Goldair™ PLATINUM

20L Dehumidifier with WiFi

Model: GPDH420

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 cut-out, 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 fuse; 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.

- Use only the voltage specified on the rating label of the appliance.
- Keep all objects at least 1 metre from the front, sides and rear of the appliance.
- This appliance is intended for household use only and not for commercial or industrial use.
- Indoor use only.
- 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.
- The common cause of overheating is deposits of dust or fluff in the appliance. Ensure these deposits are removed regularly by unplugging the appliance and vacuum cleaning the air vents and grills.

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- <u>Never use the appliance to dry clothes.</u>
- Always unplug appliance when not in use.
- 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.
- Do not connect the appliance to mains supply until completely assembled and adjusted.
- Ensure hands are dry before handling the plug or main unit.
- Ensure appliance is on a flat, stable, heat-resistant surface.
- Do not operate with cord set coiled up as a heat build up is likely, which could be sufficient to become a hazard.
- Carry out regular checks of the supply cord to ensure no damage is evident
- 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 twist, kink or wrap the cord around the appliance, as this may cause the insulation to weaken and split. Always ensure that all cord has been removed from any cord storage area and is unrolled before use.
- It is recommended that this appliance is plugged directly into the wall socket. Power boards are not rated to supply power to high wattage appliances.
- A correctly specified, undamaged extension cord may be used with this appliance provided it is used in a safe manner.
- Do not remove plug from power socket until the appliance has been switched off.
- Do not remove plug from power socket by pulling cord; always grip plug.
- Do not place cord under carpet or cover with rugs or furniture. Arrange the cord so it cannot be tripped over.
- Don't place appliance on bedding or on thick & long carpet where the openings may get blocked.
- Switch off and use handle provided when moving
- Do not place appliance close to radiant heat source.
- 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 sit on the appliance.
- Do not use abrasive cleaning products on this appliance. Clean with a damp cloth (not wet) rinsed in hot soapy water only. Always remove plug from the mains supply before cleaning.
- Do not operate in areas where petrol, paint or other flammable liquids are used or stored.
- Do not use this appliance in the immediate surrounds of a bath, a shower, or a swimming pool or other liquids.

General Care and Safety Guide

- The appliance must not be immersed in any liquids.
- There are no user serviceable parts installed in the unit.
- Do not place the unit in wardrobes or other enclosed spaces as this may cause fire hazards.
- This unit is not supposed to be used in or around locations where foodstuffs, works of art or delicate articles of science, etc. are stored.
- If your appliance does not work, or is not working properly, contact the place of purchase or the Customer Services Team.

Parts Of Your Dehumidifier

Handle

Controls

Air Intakes

Water tank
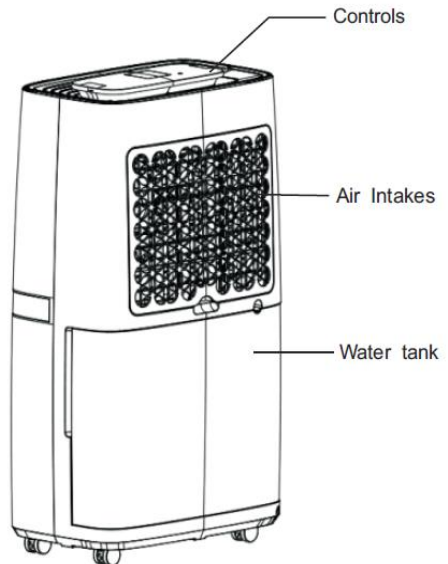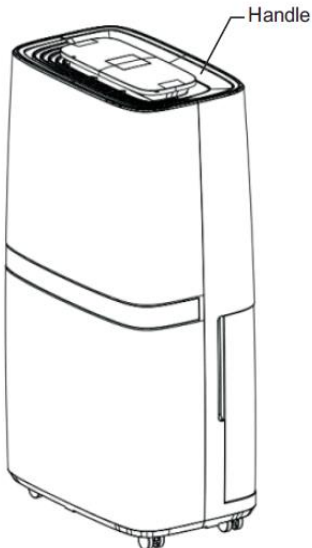
Operating Your Dehumidifier

Always choose a safe location for the dehumidifier, keeping in mind the safety precautions outlined. Ensure all packaging has been removed from the unit before use. Please follow the below instructions.

WARNING: In order to avoid overheating or fire, do not cover the dehumidifier.

WARNING: Keep all objects at least 200mm from all sides of the appliance.

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

WARNING: Never leave this dehumidifier unattended.

Ensure dehumidifier is on a flat, stable, heat-resistant surface.
Once the dehumidifier is in a safe operating position and all switches are in the off position, insert the power plug into the mains outlet and switch on.

CAUTION: Ensure the power cord is not tight because if pulled it may partially pull the plug from the socket. A partially inserted plug will overheat the plug and socket and could result in fire.

Leave the appliance to stand for one hour after transport or after the unit has been on its side before connecting it to the mains supply to let the refrigerant settle.

Ensure all external windows and doors are closed before turning on the unit.

Ensure that the water container is positioned correctly.

Operating Your Dehumidifier

| CHILD LOCK | TIMER | | FAN SPEED | SLEEP |
| AIR CLEAN | HUMIDITY SETTING | | DEHUMIDIFY MODE | STAND-BY |

⏻ POWER BUTTON

Press this button to turn the appliance On or Off. When turned on, the illuminating LED will automatically display the Relative Humidity of the room.

⚙ HUMIDITY SETTING

Relative humidity can be set from 30% to 80% by pressing the Humidity Setting button during normal dehumidification mode. The % indicator will flash when changes are being made.

The dehumidifier will turn off when the room reaches the set humidity.

To see the current room temperature, press and hold the Humidity Setting button for 5 seconds until the temperature indicator (ºC) is on.

MODES

The dehumidifier can be set to 4 modes:

- Normal: Allows manual setting of both fan speed and target humidity %

- Low Power: Automatically sets the fan speed to low. Target humidity % is disabled and the dehumidifier will run continuously.

- High Power: Automatically sets the fan speed to high. Target humidity % is disabled and the dehumidifier will run continuously.

- Dry Clothes: For use in the laundry when drying clothes. Target humidity % is disabled and the dehumidifier will run continuously.

FAN SPEED

Press this button to select between low and high fan speed when in normal mode.

Operating Your Dehumidifier

TIMER

The appliance is fitted with a timer that will turn the unit on or off after the desired set time has elapsed.

- Turn On Timer: When the dehumidifier is off, press the timer button repeatedly to select the desired number of hours between 1-24 hours before the dehumidifier turns on. The "Hr" light will illuminate when the time is set.
- Turn Off Timer: When the dehumidifier is on, press the timer button repeatedly to select the desired number of hours between 1-24 hours before the dehumidifier turns off. The "Hr" light will illuminate when the time is set.

CHILD LOCK

Press the Child Lock button for 5 seconds to lock the control panel.
To unlock the control panel press the Child Lock button again for 5 seconds.

AIR CLEAN

This mode will filter particles and dust from the air via the washable filter.
Note: This mode will only operate the fan; dehumidifying functions cannot be selected.

SLEEP

The Sleep Mode allows you to turn off the bright LED display panel. Press the Sleep button once to activate Sleep Mode, the button will illuminate and the unit will continue to operate, but the remainder of the LED display will turn off. If you would like to adjust the settings whilst in sleep mode, press the relevant buttons and the display will illuminate for 5 seconds and then return back to sleep mode. Press Sleep Mode button again to reset the LED control panel back to normal.

DEFROST

When operating the unit in temperatures less than 18°C the surface of the evaporator will accumulate frost and effect the efficiency of the dehumidifier. When this happens the machine will go into periodic defrost mode automatically and the indicator light will illuminate.
During defrost mode; the dehumidifying function and air purification function may run intermittently – this is normal. Do not switch off unit when running in defrost mode.
Note: Do not use the dehumidifier in temperatures less than 5°C. Should the dehumidifier freeze-up switch off the appliance, allow the temperature to rise and then restart.

Operating Your Dehumidifier

TANK FULL INDICATOR
When the water tank is full, the dehumidifier will automatically stop operating and the full water tank indicator will illuminate. Remove the water tank carefully with both hands and discard the water. Replace the water tank in the correct position. The dehumidifier will automatically begin operating again.
Note: If the water tank is not installed correctly, the unit will not operate. Always ensure that water tank is installed correctly.

REMOVING AND EMPTYING THE WATER TANK
1. To remove the water tank, gently pull the water tank out of the back of the dehumidifier.
2. Use the handle on top of the tank to help you to empty the tank.
3. Once empty, slot the tank back into the back of the dehumidifier.

CONTINUOUS DRAINAGE
If you would like to use the dehumidifier over a long period of time whilst away from the home, you can use the continuous drainage feature.
1. Connect the drainage hose (supplied) into the drainage point of the dehumidifier.
2. Feed other end of the drainage hose into a suitable drainage point.
Note: When using the continuous drainage feature, the hose must be placed below the drainage outlet without knots or kinks.
Note: When the continuous drain feature is not being used, remove the drain hose from the drainage point, and ensure water tank is installed correctly.

HANDLE
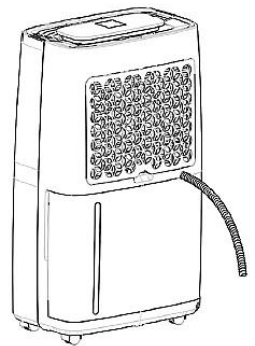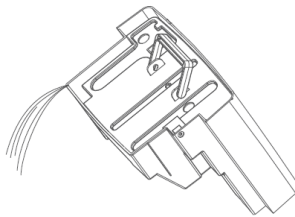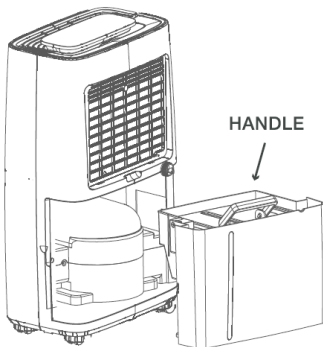
REMOVING AND EMPTYING THE WATER TANK   **CONTINUOUS DRAINAGE**

This APP is supported only on 2.4GHz Wi-Fi channels. Please ensure your phone is 2.4GHz capable

Note this dehumidifier will only work within your home WIFI system.
This does not operate on 3G or 4G internet connections.
You will need a connection to your home Wi-Fi.

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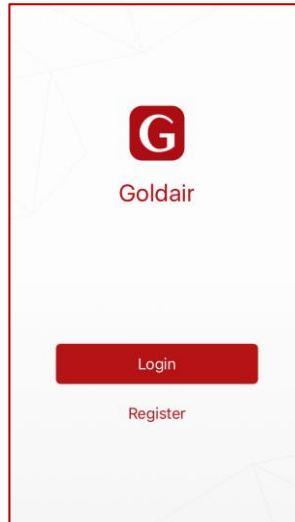- Click "GET" and begin to download and install.

Once downloaded to your phone open the APP

Tap REGISTER near the bottom of the screen.

- Select your country code

- Enter your cellphone number

- Tap "Next"

You will then receive a text message with a verification code.
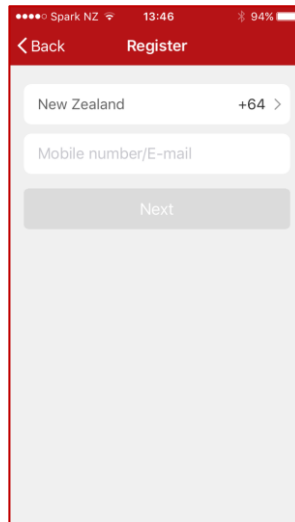
WiFi – Downloading and Setting up APP

- Enter the verification code from your text message

- Create a password.

- Then tap confirm.

If you haven't received a verification code via text message. 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 dehumidifier.
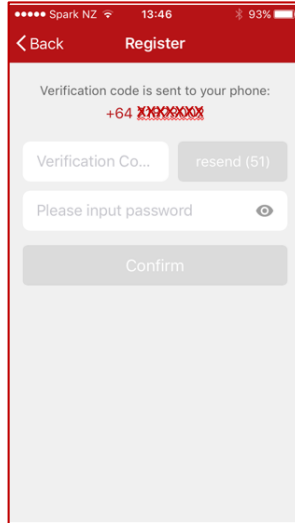
Pairing APP to Dehumidifier

On your phone tap "ADD DEVICE" to connect to the dehumidifier.
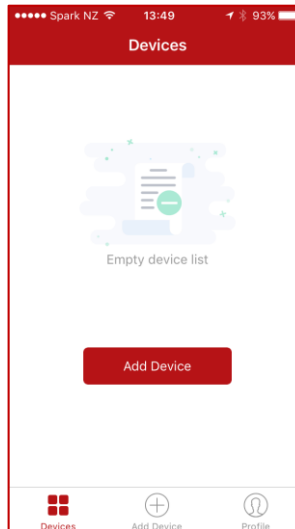
Pairing APP to Dehumidifier

Press the POWER button on the dehumidifier and the WiFi symbol starts flashing.
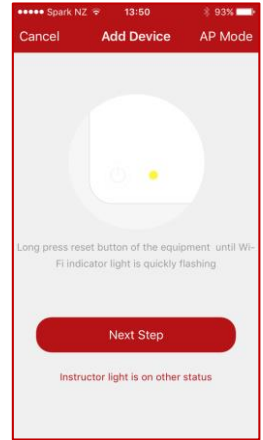
Tap 'Next Step" on the phone.

Choose/confirm which WiFi to connect to.
Note: your phone may pick up other WiFi signals (e.g. neighbours) so you will need to choose.
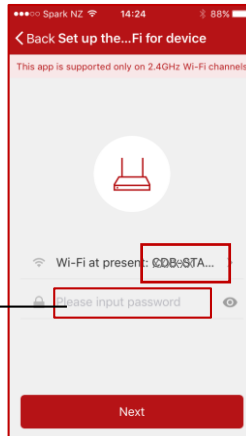
Enter your WiFi password

The phone will then connect to the dehumidifier. Ensure you have a good strong signal from your WiFi router.

Note: The WiFi indicator on the dehumidifier may go off during this pairing process.

Once complete the screen showing the device has been successfully added will appear.

Rename the dehumidifier if desired.

Tap "Done" to continue.
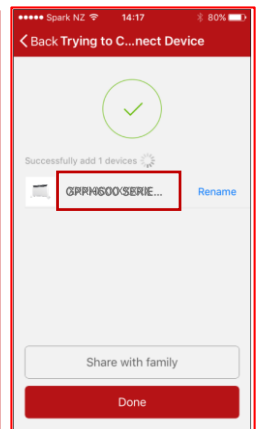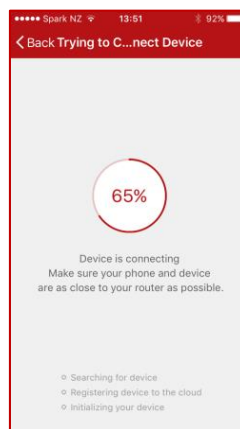
Pairing APP to Dehumidifier

When the phone interface shows the addition is successful, and the WIFI indicator on the dehumidifier will stop flashing.

The dehumidifier pairing is complete and the main control screen on your phone will appear showing the dehumidifier as ON.
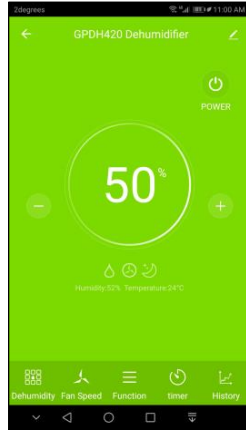
If the phone and dehumidifier fail to connect, then you will need to try to connect again as per the above process.
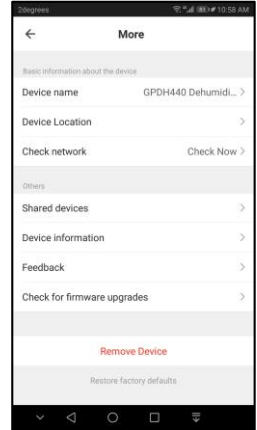
Operating your dehumidifier from the APP

You can rename the dehumidifier.
Tap the 'pen' icon on the top right of the control screen of the APP to take you to the next page.

Click "Device Location" and assign a location to the dehumidifier. Example: Bedroom 1, Dining Room etc. and tap save.
Use the arrow on top left to return to the operation screen.

DEVICE SHARING SET UP
The person you add will need to have the Goldair APP installed on their phone.

Open the 'APP and choose the appliance. Tap the 'pen' icon in the top right of the screen.

Tap 'Shared Devices' to enter the number of the person you want to include or tap the phone icon to select the persons phone number from your contacts.
Tap "Confirm" to complete the addition.
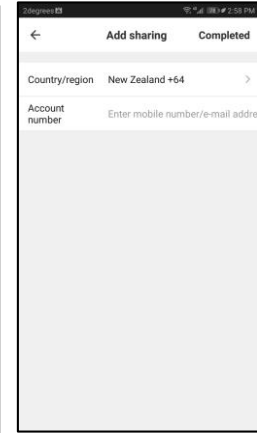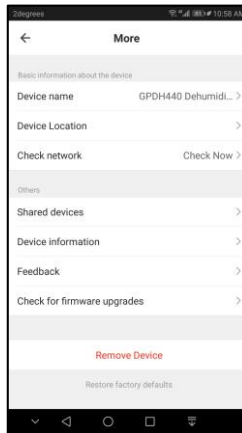
DEVICE SHARING CANCELLATION
Tap 'Shared Devices' to delete the number of the person you want to cancel
Tap "Confirm" to complete the addition.

NOTE: There can only be one user operating the dehumidifier at a time. The APP needs to be closed on all other devices to enable the sharing to work.

NOTE: If someone else sets up their phone on the same dehumidifier without using the "Device Sharing" the original phone will be disconnected and the dehumidifier will disappear from the device list.
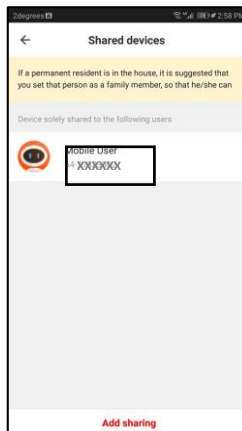
Mobile phone remote operation (connect dehumidifier power and turn on the switch, so that the dehumidifier is in standby mode).

Open the "GOLDAIR" APP to select the dehumidifier (when using one mobile phone to control multiple dehumidifier, you need to select the dehumidifier to be operated).

- Select the dehumidifier to be operated and enter the operation interface.

If the phone interface color is dark grey, this indicates that the dehumidifier is in the OFF standby setting.
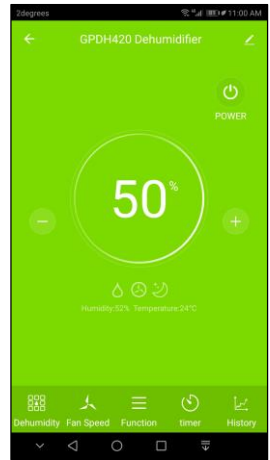
- Tap the '**POWER**' icon and the dehumidifier will turn on.

The display will change to bright green.

- You can now control the dehumidifier.

- To turn the dehumidifier off again tap the power icon and the dehumidifier will revert to the dark screen.
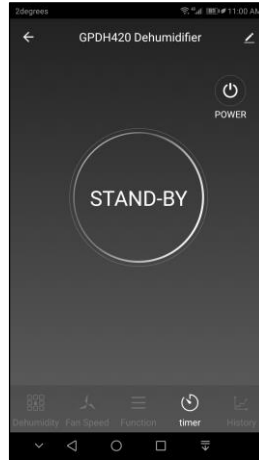
Dark – Unit is Off

Bright Green – Unit is On

TARGET HUMIDITY SETTING:

The required target humidity can be set from 30-80%.

- Tap the '+' or '-' button to set the required humidity.
- When the set target humidity is lower than the relative humidity, the dehumidifier begins to operate.
- If the set target humidity is above the relative humidity the dehumidifier will be in standby mode and will not operate until the relative humidity increases above the set target humidity.

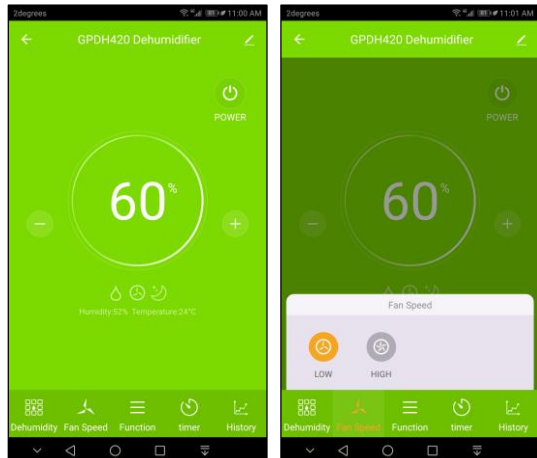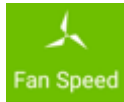# Operating your Dehumidifier from the APP

DEHUMIDIFY MODE
Press the Dehumidify icon and you can select between Normal, Continuous, Strong and Dry Clothes.

- Normal: Allows manual setting of both fan speed and target humidity %

- Continuous: Automatically sets the fan speed to low. Target humidity % is disabled and the dehumidifier will run continuously.

- Strong: Automatically sets the fan speed to high. Target humidity % is disabled and the dehumidifier will run continuously.

- Dry Clothes: For use in the laundry when drying clothes. Target humidity % is disabled and the dehumidifier will run continuously.

FAN SPEED
Press the FAN SPEED button to switch between HIGH & LOW fan speed. The set level will be shown under the humidity setting on the APP
You can only adjust the fan speed in NORMAL mode.

FUNCTION

SLEEP

The Sleep Mode allows you to turn off the bright LED display panel. Press the Sleep button once to activate Sleep Mode, the button will illuminate and the unit will continue to operate, but the remainder of the LED display will turn off. If you would like to adjust the settings whilst in sleep mode, press the relevant buttons and the display will illuminate for 5 seconds and then return back to sleep mode. Press Sleep Mode button again to reset the LED control panel back to normal.
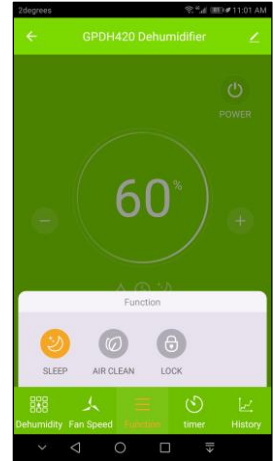
AIR CLEAN

This mode will filter particles and dust from the air via the washable filter.

Note: This mode will only operate the fan; dehumidifying functions cannot be selected.

CHILD LOCK

Press the Child Lock button to lock the control panel.

To unlock the control panel press the Child Lock button again.

Operating your Dehumidifier from the APP

TIMER
The Timer in the APP has far more functionality than the dehumidifier control panel buttons.

Sleep Timer Off
You can choose whether to turn the dehumidifier off by selecting Add Timer and setting a specific Time and day. Confirm the choices you select OK-Save to activate your options.
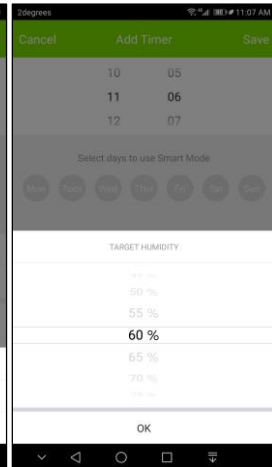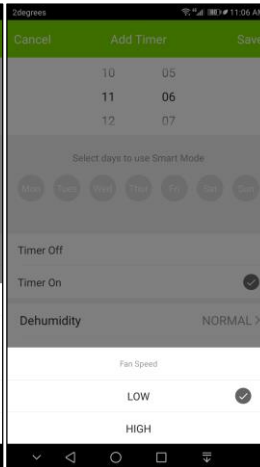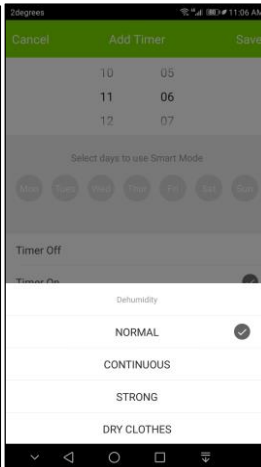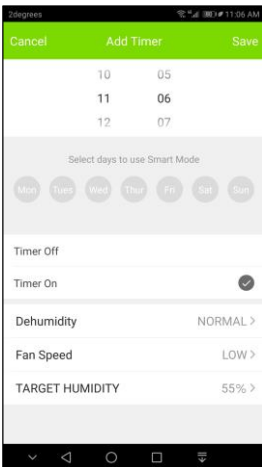
Important Note: Make sure the Smartphone or Tablet Clock that you are using has the right time you are providing from the connection network to the Internet. Possible delay or non-activation of the timer may be
caused by an incorrect time setting on the device you are using.

Sleep Timer On
The turn on timer can be set up to different 'Dehumidify, 'Fan Speed' & 'Target Humidity' settings than what the dehumidifier was last set to.
- Dehumidification mode (Normal, Automatic, Strong, Drying)
- Fan Speed (Low, High)
- Target Humidity Level (30% to 80%)

To delete a set timer, long press on the timer and select Confirmation to delete them.

From the "Devices" page of the APP press "Add Device" and follow the steps below to pair the new appliance.

Choose/confirm which WiFi to connect to.
Note: your phone may pick up other WiFi signals (eg. neighbours) so you will need to choose.

Enter your WiFi password
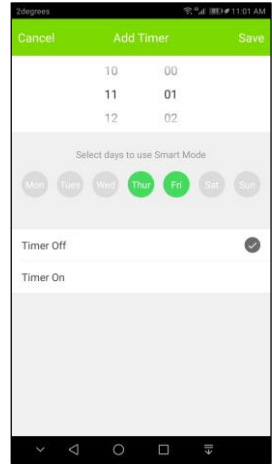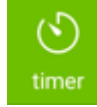
Adding Additional Dehumidifiers

The phone will then connect to the dehumidifier. Ensure you have a good strong signal from your WiFi router.

Note: The WiFi indicator on the dehumidifier screen may disappear during this pairing process.

Once complete the screen showing the device has been successfully added will appear.

Rename the dehumidifier if desired.

Tap "Done" to continue.

Your Devices list will then show the additional appliances that you have paired

SAFETY DEVICES

This appliance has two protection devices:

- <u>Resettable Thermal Link</u> - this will automatically disconnect the power to the appliance at a pre-set overheat temperature. After cooling down it will reset and power on again. If this occurs, investigate what is causing the appliance to overheat.
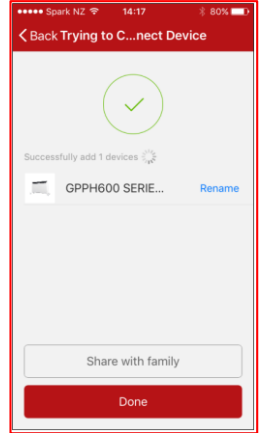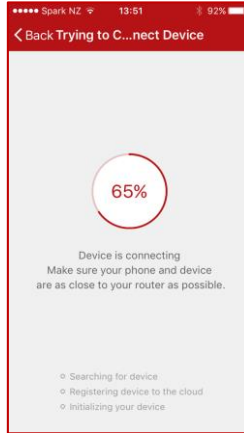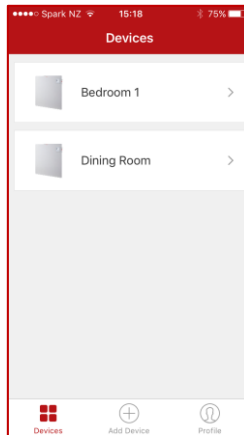- <u>Thermal Fuse</u> - this disconnects the appliance permanently in case of overheating. (It is non resettable).

CARE AND CLEANING

The dehumidifier requires regular cleaning to ensure trouble free operation:

- Unplug the dehumidifier from the mains supply before cleaning.
- Ensure that the dehumidifier has been allowed to cool down completely before cleaning.
- The common cause of overheating is deposits of dust or fluff in the appliance. Ensure these deposits are removed regularly by unplugging the appliance and vacuum cleaning the air vents and grills.

The air filter should also be cleaned regularly. To remove the filter:

- Place finger in the recess area at the base of the Air Outlet Filter and gently pull towards you and then down, the filter will now be released from the unit.
- To dislodge any dust from the filter; you can either tap filter lightly over a dustbin or use a vacuum cleaner to remove all dirt.
- If the filter contains excessive debris which is hard to dislodge, you can remove the carbon filter from the filter bracket and wash the filter in warm soapy water (using a neutral detergent), rinse well with clean water and then leave until dry. Once filter is dry, reinsert into the filter bracket.
- Replace filter back on to the unit and clip into place.
- Use a damp cloth (not wet) to wipe the exterior of the dehumidifier to remove dust and dirt.
- Never use solutions such as petrol, thinners or polishing agents.
- Ensure the dehumidifier is dry before plugging back into the mains supply.

Washable Filter Holder
Washable Filter
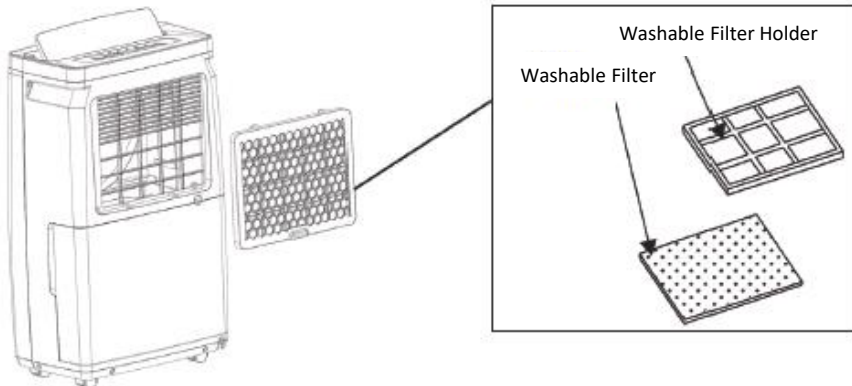
CARE AND CLEANING CONTINUED…
- The water tank should be cleaned every few weeks to prevent growth of mould, mildew, and bacteria.
- Partially fill the tank with clean water and add a little mild detergent. Swish it around and then empty the tank and rinse.

To thoroughly clean and dry the tank, you can remove the handle and lid to gain access to the inside of the tank by following these instructions:

Move handle to this position

Detach the handle

Remove handle and water tank cover

You can now access inside of water tank

Note: After cleaning, drying, and reassembling the water tank, it must be reinserted securely into dehumidifier in order to restart operation.

STORAGE
If you plan on not using your dehumidifier for a long time, store your dehumidifier by following these instructions:

1. Switch off the unit and unplug it from the mains socket.
2. Empty and clean the water tank.
3. Clean the unit and the filters (Please refer to the **Care and Cleaning** Section).
4. Cover the unit and keep it in a dry place.

Troubleshooting

Problem	Possible Cause	Possible Solution
Both fan and compressor are not working.	No power to the unit.	Check the mains power supply. Check the control panel is switch to "ON".
Not collecting water.	Room temperature and humidity may be too low.	The dehumidifier will not operate if the room humidity is already below the level set.
	Air intake filter may be blocked.	Clean the filter of any obstructions.
Unit is making loud noise.	Floor may be uneven.	Re-position the unit on an even stable surface.
Leaking from the unit.	The water tank may not be installed correctly.	Remove the tank and re-fit correctly.
	Unit may have frozen.	Unplug the unit and allow the temperature to rise.

PROOF OF PURCHASE
To receive warranty retain receipt as proof of purchase.

TECHNICAL SPECIFICATION
Model No: GPDH420
Supply: 220-240VAC 50Hz
Wattage: 450W
Unit Capacity: 20L/day max (30°C/80%RH)
Water Tank Capacity: 5.5L
Refrigerant/Charge: R134a/90g

Goldair™

Three Year Warranty

Thank you for purchasing this Goldair Platinum product. Your product is warranted against faults and manufacture when used in normal domestic use for a period of **three years.** 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).

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PO Box 100-707	PO Box 574
N.S.M.C	South Morang
Auckland	Victoria, 3752
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Phone 0800 232 633	Phone 1300 GOLDAIR (1300 465 324)
www.goldair.co.nz	www.goldair.com.au

Goldair Three 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™ PLATINUM

CDB Goldair™

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