

# GOLDAIR

## Operating Instructions

### 20L Electronic Dehumidifier



Attention: This Dehumidifier is rated to extract 20L per day in an environment of 80% humidity and temperature of 30°C. This is the world-wide standard for rating dehumidifiers. In New Zealand we do not have climatic conditions with this humidity and high temperature. Accordingly, the extraction levels may be lower.

Models: GD280

# General Care and Safety Guide

**Thank you for choosing a Goldair Dehumidifier. This Goldair Dehumidifier has been designed and manufactured to high standards of engineering and with proper use and care, as described in this leaflet, will give you years of useful service. Please read these instructions carefully.**

1. Use only the voltage specified on the rating label of the appliance.
2. Keep all objects at least 1 metre from the front, sides and rear of the appliance. Do not place appliance close to radiant heat source.
3. Do not operate in areas where petrol, paint or other flammable liquids are used or stored.
4. 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.
5. Do not operate this appliance with a damaged cord, plug or after the appliance malfunctions or has been dropped or damaged in any manner. Return to a qualified electrical person for examination, electrical service or repair.
6. This appliance is intended for household use only and not for commercial or industrial use.
7. Use this appliance only as described in this manual. Any other use is not recommended by the manufacturer and may cause fire, electrical shock or injury.
8. 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 ,grills and filter. Never operate without air filter.
9. 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.
10. Do not connect the appliance to mains supply until completely assembled and adjusted.
11. Switch off and use handle provided when moving.
12. Do not operate with cord set coiled up as a heat build up is likely, which could be sufficient to become a hazard.
13. It is recommended that this Dehumidifier is plugged directly into the wall socket. Power boards are not rated to supply power to high wattage appliances.
14. A correctly specified, undamaged extension cord may be used with this Dehumidifier provided it is used in a safe manner.
15. Do not remove plug from power socket until the appliance has been switched off.
16. Do not remove plug from power socket by pulling cord; always grip plug.
17. Always unplug appliance when not in use.
18. Do not locate the Dehumidifier directly below any power socket during operation.
19. 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.
20. 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.
21. Do not use this appliance in the immediate surrounds of a bath, a shower, or a swimming pool or other liquids. The appliance must not be immersed in any liquids.
22. 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.
23. If your appliance does not work, or is not working properly, contact the place of purchase or the Goldair Customer Services Team. Repair work on the appliance by unqualified persons can cause serious risk to the user.
24. There are no user serviceable parts installed in the unit.
25. Do not place the unit in wardrobes or other enclosed spaces as this may cause a fire hazard.
26. 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.
27. Indoor use only.
28. Children should be supervised to ensure that they do not play with the appliance.
29. Ensure Dehumidifier is on a flat, stable, heat-resistant surface.
30. It is important that you do not cover this Dehumidifier.

## TECHNICAL SPECIFICATION

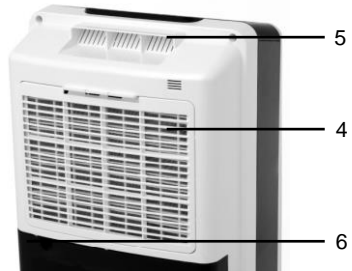
Model No:	GD280
Supply:	220-240VAC 50Hz
Wattage:	480W
Unit Capacity:	20.0L /day max (30°C/80%RH)
Tank Capacity:	4.0L
Refrigerant:	R134a

# Components of your Dehumidifier

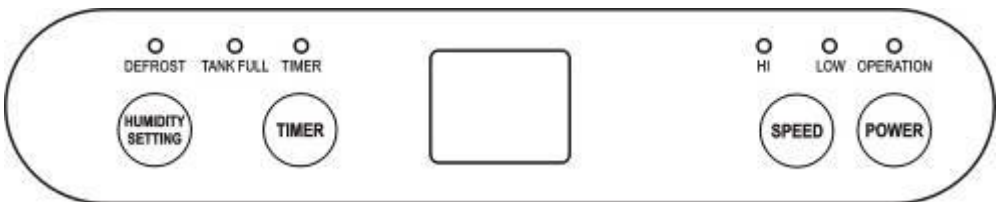
1. Control Panel
2. Dry Air Outlet
3. Removable Water Tank



4. Removable Air Filter
5. Carry Handle
6. Permanent Drainage Spout



## CONTROL PANEL



# 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. This appliance requires no installation, it should be used solely as a portable appliance.**

**WARNING** Keep all objects at least 1 metre from the front, sides and rear of the appliance.

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.

Plug into power supply and switch on at the mains. To turn the Dehumidifier on, press the POWER button.

The unit will start to dehumidify on High fan speed and the Humidity setting is set to continuous.

The operation light will flash until the compressor starts to run, the light will stop flashing and remain on when the compressor has started.

The compressor will switch off automatically when the water container is full. THE FAN WILL CONTINUE TO RUN.

As long as the water container is not full, the Dehumidifier will continue to operate until it is switched off manually.

If the Dehumidifier is switched off manually and then switched back on, the compressor will start to operate after three minutes.

To turn the Dehumidifier off, press the POWER button.

Use the SPEED button to switch between High and Low fan speeds.

**IMPORTANT! NEVER COVER THIS DEHUMIDIFIER!**

**WHEN THE WATER CONTAINER IS FULL**

A beep signal will sound 15 times. The TANK FULL indicator light will illuminate on the control panel.

The compressor will stop automatically, and the unit will stop dehumidifying.

Empty the water container and replace it in the correct position. The Dehumidifier will continue dehumidifying when the compressor automatically restarts after approximately three minutes.

## HUMIDITY SETTING

Press the HUMIDITY SETTING button to select the desired ambient relative humidity level; you can set at CO (continuous), 50%, 60%, 70%, 80%, AU (comfort mode).

## CONTINUOUS (CO)

If you wish to use the Dehumidifier continuously press the HUMIDITY SETTING button until the CO light is illuminated and the Dehumidifier will run until turned off manually.

## COMFORT MODE (AU)

When COMFORT mode is selected as the Humidity Setting the unit functions as follows:

When ambient temperature is lower than 5°C, the compressor will stop working and the unit will stop dehumidifying.

When the ambient temperature is higher than 5°C and lower than 20°C, the unit will set the humidity to 60% automatically.

When the ambient temperature is higher than 20°C and lower than 27°C, the unit will set the humidity to 55% automatically.

When the ambient temperature is higher than 27°C, the unit will set the humidity to 50% automatically.

**NOTE:** The unit will stop dehumidifying when the ambient relative humidity is 3% lower than the set humidity. The unit will start to dehumidify again when the ambient relative humidity is 3% higher than the set %.

The recommended operating temperature range is 15°C to 35°C.

## DEFROST

Occasionally the refrigerant around the motor can become very cool, this will cause the unit to go into defrost mode. The compressor will turn off and the fan will continue to run. The DEFROST indicator light will illuminate on the control panel.

This is a normal function for the dehumidifier and cannot be controlled by the user.

Once the unit has completed defrosting, the compressor will turn back on and continue to dehumidify.

# Operating your Dehumidifier

## TIMER OFF

When the unit is operating press the TIMER button to set the length of time that you would like the unit to run for before turning off. Each press of the TIMER button will adjust the length of time by 1 hour increments from 1 – 24hours. To turn off the Timer function, set the Timer back to “0” hours or simply turn the unit off.

## TIMER ON

When the unit is Off press the TIMER button to set the length of time that you would like the unit to remain off before turning on. Each press of the TIMER button will adjust the length of time by 1 hour increments from 1 – 24hours. To turn off the Timer function, set the Timer back to “0” hours or simply turn the unit on manually.

**WARNING!** Take care in positioning your dehumidifier, using the timer will mean the unit will come on automatically. Fire may result if placed next to combustible material.

## PERMANENT WATER DRAINAGE

It is possible to connect a drainage tube (not supplied) to the Dehumidifier for permanent water drainage.

If this option is desired, you will need to purchase a suitable PVC tube from your local hardware retailer (Goldair does not hold tubes as spare parts).

Connect the drainage hose to the drain spout. Ensure that the end of the hose is lower than the drain opening, otherwise the water will not drain and flooding may occur.

Also ensure the water tank is in position (in the unit) otherwise the continuous drainage will not operate.

Place the end of the drainage hose in a drainage outlet.

When you no longer wish to use the permanent water drainage, disconnect the drainage tube from the device.

## 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.

Use a damp cloth (not wet) to wipe the exterior of the Dehumidifier to remove dust and dirt.

Use a vacuum cleaner to remove dust and fluff from around the grills.

Never use solutions such as benzene, thinners or polishing agents.

Ensure the Dehumidifier is dry before plugging back into the mains supply.

## TO CLEAN THE AIR FILTER:

Unplug the Dehumidifier from the mains supply.

Remove the filter. Clean the filter with a vacuum or with water. Dry the filter.

Ensure the filter is completely dry before placing back in the unit.

**Never use unit without the air filter.**

Do not attempt to dismantle the Dehumidifier. There are no user serviceable parts. For service or repair, contact an authorised electrical service technician.

Do not use this Dehumidifier with a programmer, separate timer, separate remote-control system or any other device that switches the Dehumidifier on automatically.

## STORAGE

To store the unit, remove the plug from the socket and empty the water container. Allow the container and the Dehumidifier to dry completely. Clean the air filter. Store the device in a dust-free location, preferably covered with a sheet of plastic.

# Trouble Shooting your Dehumidifier

Problem	Cause	Solution
The Dehumidifier will not turn on	The power is not connected	Insert plug into mains power supply and turn unit on
The Dehumidifier is not extracting water	The water tank is full	Remove the water tank and empty water
	The water tank is not in its correct position	Remove water tank and replace it correct position
	The air filter is clogged	Clean the air filter as per instructions in user manual
	The temperature or relative humidity in the room is too low	It is normal for the Dehumidifier not to operate in low humidity or low temperatures
The Dehumidifier operates, but reduces the relative humidity in the room by small amounts	The room which the Dehumidifier is operating in is too large	Recommend using a Dehumidifier with a larger capacity
	There are too many sources of humidity	Recommend using a Dehumidifier with a larger capacity
	The room has too much ventilation	Reduce the number of ventilation sources (i.e. close windows, doors, etc.

## PROOF OF PURCHASE

To receive warranty retain receipt as proof of purchase. (Refer to back of booklet).

# GOLDAIR

## SUPPORT AND TECHNICAL ADVICE

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

**Goldair Select – Australia**  
 Monday – Friday 8am-5pm  
 Phone +61 (0)3 9336 4423  
 Phone 1300 465 324  
 info@cdbgoldair.com.au

## 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 **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

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### Goldair – Australia

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South Morang  
Victoria, 3752

Phone +61 (0)3 9336 4423  
Phone 1300 GOLDAIR (1300 465 324)  
[www.goldair.com.au](http://www.goldair.com.au)

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

Name

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Address

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Place Of Purchase

Date of Purchase

.....

Name Of Product

Model Number

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Attach a copy of the purchase receipt to this warranty card

