

ausclimate

Medium 20L

Dehumidifier

User Manual



Model: ACD220SG

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 and rear and 200mm from the sides 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.

General Care and Safety Guide

- Never use the appliance to dry clothes.
- 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.
- The unit should be stored in an area where the room size corresponds to the room area as specified for operation.
- The unit should not be stored in a room with continuously operating open flames (for example, an operating gas appliance) or other potential sources.

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DO NOT COVER
MODEL: ACD220SG
SUPPLY: 220-240VAC 50Hz
RATED POWER: 330W (35°C/90%RH)
MOISTURE REMOVAL: 20L/day (30°C/80%RH)
HIGH PRESSURE: 1.55MPa
LOW PRESSURE: 0.60Mpa
MAX PERMITTED PRESSURE: 3.16MPa
IP-RATING: IPX4
APPROVAL: SGS-250149-EA
MADE IN CHINA
REFRIGERANT: R290 / 60g

QC PASSED
PO#-WWYY

**A3**

CUSTOMER SUPPORT
NEW ZEALAND PH: 0800 232 633
AUSTRALIA PH: 1300 465 324



**A3**

WARNING
Appliance shall be installed, operated and stored in a room with a floor area larger than 4m²



Warning: Flammable Material

WARNING:

Appliance shall be installed, operated and stored in a room with a floor area larger than 4m².

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.

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 1 metre from the front and rear and 200mm from the 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.

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.

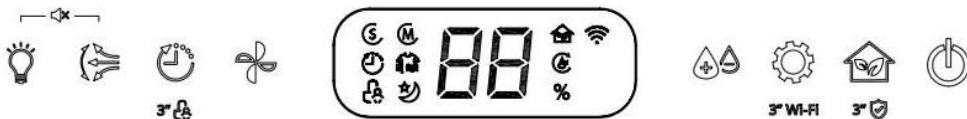
Leave the appliance to stand for one hour after transport or after the unit has been on its side before connecting it to the mains supply to let the refrigerant settle.

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

Ensure that the water container is positioned correctly.

Operating Your Dehumidifier

DEHUMIDIFIER CONTROL PANEL



	On/Off	Switches the power On or Off
	Speed	Adjusts the air speed setting
	Operation	Choose either ECO or Dehumidifier mode
	Humidity	Adjusts the humidity range
	Timer	Set the countdown timer
	Swing	Switches the swing function On or Off
	Mode	Choose either Manual / Dry Clothes / Night or Auto modes
	Light	Adjusts the display and indicator lights

OPERATING INSTRUCTIONS

The Power indicator light will turn on when the unit is plugged in regardless of whether the unit is operating or not.

POWER

Press the On/Off button once to the unit on; the machine will start up and the louvres will open. Press it again to turn the unit off.

FAN SPEED

Press the Speed button to set the desired fan speed. It can be adjusted between level 1, level 2, level 3 or Auto level.

OPERATION

Press the Operation button to select whether the unit works at ECO Dehumidifier or Dehumidifier mode.

While in ECO Dehumidifier mode, both  and  icon lights will be on.

While in Dehumidifier mode, the dehumidify  icon will stay on and the  icon will flash.

Operating Your Dehumidifier

OPERATION MODES

ECO Dehumidifier Mode:

When ECO Dehumidifier mode is selected, the unit will function as below:

If the ambient temperature is less than 16 degrees, the target dehumidification level will be at 55%

If the ambient temperature is between 17 and 23 degrees, the target dehumidification level will be at 50%

If the ambient temperature is higher than 23 degrees, the target dehumidification level will be at 45%

While in ECO mode, the compressor will stop when the ambient humidity is 2% less than the target humidity. The fan will keep running for 5 minutes, then stop for 30 minutes and run again for 3 minutes, working in a loop. It will not detect the ambient humidity when the fan is not running. It will detect the ambient humidity when the fan is running. The compressor will resume working if the unit detects that the ambient humidity is 2% higher than the target dehumidification level.

Dehumidifier Mode:

When Dehumidifier mode is selected, the unit will function as per the selected fan and humidity settings.

HUMIDITY SETTING

Press the Humidity button to set the desired humidity level in the room. This can be set from 40% to 80% with 5% intervals, or CO which is Continuous Operation. While in Dry Clothes or AUTO modes, the humidity can not be adjusted.

COUNTDOWN TIMER

Press the Timer button to program how long before the unit turns off, up to 9 hours. Each press of the button will increase the time by 1 hour and the timer symbol will be display on the screen. Once the time has elapsed, the dehumidifier will turn off.

If you want to cancel the timer programming, press the TIMER button until the display reads 00.

Note: The programmed time will be cancelled if you turn the dehumidifier off manually. The programmed time remains unchanged if the machine stops due to water full or during defrosting.

Press and hold the Timer button for 3 seconds to lock the functions. The child lock indicator light will be on and you cannot operate any other buttons except this one. Press and hold the button again to remove the lock function. The indicator light will turn off and all buttons will be useable again.

SWING

Press the swing button to turn on or off the swing function.

Operating Your Dehumidifier

MODE

Press the Mode button to choose between Manual, Dry Clothes, Night or AUTO modes.

Manual Mode: Allows manual setting of both speed and target humidity %

Dry Clothes: For use when drying clothes. Target humidity % is disabled and the dehumidifier will run continuously at high speed (this cannot be adjusted).

Night Mode: In night mode, the humidity can be adjusted however, the unit will run at low speed, which cannot be adjusted. After no operation for 10 seconds, the indicator lights (except the sleep mode indicator) and display will turn off. In night mode, the water tank full alarm will not sound, but the indicator light will be on (red colour) to remind you to empty the tank.

Auto Mode: When the environmental humidity is higher than the set humidity by 3%, the fan will start working and the compressor will start working after 3 seconds. When the environmental humidity is lower than the set humidity by 3%, the compressor will stop and the fan will stop working after 30 seconds.

Press and hold the Mode button for 3 seconds to put the unit into Wi-Fi pairing mode.

LIGHT

Press the Light button to set your desired light level, Light Sleep / Deep Sleep / All On.

Light Sleep: The room humidity indicator will turn off

Deep Sleep: The room humidity indicator and the display will turn off

HUMIDITY LIGHT INDICATOR

The three-colour lights each represent the current ambient humidity.

BLUE: When the ambient humidity is less than 40%, the light will display as blue.

GREEN: When the ambient temperature is between 40% and 59%, the light will display as green.

RED: When the ambient humidity is higher than 60%, the light will display as red. It will also display as red if a fault occurs.

HI: If the ambient humidity reaches over 90%, the display will show HI

LO: If the ambient humidity is lower than 30%, the display will show LO

SILENT OPERATION

Pressing the light button and the swing button at the same time can turn the beeping sounds on or off. Please note, the alert sounds will still be active whilst in Silent operation.

Operating Your Dehumidifier

AUTO DEFROST

When using the unit in low temperature environments, frost may build up inside the unit. The unit has an automatic defrosting function and will automatically activate defrost mode. During defrosting, the compressor will stop working and the display will show P1.

WATER FULL INDICATOR

When the water tank is full, the dehumidifying operation will stop automatically and the unit will beep 15 to alert the user that the water tank need to be emptied. The display will show P2 and the light indicator will flash red.

INNER-DRY FUNCTION

The inner-dry function can be used to dry the unit internally. This can be used before putting the unit into storage or before turning off for extended periods of time. Press and hold the operation button for 3 seconds to activate the inner-dry function. When the inner-dry function is activated, the % symbol will keep flashing.

MEMORISE FUNCTION

The unit will memorise previous settings when the power plug is connected but the power is off (excluding child lock and timer).

The unit will automatically turn on and operate at the last settings if an unexpected power failure occurs.

The unit will operate at default settings when the power plug is disconnected.

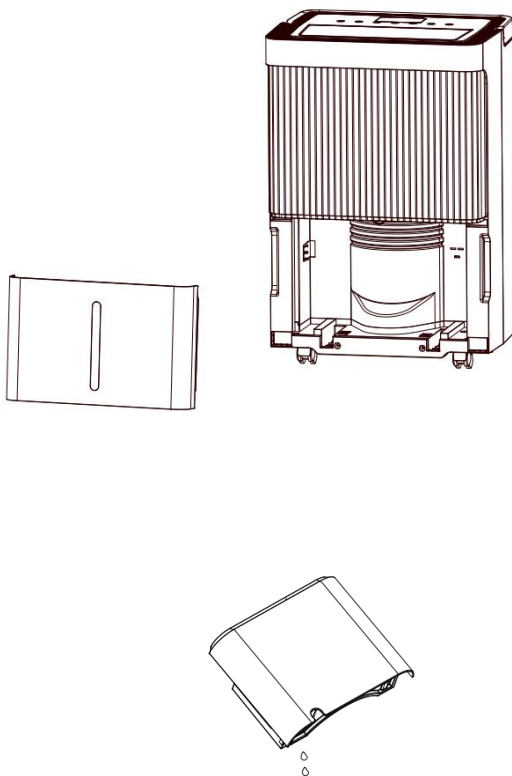
Operating Your Dehumidifier

EMPTYING THE WATER TANK

Lightly press on the sides of the tank with both hands and pull the tank out gently. Discard the collected water and reinstall the water tank.

When replacing the drainage tank, press the tank firmly into place with both hands. If the tank is not positioned properly, the “TANK FULL” sensor will be activated, and the dehumidifier will not operate.

If the drainage tank is dirty, wash it with cold or lukewarm water. Do not use detergent, scouring pads, chemically treated dust cloths, petrol, thinners or other solvents, as these can scratch and damage the tank and cause water leakage



Do not remove the float from the water tank.

The water full sensor will no longer be able to detect the water level correctly without the float and water may leak from the water tank.

Operating Your Dehumidifier

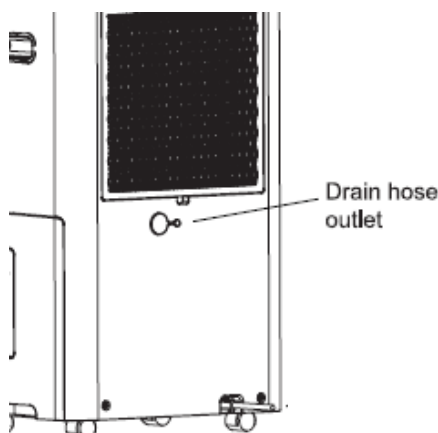
CONTINUOUS WATER DRAINAGE

It is possible to connect a drainage tube with an inner diameter of 10mm (not supplied) to the appliance 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).

1. Connect the drainage hose to the drain spout.
2. Place the end of the drainage hose in a drainage outlet. Ensure that the end of the hose is lower than the drain opening, otherwise the water will not drain and flooding may occur.
3. Also ensure the water tank is positioned in the unit otherwise the continuous drainage will not operate. It will also catch any overflow.

NOTE: When you no longer wish to use the permanent water drainage, disconnect the drainage tube from the device and water will be collected in tank again.



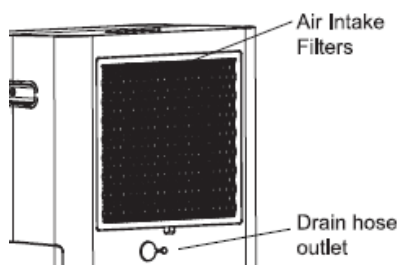
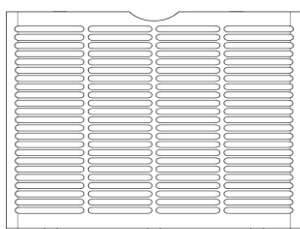
CLEANING THE AIR FILTER

Open the inlet grill and remove the air filter.

Run a vacuum cleaner lightly over the surface of the air filter to remove dirt.

If the air filter is exceptionally dirty, wash it with warm water and a mild cleanser and dry thoroughly.

Once completely dry, insert the filter back into the inlet grill and place the inlet grill into the back of the appliance.



WiFi – Downloading and Setting Up APP

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

Note this device 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 Ausclimate mobile APP

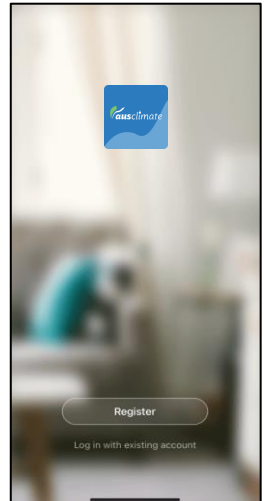
- Open the APP Store or Google Play on your mobile phone.
- Open 'Search' and enter '**Ausclimate**'
- Click 'GET' and begin to download and install.

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'

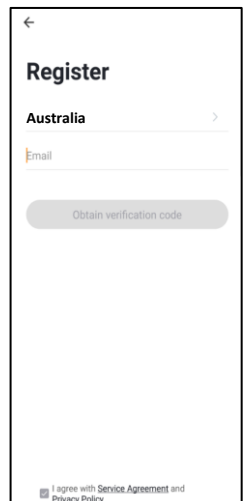
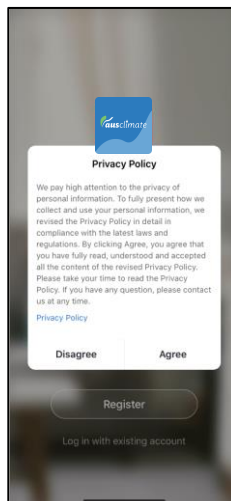
You will then receive an email with a verification code.

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



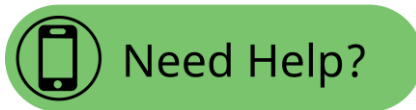
If you haven't received a verification code via email, tap the resend button and when the verification code is received follow above steps.

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



Pairing APP to Device

The website link below provides details for pairing this appliance with the Ausclimate App. Either scan the QR code below or enter the website into your browser.



Pairing Mode

To connect to the Ausclimate app, you must ensure that your device is in pairing mode, which is when the Wi-Fi icon flashes.

If you want to enable Wi-Fi mode, then:

- Put the device on STAND-BY mode (ON at the wall, but the device is OFF)
- Hold the “Timer” button for around 3 seconds or until the Wi-Fi icon flashes.

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.

Care and Maintenance

SAFETY DEVICES

This appliance has two protection devices:

- Resettable Thermal Link - 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.
- Thermal Fuse - 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.
- 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.
- Service, repair or decommission must be done by qualified person.
- For the service & repair manual please contact us at the details below.

PROOF OF PURCHASE

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

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SUPPORT AND TECHNICAL ADVICE

Ausclimate – New Zealand
Monday – Friday 8am-5pm
Phone +64 (0)9 917 4000
Phone 0800 232 633

Ausclimate – Australia
Monday – Friday 8am-5pm
Phone 1800 122 100

TROUBLESHOOTING

Problem	Possible Cause	Solution
The unit doesn't operate	Has the power cord been disconnected?	Plug the power cord into the outlet.
	Is the tank full indication lamp blinking? (The tank is full or in a wrong position.)	Empty the water in the drainage tank and then reposition the tank.
	Is the temperature of the room above 35°C or below 5°C?	The protection device is activated and the unit cannot be started.
The dehumidifying function doesn't work	Is the air filter clogged?	Clean the air filter as instructed under "Cleaning the dehumidifier".
	Is the intake duct or discharge duct obstructed?	Remove the obstruction from the discharge duct or intake duct.
No air is discharged	Is the air filter clogged?	Clean the air filter as instructed under "Cleaning the dehumidifier".
Operation is noisy	Is the unit tilted or unsteady?	Move the unit to a stable, sturdy location.
	Is the air filter clogged?	Clean the air filter as instructed under "Cleaning the dehumidifier".

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**SCAN HERE
FOR HELP**

**www.ausclimate.com.au
www.ausclimate.co.nz**

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Two Year Warranty

Thank you for purchasing this Ausclimate 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 Ausclimate limits the voluntary warranty to **three months**.

Ausclimate present consumers with the option of extending their warranty by a **further two years** to a total warranty period of **four years**, if the unit is registered on the Ausclimate website.

Ausclimate 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).

Ausclimate – New Zealand

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N.S.M.C

Auckland

Phone 0800 232 633

www.ausclimate.co.nz

Ausclimate – Australia

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PO Box 574

South Morang

Victoria, 3752

Phone 1800 122 100

www.ausclimate.com.au

Ausclimate Two 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

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CDB  GROUP

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