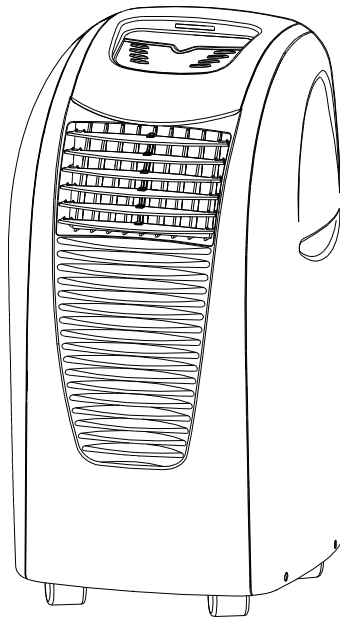




**4.1kW REVERSE CYCLE
PORTABLE AIR CONDITIONER**

Model: GDC-AC14RCW



INSTRUCTION MANUAL

PLEASE READ THE INSTRUCTION MANUAL CAREFULLY BEFORE USING THE UNIT

Table of Contents

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WARNINGS AND PRE-CAUTIONS

1. Warnings

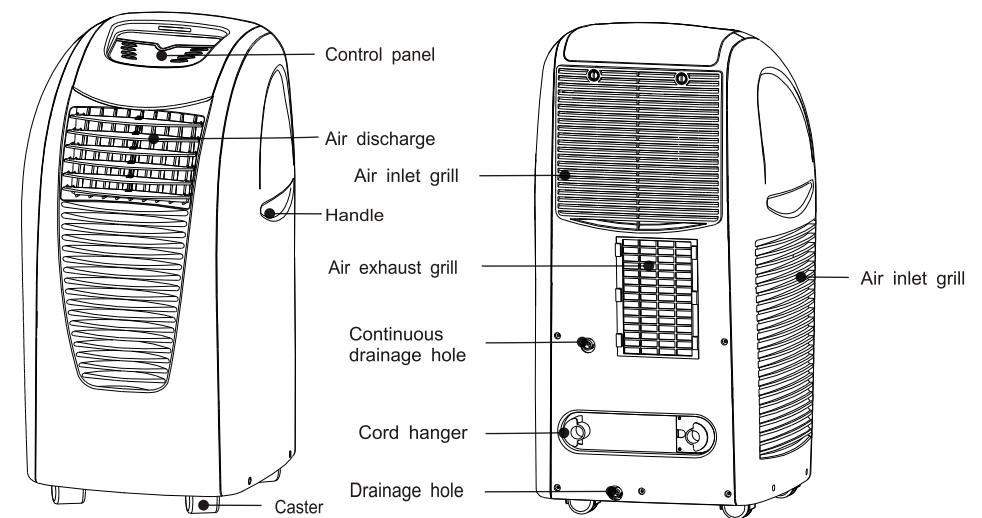
- Never place the unit near any gas appliances, fire or flammable liquids.
- Never hit or shake the unit to prevent damage.
- Never cover or obstruct the air inlet or outlet to prevent overheating.
- Never spray water or place the unit near water to prevent electric shock.
- Make sure to have a professional technician, manufacturer or a service agent to replace a damaged power cord.
- Never share the power outlet with other appliances.
- Never connect or disconnect the power plug with wet hands to avoid electric shocks.
- Never put rods or objects into the opening of the unit.
- Never use an extension cord.
- To restart the compressor, you must wait at least 3 minutes to ensure no damage is caused to the unit.

2. Cautions

- Keep the unit at least 1 metre away from electric appliances such as TV's and radios, to avoid electromagnetic interference.
- Do not expose the unit under direct sunlight to avoid surface colour fading.
- Do not tilt the unit for more than 35 degrees or upside down while transporting.
- Place the unit on a flat surface with less than 5 degree inclination.
- The unit operates more efficiently in certain room locations (see Technical Specifications).
- Empty the condensed water tank before putting the unit in storage to prolong the unit lifetime at the end of the season.
- Do not use chemical solvents (i.e. Benzene, alcohol-grazer) to clean the unit surface to avoid scratching and damaging the surface.
- 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.
- Children should be supervised to ensure that they do not play with the appliance.

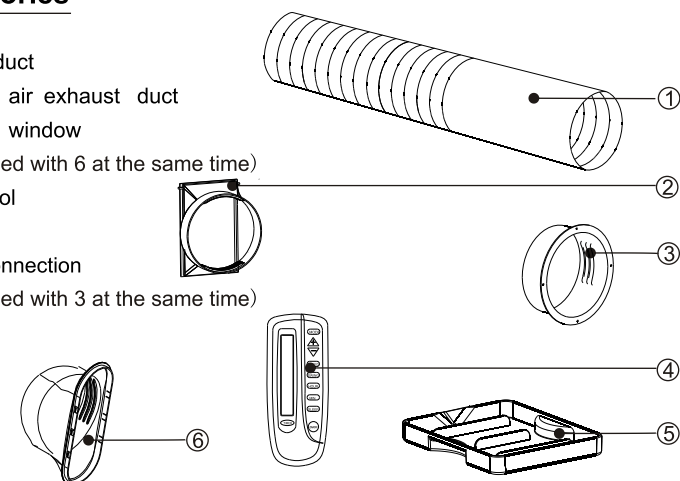
STRUCTURE

Body parts



Accessories

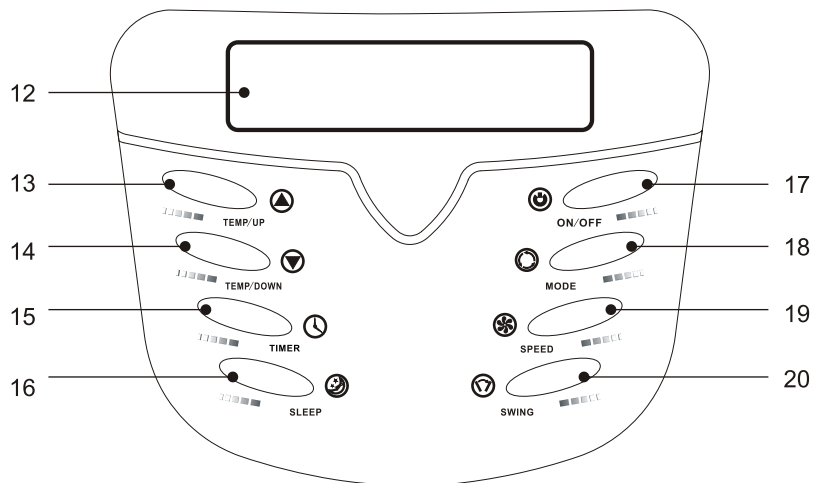
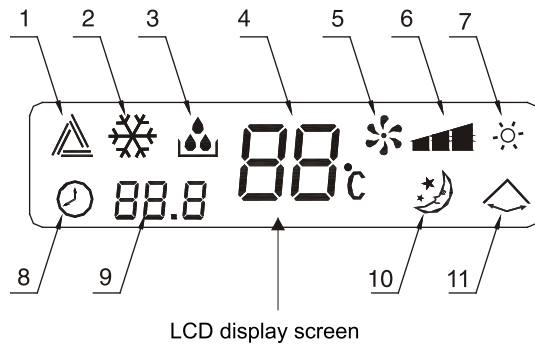
1. Air exhaust duct
2. Connector of air exhaust duct
3. Connector of window
(could not be used with 6 at the same time)
4. Remote control
5. Drainage box
6. Wind pipe connection
(could not be used with 3 at the same time)



STRUCTURE

Control Panel

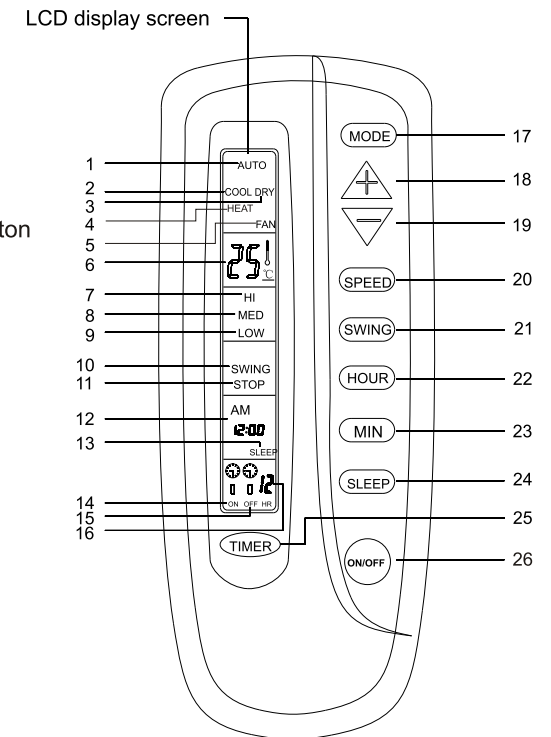
1. Automatic mode indicator
2. Cool mode indicator
3. Dehumidify mode indicator
4. Room temperature indicator
5. Fan mode indicator
6. Fan speed indicator
7. Heat mode indicator
8. Settle the hour
9. Timer indicator
10. Sleep mode indicator
11. Swing indicator
12. LCD window
13. Timer/Temperature up button
14. Timer/Temperature down button
15. Timer button
16. Sleep button
17. On/Off power button
18. Mode button
19. Speed button
20. Swing button



STRUCTURE

Remote control

1. Automatic mode indicator
2. Cool mode indicator
3. Dehumidify mode indicator
4. Heat mode indicator
5. Fan mode indicator
6. Room temperature indicator
7. High speed indicator
8. Medium speed indicator
9. Low speed indicator
10. Swing running indicator
11. Swing stop indicator
12. Clock display
13. Sleep mode indicator
14. Automatic on indicator
15. Automatic off indicator
16. Timer indicator
17. Mode button
18. Timer/Temperature up button
19. Timer/Temperature down button
20. Speed button
21. Swing button
22. Clock hour button
23. Clock minute button
24. Sleep button
25. Timer button
26. On/Off power button



Operation

Do not operate in Cooling and dehumidifying mode when room temperature exceeds DB35 °C ,RH=70%.

Control panel operation

Automatic, Cool, Dehumidify, Fan, Heat mode operation

1. Turn on the unit

- Plug in, then the unit beeps once.
- Press the "On/Off" button, then the unit is turned on.
The LCD displays the room temperature and operate in Automatic mode.

2. Select operating mode

Press the "Mode" button to select a desired mode shown below:

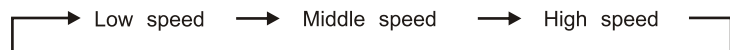


3. Adjust Temperature

The temperature can be set within a range of 15 °C to 31 °C by 1 °C.
Press the temp up(▲) or temp down(▼) button to increase or decrease the temperature 1 °C by pressing once.
The unit LCD shows the target temperature for 5 seconds and then displays the room temperature.

4. Adjust Fan Speed

Press the "Speed" button to select a desired fan speed shown below:



5. Turn off

When you press "On/Off" button again, the unit will emit "di" and stop working.

Notice:

Each mode working principle

*Automatic mode:

Operation

- Once the Automatic Operation is selected, the indoor temperature sensor operates automatically to select the desired operation mode with Cool, Fan or Heat.
- When the room temperature ≥ 24 °C, the unit will automatically select Cool mode and the indoor centrifugal fan will turn to low speed.
- When the room temperature = 23 °C, the unit will automatically select Fan mode and the indoor centrifugal fan will turn to low speed.
- When the room temperature ≤ 22 °C, the unit will automatically select Heat mode and the indoor centrifugal fan will turn to low speed.

*Dehumidifying mode

- The indoor centrifugal fan will run at low speed, and the speed can't be adjusted.
- The compressor and the outdoor centrifugal fan will stop after running 8 mins, then run again after 6 mins.
- The unit adopts constant temperature dehumidifying mode, and the adjustment of temperature is no effective.

*Cooling mode:

- When the room temperature is higher than set temperature, the compressor starts to run.
- When the room temperature is lower than set temperature, the compressor stop and upper fan operate at original set speed.

*Fan mode:

- The indoor centrifugal fan runs at set speed, and the compressor and outdoor centrifugal fan do not run.
- The adjustment of temperature is no effective.

*Heat mode:

- When the room temperature is higher than the set temperature, the unit will stop heating function.
- When the room temperature is lower than set temperature, the unit will start heating function.
- To avoid cold wind blowing out, the unit is equipped with automatic cold wind defending function.

● Timer operation

- Press "Timer" button to set Automatic Off time while the unit is running.
- Press "Timer" button to set Automatic On time while the unit is ready.
- The time can be adjusted within a range of 1 hour to 12 hour. Press the temp up(▲) or temp down(▼) button to increase or decrease the time 1 hour by pressing once.

● Swing operation

- Press Swing button to change the air flow direction within a range of 0 to 120°. The unit's default setting is the straight direction.

● Sleep operation

- The sleep operation is effective when the unit is under cool or heat mode.
- Press the Sleep button in cool mode, then the unit will work under sleep mode and the indoor centrifugal fan will turn to low speed automatically. The set temperature will increase 1 °C after one hour, and increase 2 °C after two hours. After six hours, the unit will stop running.
- Press the Sleep button in heat mode, then the unit will work under sleep mode and the indoor centrifugal fan will turn to low speed automatically. The set temperature will increase 1 °C after one hour, and increase 2 °C after two hours. After six hours, the unit will stop running.

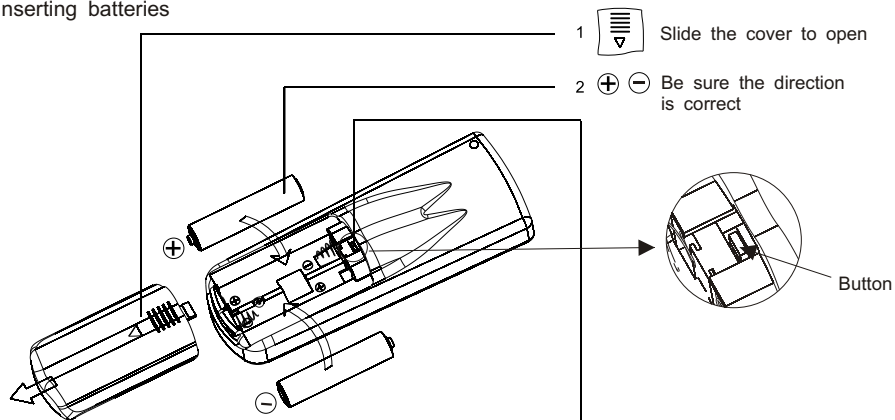
Operation

Please note:

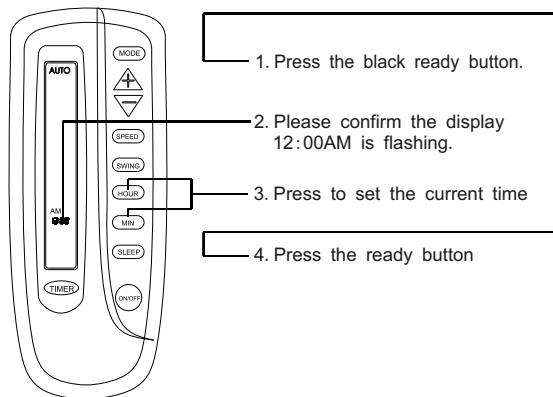
The main control board has memory function,when the unit is ready to run but in stop status, the main control board can memorize the initialization of working mode.When you tun on the unit ,it will work as the same enactment of working-mode as last time,no need to reset the working mode again.(This condition is not available when the unit is under "Auto on" mode) .

Remote Control operation

● Inserting batteries



- Setting the clock (For example:Adjust 11:00 to 14:05. Firstly,open the back cover,then press the button with something lathy.If time is glittering on the LCD,press button MIN and adjust to 05,then press HOUR and adjust to 14)



Operation

How to mounting or change Batteries

- 1.Be sure that the polarity of batteries must match the indicator in the remote control.
- 2.Don't confuse the new, worn or different types of batteries.
- 3.Remove batteries when the remote controller is not in use for a longtime.
- 4.The remote controller should be placed about 1m or more away from the TV or any other electric appliances.

How to operate the Remote Control

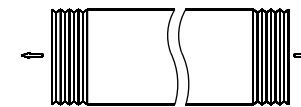
There is two methods to Automatic, Cool,Dehumidify, Fan mode operation for remote control:

- 1.Turn on the unit >>Select working mode >> Adjustment for temeprature >> Adjustment for fan speed >>Turn off. (This operation method is same alike to control panel operation)
 2. Select working mode >>Adjustment for temeprature >>Adjustment for fan speed >>Turn on the unit >>Turn off.
- Timer,swing,sleep operation method is same alike to control panel operation.

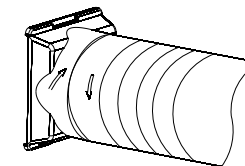
Air Exhaust Duct Operation

How to connect the connectors to the Air exhaust duct

1. Extend the air exhaust duct by drawing out the two ends of the duct.

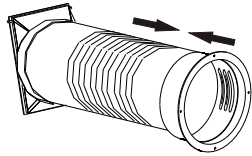


- 2.Screw the air exhaust duct into the connector of air exhaust duct.

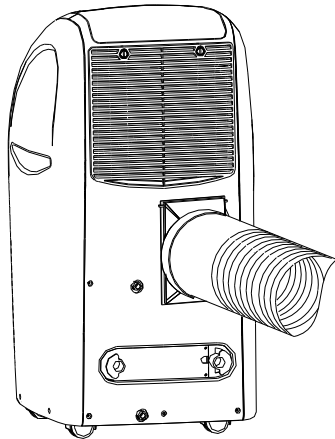


Operation

3.Screw the connector of window into the plastic connector.



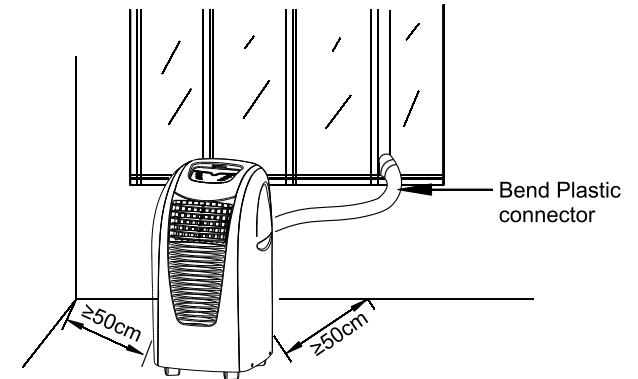
4.Connect the connector of air exhaust duct to the unit.



Operation

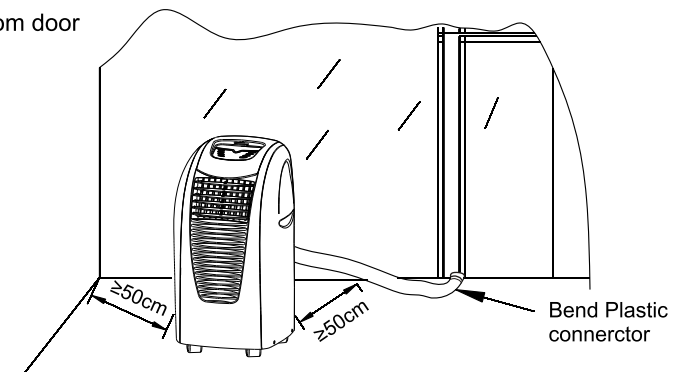
You can use the following methods to exhaust hot air:

- Exhaust hot air from window



Open the window for a small angle to put bend plastic pipe outside window and fix it on the window.

- Exhaust hot air from door



1. Open door to an appropriate angle to fit bend plastic pipe to outside.
2. For the wide-open using, air exhaust duct can put on the ground directly.
3. When stop using the unit, move the air exhaust duct from the unit and store it carefully.

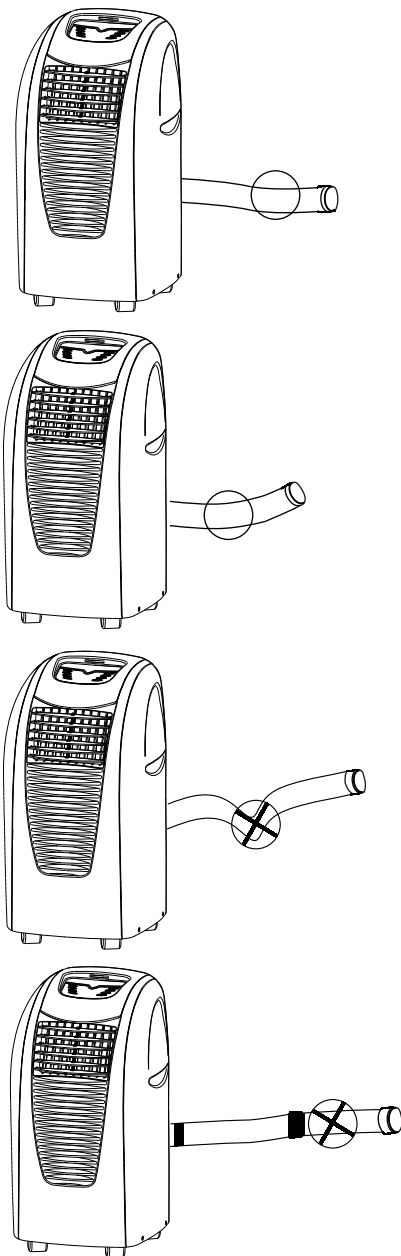
Operation

Note

1. Air exhaust duct can be extended from 0.5 to 1.5 meters. The unit works more efficiently while the air exhaust duct is shorter.

2. Please make sure the air exhaust duct is not distorted, or flow back heat to increase the unit interior temperature. If so, the unit will stop running automatically.

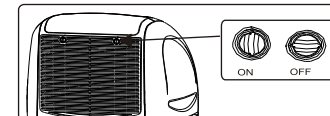
3. Please make sure not use other specifications' air exhaust duct, or extend air exhaust duct length. Otherwise, the unit working efficiency will decrease.



MAINTENANCE

Filter Cleaning

Open the air filter
Pull air filter from air inlet grill. (Rotate the knob with 90 degree by a plane hard matter and take it away)



Clean

Wash the air filter by immersing it gently into warm (about 40°C) water to wash out accumulated dust and lint. If the filter is very dirty, adding mild household detergent in the water.

Mounting

Push the air filter into air inlet grill.

Please Notes:

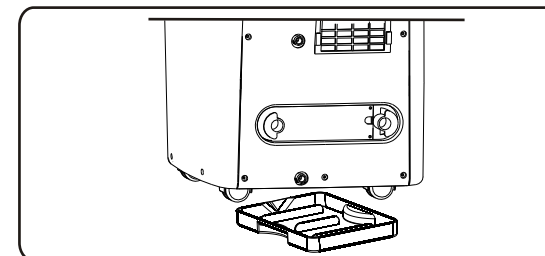
1. Turn off the unit before cleaning, and cut power off before cleaning.
2. If the air filter is blocked with lots of dust, the airflow volume will decrease. Suggest cleaning the filter once every two weeks or more often if necessary.
3. Let the filter dry thoroughly before reinstalling it. If necessary, please ask the professional personnel to clean it.

How to drain the condensed water

When unit running at cool mode, condensed water will drain into drainage pan. Buzzer will sound 20 times while drainage pan gets full, and error code "E4" will display in LCD window, at the same time, cooling system stops running automatically, and indoor centrifugal fan will stop in 3 minutes automatically as well. If want to start cooling system, please using the following ways to empty the condensed water:

A . Drainage Box

1. Horizontally place drainage box under drainage hole.
2. Disconnect the stopple drainpipe, then the condensed water will automatically flow out.
3. When the drainage box gets full, push the stopple drainpipe back to drainage hole, and empty the drainage box.
4. Repeat 1,2,3, until all the condensed water in the unit is drained.



MAINTENANCE

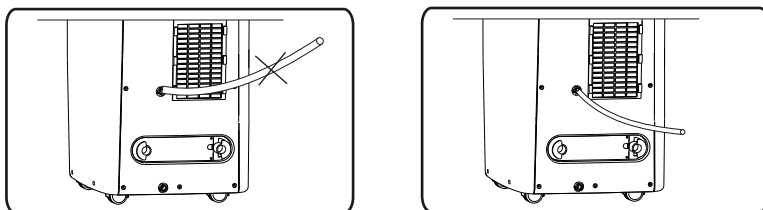
B .Continuous Drainage

This product adopt continuous drainage function.If you use this unit frequently,please connect the pipe to the unit properly so that the unit can drain the water successfully.

1. Disconnect the stopple drainpipe, and store it for later use.
- 2 .Connect supplied drainage pipe to drainage hole, condensed water will flow out automatically.
3. If you want to extend drainage pipe, you can use 16mm (Inside diameter) plastic pipe and connect with the supplied drainage pipe.

Please Note:

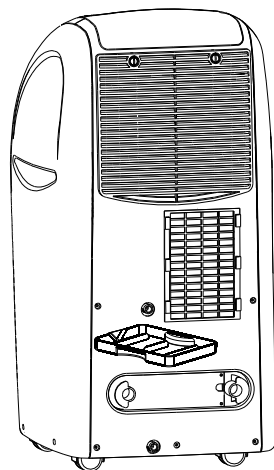
The drainage pipe must be put lower than the drainage port,otherwise the condensed water can not be drained successfully



Please Notice:

In order to maintaining the long lifetime of the unit,please empty the condensed water into the drainage box as following method .

1. Horizontally place drainage box under drainage hole.
2. Disconnect the stopple drainage, condensed water will automatically flow out.
3. When the unit is drained, push stopple drainage back to drainage hole, and empty drainage box.



TROUBLE SHOOTING

Prior to asking for service advice, please check the following:

PROBLEMS	CAUSES	SUGGEST SOLUTIONS
The unit does not work.	Power supply fault: 1.No plug in; 2.Bad plug or socket; 3.Fuse broken or wire broken	1.Plug in correctly; 2.Change the plug or socket; 3.Send the unit to service center to change the fuse (fuse:3.15A 250V ϕ 5xL20mm)
The unit stop running automatically.	Timer is set or room temperature is lower than set temperature.	Close the timer or wait for it to run automatically
In cooling mode,no cooling air coming out.	1.Room teperature is lower than set temperature; 2.There is frost on the surface of evaporator.	1.It is normal phenomenon; 2.The unit is defrosting, and it will run when the defrosting is finished.
In dehumidifying mode,no cooling air coming out.	Take off air filter, and you can see frost on the surface of the evaporator.	The unit is defrosting,it will run after defrosting is finished.
Error code "E2" in LCD window.	Failure of the indoor sensor.	Change the indoor temperature sensor.
Error code "E3" in LCD window.	Failure of the indoor coil sensor.	Change the indoor coil sensor.
Error code "E4" in LCD window.	Drainage pan is full.	Empty water in water plate.


If you are still have problems with the unit, please call the Customer Care Centre on 1300 556 816.

Maintenance

After running for several sessions, there may be dust covered in the air inflow volume to influence the working efficiency of the unit. We recommend that you clean the air filter once every two months to avoid any malfunctions.

When the unit working efficiency decreases, the unit is broken or other problems arise, please stop running the unit and unplug it. Ask for advice by calling your local after sales service agent or call the Customer Care Centre on 1300 556 816.

TECHNICAL REFERENCE DATA

Model	GDC-AC14RCW	
Cooling Capacity (Btu/h)	4.1 kW	
Heating Capacity (Btu/h)	4.4 kW	
Power – Cooling (W)	1450-1900 (Max Cooling)	
Power – Heating (W)	1600-1800 (Max Heating)	
Dehumidifying Capacity	1.8 L/h	
Airflow Volume (m3/h)	480	
Voltage/Frequency	220-240V / 50Hz	
Noise Level dB (A)	≤ 54	
Net Weight (kg)	41	
Refrigerant/(g)	R410A/750	
Room Size (m2)	Up to 27	
Min. Room Size (m2)	10	
Miniature Fuse	3.15A 250V	
Dimensions	Body (mm)	844 x 448 x 500
	HxWxD	Package (mm)
		

- 1)Cooling input power/current is measured at: ambient temperature, indoor DB/WB: 27°C/19 °C outdoor DB/WB: 35 °C/24 °C;
- 2)Cooling rated input power/current is measured at: ambient temperature, indoor DB/WB: 32°C/23 °C outdoor DB/WB: 43 °C/26 °C;
- 3)Heating input power/current is measured at: ambient temperature, indoor DB/WB: 20 °C/15 °C outdoor DB/WB: 7 °C/6 °C;
- 4)Heating rated input power/current is measured at: ambient temperature, indoor DB/WB 27 °C/24 °C outdoor DB/WB: 24 °C/18 °C

Warranty:

Warranty exists 24 months from date of purchase. For service advice, please contact the Customer Care Centre on 1300 556 816 (AU) / 0800 666 2824 (NZ)

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