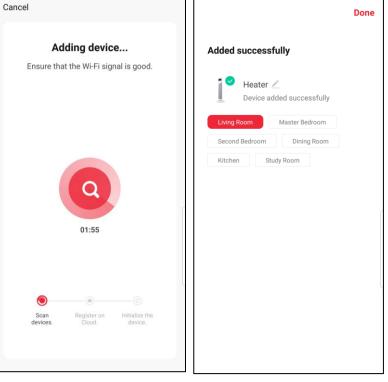
#### Connect with 2.4ghz Wifi Network: EZ Mode

See instructions below to finalise your device pairing via EZ mode.



Once the device has paired, rename it by tapping the Pen icon 🧪

Choose the most suitable room type and click 'Done' in the top right hand corner.



#### Connect with 2.4ghz Wifi Network: AP Mode

See instructions below to finalise your device pairing via AP Mode.

Cancel		AP Mode ⇒
Reset the d	evice first	
Please turn on th indicator is blinki Attention: please within 3 minutes	ing slowly. complete pair	ring process
	• •	
Re	setting Device	s>
	m indicator s	lowly blink

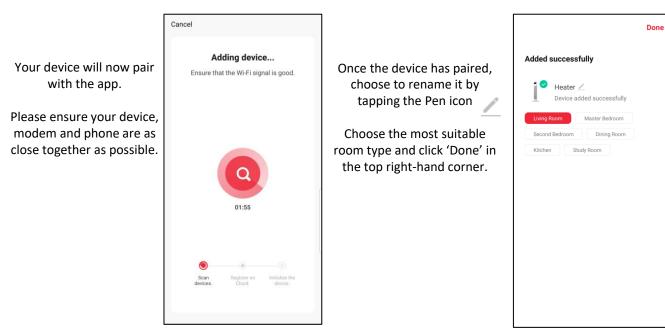
Change 'EZ Mode' to 'AP Mode' by clicking in the top right-hand corner Ensure your device's WiFi LED is flashing slowly. If it is not, hold down the 'WiFi Connection' button for 5 seconds or until the Wifi icon begins to flash. Click 'Confirm indicator slowly blink' and 'Next'

ancel	
	nect your mobile phone to device's hotspot
	ase connect your phone to the hotspot n below
	< WLAN
-	SmartLife-XXXX 🗢 🕦
	🗢 Wifi - Guest
	🗢 Wifi - Home
	turn to this app and continue g devices
	Go to Connect

Click 'Go Connect' to connect to the device's Hotspot by selecting the network highlighted on the screen in your app, e.g. 'SmartLife- XXXX'

	to another network.	
	DISMISS	GO TO WI-FI SETTING
CURRENT	NETWORK	
((t·	SmartLife-7B Internet may not	
AVAILAB	LE NETWORKS	
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Select the device's Hotspot network and you will be returned to the app. If not, navigate back to the Goldair app. Note- if you get a notification saying 'Internet may not be available' press Dismiss.



## Pairing APP to Device (continued)

#### **Connect with Bluetooth**

As an alternative way of connecting your device, you can pair via Bluetooth. Please ensure you have Bluetooth switched on on your mobile phone.

Home 👻		0
All Devices	Living Room	Master B •••
	No devices	
	Add Device	
	÷	
Home	-Q-	No.

On the Home screen, tap 'Add Device' or the '+' icon.

Ensure your device's Wifi LED is flashing rapidly. If it is not, hold down the 'WiFi Connection' button for 5 seconds or until the Wifi icon begins to flash.

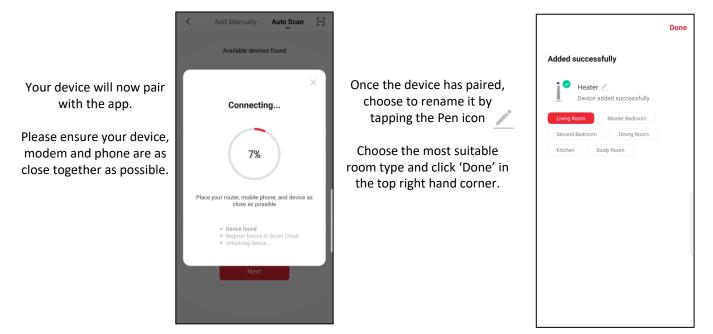


On the top right, click 'Auto Scan' The app will now scan for Bluetooth devices.

When your device appears, click on the image.

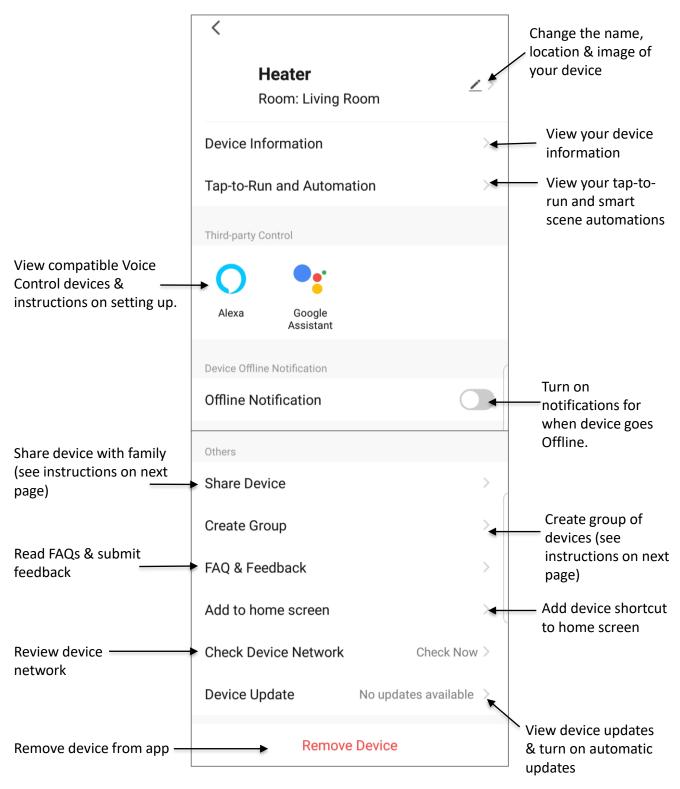
Cancel Choose Wi-Fi and enter	naseword
choose with and enter	passworu
🤶 dlink2	4
≙	Sect
Next	

Choose your 2.4ghz Wifi network and add in the password. Click 'Next'



#### Operating your Device from the APP

#### **Device settings:**



#### How to connect to your Alexa Devices

#### Follow the below instructions to connect your device to Amazon Alexa.

• Download the Goldair App and pair your device.

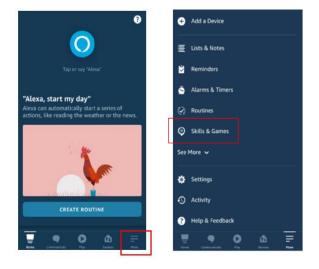
Note: change the name of the device to an easily identifiable name such as 'Bedroom Fan' or 'Living Room Heater'

Note: Ensure you have downloaded and have configured the Amazon Alexa app. Please see your Alexa device's user manual for instructions.

- On the main page of the Alexa app, click the 'More' icon in the bottom right-hand side of the page. Click on 'Skills and Games'
- Click on the search icon in the top righthand corner

Click on the search icon in the top right-hand corner



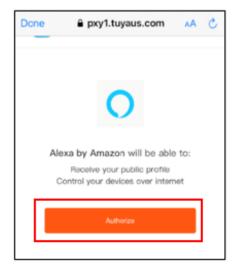


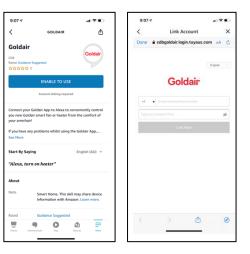


#### How to connect to your Alexa Devices (continued)

- Type 'Goldair' in the search bar and click to proceed.
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- Click 'Enable to use' and type your phone number/ email address and password and click 'Link Now'

 Click 'Authorise' and go back to the Home screen. Your devices will now appear, and you can operate using voice control.





#### How to connect to your Alexa Devices (continued)

#### SUGGESTED VOICE COMMANDS

Note: Amazon and Google are in control of voice control functionality and terminology. Not all functions available via the controller or APP can be controlled via voice command.

Voice control on your device will allow you to turn ON and OFF and adjust the settings. Suggested voice commands to work with your Alexa device are:

#### **Turning ON/OFF**

Alexa, turn ON <Device Name> Alexa, turn OFF <Device Name>

#### Adjust the heat settings

Alexa, set Heat to Low on <Device Name> Alexa, set Heat to High on <Device Name>

#### Adjust the Countdown timer settings

Alexa, turn <Device Name> on/off in 15 minutes/half an hour/45 minutes/1 hour/1 hour and 15 minutes/1 and half hour/ 1 hour and 45 minutes /2 hours/2 hours and 15 minutes/2 and half hours/ 2 hours and 45 minutes/3 hours

#### **Query Ambient Temperature**

Alexa, what is the temperature of <Device Name>

#### How to connect to your Google Home devices

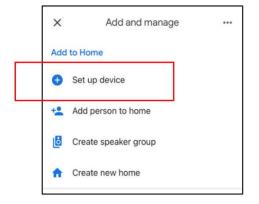
Follow the below instructions to connect your device to Google Home.

• Download the Goldair App and pair your device.

Note: change the name of the device to an easily identifiable name such as 'Bedroom Fan' or 'Living Room Heater'

Note: Ensure you have downloaded and have configured the Google Home/Assistant apps. Please see your Google device's user manual for instructions.

• On the main page of the Google Home app, click the '+' icon in the top left hand side of the page.





Broadcast

Bedroom

Settings

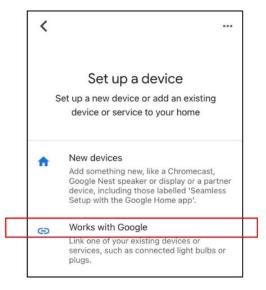
Media



Click 'Set up device'

## How to connect to your Google Home devices (continued)

Click 'Works with Google'



Type 'Goldair' in the search bar and click to proceed.

$\leftarrow$	Goldair	×	
Add new			
Goldair G	oldair		

 Type your phone number/ email address and password and click 'Link Now'

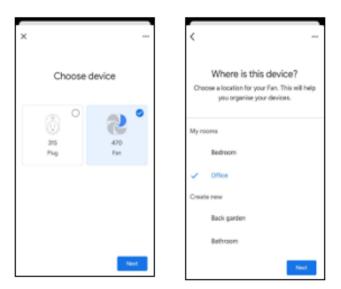
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+64 🔻	Email Address/Phon	e Number	
Type your p	assword here	Ħ	

#### How to connect to your Google Home devices (continued)

• Click Authorise and all devices from your Goldair App will appear on screen.



- You have the option to add these to a particular room in your home
- When you go back to the Home screen, your devices will now appear, and you can operate using voice control.



#### SUGGESTED VOICE COMMANDS

# Note: Amazon and Google are in control of voice control functionality and terminology. Not all functions available via the controller or APP can be controlled via voice command.

Voice control on your device will allow you to turn ON and OFF and adjust the settings. Suggested voice commands to work with your Google device are:

#### **Turning ON/OFF**

Ok Google, turn ON <Device Name> Ok Google, turn OFF <Device Name>

#### Adjust the settings

Ok Google, set <Device Name> to Low Ok Google, set <Device Name> to High

#### Adjust the Countdown timer settings

Ok Google, set countdown timer for <Device Name> in 15 minutes/half an hour/45 minutes/1 hour/1 hour and 15 minutes/1 and half hour/ 1 hour and 45 minutes /2 hours/2 hours and 15 minutes/2 and half hours/ 2 hours and 45 minutes/3 hours

#### **Query Ambient Temperature**

Ok Google, what is the current temperature of <Device Name>

Details for pairing this heater to the Goldair App can be found at the below website link.

Either scan the QR code below or enter the website into your browser.

## **New Zealand Products**



## **Pairing Mode**

To connect to the Goldair app you must ensure that your device is in pairing mode which is where the WiFi Icon is flashing.

Most products will be in pairing mode after switching the device on but if it is not:

- Put device on STAND-BY mode (ON at the wall but device is OFF)
- Hold down "POWER" for around 5 seconds or until the WiFi icon begins to flash.

## **Quick Connection**

- Turn your phone's Bluetooth ON
- Ensure your device is in Pairing Mode (see instructions above)
- Tap the + on the top right corner to navigate to the main device screen. Tap 'Auto Scan' your device will appear. Tap the device and follow the instructions.
- If Quick Connection does not work, follow the manual via the QR Code above

#### **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.



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

# Goldair

## 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

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 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

Goldair Two Year Warranty (IMPORTANT: Please complete and retain this warranty card)					
me					
dress					
ce Of Purchase Date Of Purchase					
me Of Product Model Number					
ach 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.





## CDB 🖊 Goldair

New Zealand PO Box 100707, North Shore Mail Centre Auckland, 0745 www.goldair.co.nz

Australia PO Box 574, South Morang, Victoria, 3752 www.goldair.com.au