

# Goldair™



## Operating Instructions

### 2.63kW Portable Air Conditioner



Model: GCPAC100




# General Care and Safety Guide

**Thank you for choosing this Goldair product. This Goldair appliance 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 and keep them for future reference.**

1. 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 have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
2. Children should be supervised to ensure that they do not play with the appliance.
3. 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.
4. Ensure that the appliance is switched off from the supply mains before removing the guard.
5. Use only the voltage specified on the rating plate of the appliance.
6. Keep all objects at least 1 Metre from the front, sides and rear of the appliance
7. This appliance is intended for household use only and not for commercial or industrial use.
8. 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.
9. 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.
10. Always unplug appliance when not in use.
11. 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.
12. If your appliance does not work, or is not working properly, contact the place of purchase. Repair work on the appliance by unqualified persons can cause serious risk to the user.
13. Ensure hands are dry before handling the plug or the main unit.
14. Carry out regular checks of the supply cord to ensure no damage is evident.
15. Ensure that the cord is fully extended (not coiled) while in use.
16. Avoid contact with the moving parts. Keep hands, hair, clothing, away from blade of the fan during operation to reduce the risk of injury to person and/or damage to the unit.
17. Switch off and use handles provided when moving.
18. It is recommended that this appliance is plugged directly into the wall socket.
19. A correctly specified, undamaged extension cord may be used with this fan provided it is used in a safe manner.
20. Never place appliance close to radiant heat source.
21. Never operate in areas where petrol, paint or other flammable liquids are used or stored.
22. Never use the appliance to dry clothes.
23. Never 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.
24. Never 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.
25. Never connect the appliance to mains supply until completely assembled and adjusted.
26. Never remove plug from power socket until the appliance has been switched off.
27. Never remove plug from power socket by pulling cord – always grip plug.


# General Care and Safety Guide

28. Never 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.
29. Never 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.
30. Due to the risk of injury, never use this appliance for any purpose other than its intended use. This appliance is intended for use in household and similar applications such as staff kitchen areas in shops, offices and other working environments; farm houses, by clients in hotels, motels, bed and breakfast type environments and other residential type environments
31. Never use this appliance outdoors.
32. Never operate the appliance with a damaged cord or plug, after it malfunctions, or if it has been damaged in any manner. Have the appliance checked and repaired by a qualified electrician if repair is necessary.
33. Never place the unit in wardrobes or other enclosed spaces as this may cause fire hazards.

**Goldair** 

**PORTABLE AIR CONDITIONER**

MODEL: GCPAC100  
SUPPLY: 220-240VAC 50Hz  
RATED INPUT COOLING: 1005W  
COOLING CAPACITY: 2.63kW (9000Btu/h)  
REFRIGERANT: R290 / 180g  
PERMISSIBLE EXCESSIVE Discharge 3.2MPa  
OPERATING PRESSURE: Suction 0.7MPa  
MAX ALLOWABLE PRESSURE: 3.2MPa  
AIR FLOW: 300m<sup>3</sup>/h  
SOUND POWER LEVEL: 65dB(A)  
IPX0  
Approval No: TUV-025220-EA  
QC PASSED:  
MADE IN CHINA

**DO NOT COVER** 



Appliance is filled with flammable gas R290.



Before using the appliance, read the manual.



Before installing the appliance, read the installation manual.



Any repairs required, contact the nearest authorised Service Centre and strictly follow the manufacturer's instruction only.

**WARNING:** Appliance shall be installed, operated and stored in a room with a floor area larger than 9m<sup>2</sup>.

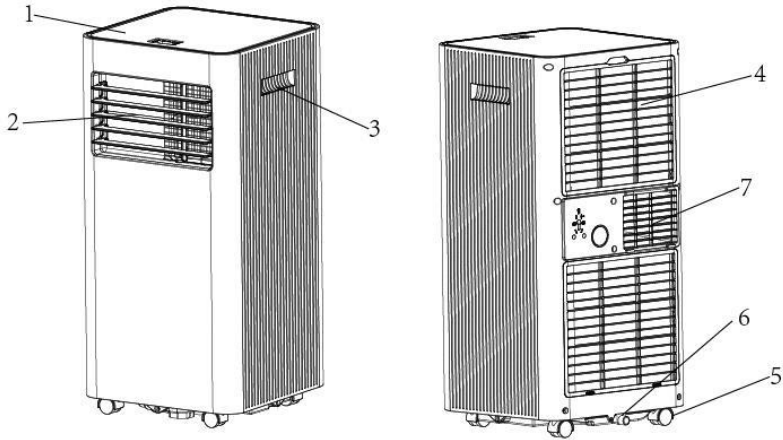
Do not use any means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.

The appliance shall be stored in a room without continuously operating ignition sources. (example: open flames, an operating gas appliance or an operating electric heater).

Do not pierce or burn.

Be aware that refrigerants do not have any odour.

# Components

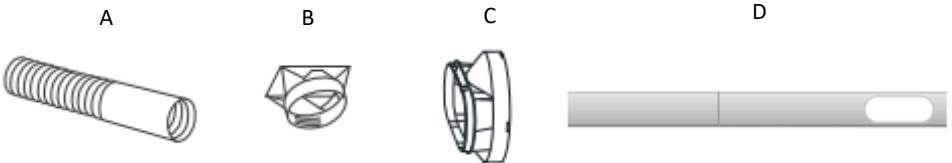


1. Control Panel
2. Air outlet with adjustable louvres
3. Carry Handle
4. Air inlet with air filter
5. Casters
6. Drainage Hole
7. Air Exhaust



Remote Control

## Assessories



- A. Exhaust Hose
- B. Hose Connector
- C. Window Kit Adapter
- D. Window Kit

# Installation

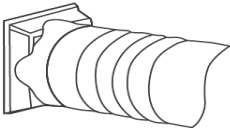
**NOTE:** The air-conditioner should be installed on a flat surface with at least 300mm clearance all around, including from the top of the unit as it is important that the air outlet is not blocked. Power supply must be nearby.

**WARNING:** THIS APPLIANCE MUST BE INSTALLED, OPERATED AND STORED IN A ROOM WITH A FLOOR AREA LARGER THAN 9m<sup>2</sup>

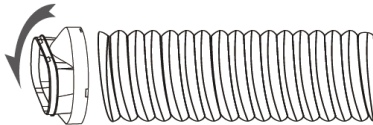
Do not install and use the appliance in the bathroom or other humid environments.

## Attach the Exhaust Hose

**Step 1:** Connect the hose connector to one end of the exhaust hose.



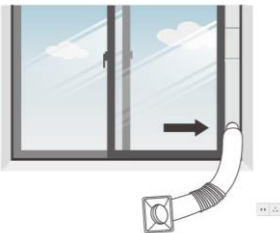
**Step 2:** Connect the windows kit adapter to the other end of the exhaust hose.



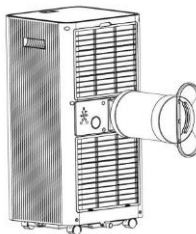
**Step 3:** Extend the adjustable window kit the length of your window. Connect the exhaust hose to the window kit.



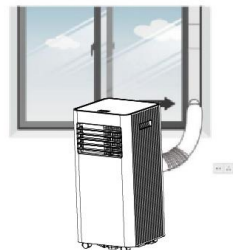
**Step 4:** Close your window to secure the kit in place. It needs to hold the windows kit firmly in place, secure the window kit with duct tape if required. It is recommended that the gap between the adapter and the sides of the window should be sealed off for maximum efficiency.



**Step 5:** Attach the hose connector to the exhaust air outlet of unit.



**Step 6:** Adjusting the length of the flexible exhaust hose, and avoid bends in the hose. Then place AC near an electrical outlet. Adjust the louver at the air outlet, and then switch on the unit.



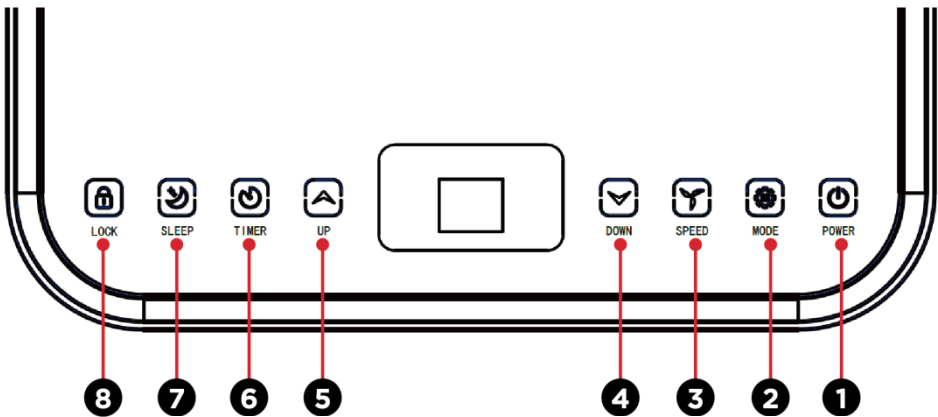
# Control Panel and Remote Control

This Portable Air Conditioner is designed to be operated in cooling mode, fan mode or dehumidifying mode. When switching between these functions keep an interval of at least 3 minutes between each ON/OFF.

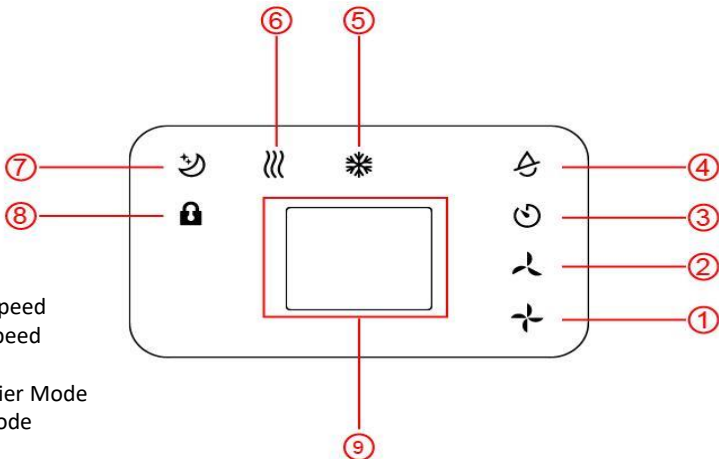
Allow the refrigerant to settle by leaving the appliance to stand for 24 hours after transport or after the unit has been on its side.

Ensure the unit is in the OFF setting before connecting it to the mains supply. When the appliance is powered on for the first time, it will beep, and then the unit will be in standby.

## CONTROL PANEL



## LED DISPLAY



- 1.High Fan Speed
- 2.Low Fan Speed
- 3.Timer
- 4.Dehumidifier Mode
- 5.Cooling Mode
- 6.Fan Mode
- 7.Sleep
- 8.Lock
- 9.Display Window

# Control Panel and Remote Control

## **Before operating this appliance, please open the louvres on the front.**

These are not automatic. You can manually adjust them up or down to distribute the air flow around your room.

### **Power Button (1)**

Press the button to turn the unit ON and OFF. The default setting is FAN mode.

### **Mode Button (2)**

Press the button to switch between Fan, Cooling and Dry (Dehumidification) modes.

#### **Ventilating your room**

Press MODE button repeatedly until the FAN LED lights up. In ventilation mode the room air is circulated, but not cooled.

Press SPEED button repeatedly to select the fan speed as desired.

#### **Cooling your room**

Press MODE button until the COOL LED lights up.

Press Up/Down button to adjust the temperature which is displayed on the screen. The temperature can be set between 16°C and 32°C.

Press SPEED button repeatedly until the desired fan speed indicator lights up.

To control the direction of the air flow horizontally, please adjust the inner louver by hand.

Note : The air conditioner stops if the room temperature is lower than selected temperature.

#### **Drying your room**

Press MODE button until the DRY LED lights up. In this mode, the fan speed switches to low speed and cannot be changed.

User should connect the hose to the drain outlet at the bottom of the unit.

### **Speed Button (3)**

Press to change the fan speed between HIGH and LOW.

### **Temperature Setting Buttons (4 & 5)**

To set the desired temperature, press UP or DOWN button. The range is 16-32°C.

This function is not available in fan or dehumidification mode.

### **Timer Setting (1-24 hours) (6)**

**ON Timer** – when the appliance is in standby, press the timer button and then use the UP & DOWN buttons to set the number of hours before the appliance comes on.

**OFF Timer** – when the appliance is in turned on, press the timer button and then use the UP & DOWN buttons to set the number of hours before the appliance turns off.

### **Sleep Button (7)**

White the unit is in COOL mode, you can press the SLEEP button to turn Sleep Mode ON or OFF. In this mode, after 1 hour the preset temperature is increased by 1°C, after another hour the preset temperature will again be increase by 1°C. After this the temperature will be maintained.

### **Lock (8)**

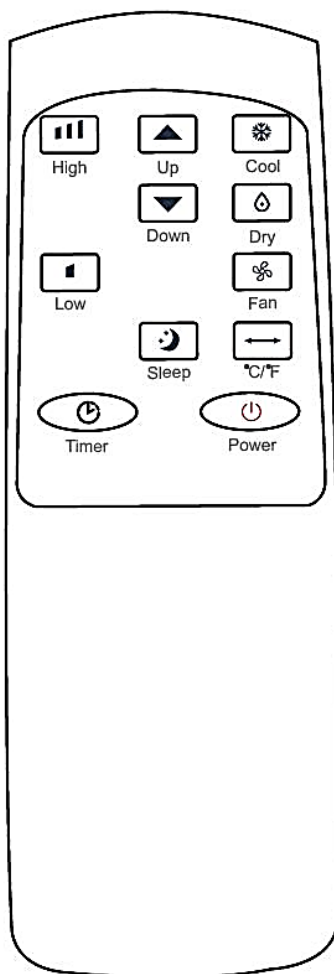
Long press to turn child lock ON or OFF.



# Control Panel and Remote Control

## Remote Control

The remote control has the same functions as the unit control panel.



# Care and Maintenance

## Manual Drainage

The unit will stop once it has filled with water. Turn off the unit and unplug the power plug.

Move the unit carefully, so as not to spill the water in the water pan at the bottom of the body.

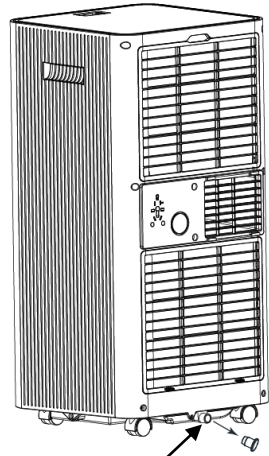
Find a place to drain the water or place a bucket below the water outlet on the back of the unit.

Unscrew the drainage cover and unplug the water plug, the water will automatically flow into the water container. During drainage, the body can be tilted slightly backwards.

When the water is discharged, replace the water plug, and re-tighten the drainage cover.

Allow unit to sit for at least 5 minutes before turning back on.

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



Drainage Hole

## Continuous Drainage

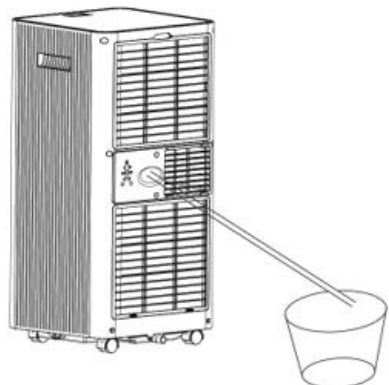
The self-evaporating system uses the collected water to cool the condenser coils for better efficient performance. You don't need to empty the drainage tank in cooling mode only in drying (dehumidifier) mode or high humidity conditions. For continuous operation or unattended operating in drying operation, please connect the attached drain hose to the unit. The water/condensation will automatically drain by gravity into a bucket or suitable container.

- Switch off the unit before operating.
- Remove the plug of the water and keep it in a safe place.
- Securely and properly connect the drain hose and make sure it is not kinked and is clear of obstruction.
- Place the outlet of hose over a drain or bucket and ensure that water could freely flow out of the unit.
- Do not submerge the end of the hose into water; otherwise it can cause "Air Lock" in the hose.

### To avoid water spillage:

Tilt the drain hose downward toward the floor at more than 20 degrees.

Straighten the hose to avoid a trap existing in the hose.



# Care and Maintenance

## CARE AND CLEANING

### Cleaning the Air Filter (every 2 weeks)

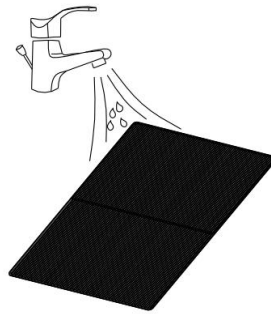
Dust collects on the filter and restricts the airflow. The restricted airflow reduces the efficiency of the system and if it becomes blocked it can cause damage to the unit.

The air filter requires regular cleaning. The air filter is removable for easy cleaning. Do not operate the unit without an air filter, or the evaporator may be contaminated.

1. Press POWER button to switch off the unit and unplug the power cord.
2. Remove the filter mesh from the unit.
3. Use a vacuum cleaner to suck dust from the filter.
4. Turn the filter over and rinse the air filter under running water. Let the water run through the filter in the opposite direction of air flow. Set aside and allow the filter to air dry completely before reinstalling.



Switch off the unit and remove the two air filters.



Rinse the air filter under running water.

### NEVER USE UNIT WITHOUT THE AIR FILTER.

The exterior may be cleaned with a soft, dry cloth. If the device is extremely dirty wipe the device with a slightly damp (not wet) cloth. Never spray the device with water.

DO NOT immerse the unit in water and never allow water to enter the motor housing.

DO NOT use harsh chemicals to clean the unit.

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

### STORAGE

To store the unit, remove the plug from the socket. Remove the rubber plug from the drainage hole at the bottom of unit, and connect a drain hose to the lower fixing clip. All the water in the water tank will drain out. Allow the Container and the Air Conditioner to dry completely. Clean the air filter. Refit the rubber plug. Store the device in a dust-free location, preferably covered with a sheet of plastic.

# Troubleshooting

Problems	Reasons	Solutions
<b>The air conditioner does not work.</b>	There is no electricity.	Turn it on after connecting it to a socket with electricity.
	The water-full indicator will flash.	Discharge the water inside.
	The ambient temperature is too low or too high	Recommend to use the machine in at the temperature of 7-35 °C (44-95 °F).
	In cooling mode, the room temperature is lower than the set temperature; in heating mode, the room temperature is higher than the set temperature.	Change the set temperature.
	In dehumidification mode, the ambient temperature is low.	The machine is placed in a room with an ambient temperature of greater than 17 °C (62 °F).
<b>The cooling or heating effect is not good</b>	There is direct sunlight.	Pull the Curtain.
	Doors or windows are open; there are a lot of people; or in cooling mode, there are other sources of heat.	Close doors and windows.
	The filter screen is dirty.	Clean or replace the filter screen.
	The air inlet or outlet is blocked.	Clear obstructions.
<b>Loud Noise</b>	The air conditioner is not placed on a flat surface.	Put the air conditioner on a flat and hard place (to reduce noise).
<b>Compressor does not work.</b>	Frost production starts.	Wait for 3 minutes until the temperature is lowered, and then restart the machine.
	Overheat protection starts.	
<b>The remote control does not work.</b>	The distance between the machine and the remote control is too far.	Move the remote control closer to the air conditioner, and make sure that the remote control directly faces to the direction of the remote control receiver.
	The remote control is not aligned with the direction of the remote control receiver.	
	Batteries are dead.	Replace batteries.
<b>Displays 'E0'.</b>	Communication faults between main PCB and display PCB.	Check connection or replace it. To clean or replace the temperature sensor.
<b>Displays 'E1'</b>	Ambient temperature sensor failure	Check connection or replace it. To clean or replace the temperature sensor.
<b>Displays 'E2'</b>	Coil temperature sensor failure.	Check connection or replace it. To clean or replace the temperature sensor.
<b>Displays 'Ft'</b>	High water level alarm.	Empty the drain pan by removal the rubber plug.

## PROOF OF PURCHASE

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

# Goldair™

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

## SUPPORT AND TECHNICAL ADVICE

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



## 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 to you given by this warranty are in addition to other rights and remedies available to you under a 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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### Goldair – Australia

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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

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





# Goldair™



**CDB**  **Goldair™**

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