

ausclimate

Compact 12L Dehumidifier

User Manual



Model: ACD112

Important Safety Information

YOUR SAFETY IS IMPORTANT TO US. PLEASE ENSURE YOU TAKE NOTE OF THE INSTRUCTIONS AND WARNINGS OUTLINED IN THIS MANUAL.

Electrical Safety

- Only operate using the voltage shown on the rating label.
- Always unplug when not in use, before cleaning, or when moving the unit.
- Ensure hands are dry before touching the plug or appliance.
- Plug directly into a wall socket. Avoid unsuitable power boards.
- Use only a correctly rated and undamaged extension cord, if required.
- Never operate with the power cord coiled, heat can build up.
- Fully unwind cord before use and avoid twisting, kinking, or wrapping it around the appliance.
- Do not route the cord under carpets, rugs, or furniture.
- Always unplug by gripping the plug, not the cord.
- Inspect the cord regularly. Do not use if damaged, worn, or if the unit has been dropped or is malfunctioning.
- If the cord is damaged, it must be replaced by the manufacturer, service agent, or qualified technician.

Fire Safety

 **WARNING** - Do not connect to an external switching device (e.g. timer) or circuit that turns power on/off automatically, may cause overheating.

- Do not cover the unit, this can cause overheating, fire risk, and may disable the safety fuse.
- Keep flammable items (curtains, bedding, clothing) at least 1 metre from the air outlet.
- Keep away from petrol, paint, or other flammable liquids or vapours.
- Keep away from heat sources such as stoves, radiators, or open flames.
- Do not use in enclosed spaces like wardrobes or cupboards, risk of overheating.

Placement & Operation

- Maintain at least 1 metre clearance front & back and 200mm on each side.
- Place on a flat, stable, heat-resistant surface.
- Do not place on bedding or thick carpet that could block airflow.
- Only use indoors, protect from rain and moisture.

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- Ensure room size matches recommended usage area (see manual).
- Never insert objects into vents or openings.
- Switch off before unplugging.
- Always use the handle when moving the unit.

Cleaning & Maintenance

- Clean only with a damp cloth and mild soapy water.
- Never immerse in water or liquid.
- Avoid abrasive cleaners.
- Dust and lint buildup can cause overheating, vacuum vents and grills regularly (unplug first).
- No user-serviceable parts, do not open or repair yourself.
- If not operating correctly, contact Customer Service.

Children & Supervision

- This appliance is not intended for use by individuals (including children) with reduced physical, sensory, or mental capabilities without supervision.
- Children must be supervised to ensure they do not play with the appliance.
- Do not operate in small enclosed rooms if occupied by people who cannot exit without assistance, unless always supervised.

Warning Labels

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DO NOT COVER

MODEL: ACD112
SUPPLY: 220-240V/AC 50Hz
RATED POWER: 240W (35°C/80%RH)
MOISTURE REMOVAL: 12L/day (30°C/80%RH)
REFRIGERANT: R290 / 40g
HIGH PRESSURE: 1.68MPa
LOW PRESSURE: 0.66MPa
MAX PERMITTED PRESSURE: 2.04MPa
APPROVAL: TUV-028825-EA
MADE IN CHINA

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.

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Operating Your Dehumidifier

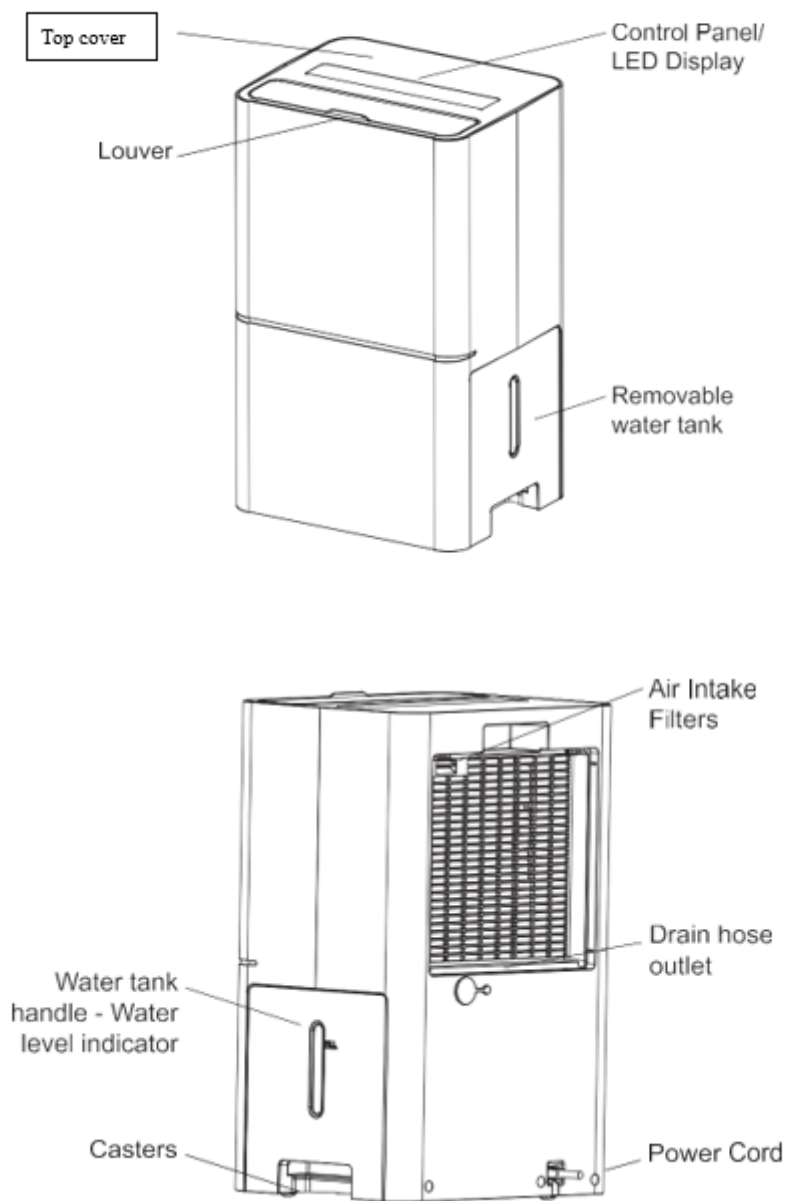
Operating Instructions

Control Panel & Basic Operation



Function	Operation	Display	Operating Instructions
Continuous Dehumidification Mode / Constant Dehumidification Mode	Temperature & Humidity Button	The selected humidity level indicator lights up.	Each press cycles through 40% RH → 50% RH → 60% RH → Continuous ("CO").
Start / Stop	On/Off Button	Indicator light turns on or off.	Press to turn the unit on or off.
Timer	Timer On/Off Button	2H, 4H, 6H indicator lights.	Press once for 2 hours → twice for 4 hours → three times for 6 hours → fourth press cancels the timer.
Compressor Protection	Automatic	-	Indicates the current working mode. After the compressor stops, it will wait 5 minutes before restarting to protect the system.
Defrost Mode	Automatic	Defrost indicator light on.	The unit will automatically enter defrost mode when required. The dehumidifier pauses operation during this time.
Water Full	Water tank switch disconnects	Water Full indicator light on.	The dehumidifier stops automatically when the water tank is full. Empty the tank and reinstall it to resume operation.

Operating Your Dehumidifier



Operating Your Dehumidifier

Operation Instructions

Power On / Off

- When the appliance is plugged into a power socket, it enters Standby Mode.
- Press the ON/OFF button to start the unit.
- Press the ON/OFF button again to turn the unit off.
- After powering on, the fan motor will run immediately. The compressor will start after the 5-minute protection delay has elapsed.

Humidity Setting

- The dehumidifier allows humidity settings of 40%, 50%, 60%, and CONT (Continuous).
- Each press of the Humidity button cycles through 40% → 50% → 60% → CONT.
- The corresponding indicator light illuminates to show the selected humidity level.
- In constant-humidity modes (40–60%), the unit operates automatically according to the selected humidity value.

Timer Setting

- When the dehumidifier is operating, press the TIMER button to set an auto shut-off timer.
- Timer options are 2 hours, 4 hours, and 6 hours.
- Each press cycles through 2H → 4H → 6H.
- The corresponding timer indicator light will illuminate.

Functions

Memory Function

- If the unit is turned off using the ON/OFF button (without unplugging):
When turned back on, the dehumidifier will resume the previous working mode.
- If the unit is unplugged from the power source:
When powered on again, it will start in the default factory mode.

Operating Your Dehumidifier

Operation Instructions

Full Water Tank Detection

- When the water tank becomes full, the unit will stop operation immediately.
- The compressor and fan stop.
- The buzzer sounds six times.
- Only the Power and Water Full indicator lights remain on; all other indicators turn off.

When the water tank is full, all buttons except ON/OFF are disabled.

Compressor Protection

To safeguard the compressor, it will not restart for 5 minutes after stopping.

 Important: The compressor features built-in protection to ensure a minimum 5-minute delay between stopping and restarting.

C8 Refrigerant Alarm & Wi-Fi

- This model does not include a C8 refrigerant alarm function
- This model does not include Wi-Fi functionality.

Automatic Defrost

- When used in low-temperature environments, frost may accumulate on internal components.
- The appliance will automatically enter Defrost Mode when needed.
- During defrosting, the Power and Defrost indicator lights will illuminate.

Operating Your Dehumidifier

Continuous Drainage

- You can connect a drainage hose to allow the unit to drain water continuously.

To set up:

- Attach the drainage hose to the drain spout.
- Place the other end of the hose into a suitable drainage outlet.
- Make sure the end of the hose is positioned lower than the drain spout to allow water to flow freely and prevent backflow or flooding.
- Keep the water tank installed inside the unit, this is necessary for continuous drainage to work and to collect any possible overflow.

 Important: Do not remove the water tank while the drain hose is inserted. Remove the hose first if you need to take out the water tank.

Power Indicator

- Illuminates red when the water tank is full and the unit has stopped operating.

Water Full Indicator

- Illuminates red when the water tank is full and the unit has stopped operating.

Defrost Indicator

- Illuminates when the unit is in Defrost Mode.

Continuous Mode Indicator

- Illuminates when Continuous Dehumidification Mode is selected.

Operating Your Dehumidifier

Cleaning the filter

- Carefully remove the air filter.
- Use a vacuum cleaner to gently clean the surface of the filter and remove any dust or debris.
- If the filter is heavily soiled, wash it with warm water and a mild detergent.
- Rinse thoroughly and allow the filter to dry completely before reinstalling.
- Once fully dry, reinsert the filter back onto the unit.

 **Tip:** Cleaning the air filter regularly helps maintain optimal dehumidifier performance and air quality.

Maintenance Tips

- Clean the air filter regularly. A clogged filter reduces efficiency and may lead to overheating.
- Check the water tank for buildup of mould or grime. Rinse regularly with clean water and allow to dry before reinstalling.
- Inspect the power cord periodically for signs of damage or wear. If damaged, do not use the appliance and contact Ausclimate for assistance.
- Avoid blocking airflow. Ensure the unit has adequate clearance around all sides for proper ventilation.

Operating Your Dehumidifier

Servicing

- All servicing, repairs, or decommissioning must be carried out by a qualified technician.

Safety Devices

- This appliance is equipped with two built-in protection systems:
- Resettable Thermal Link: Automatically cuts power to the appliance if it overheats. Once cooled, the unit will reset and power back on.
- If this occurs, identify and resolve any causes of overheating before using the appliance again.
- Thermal Fuse (Non-Resettable): Permanently disconnects the appliance in the event of extreme overheating. If this happens, the unit must be professionally inspected and repaired.

General Care and Cleaning

To keep your dehumidifier operating at peak performance:

- Always unplug the unit from the mains power supply before cleaning or performing maintenance.
- Allow the appliance to cool completely before handling or cleaning.
- Dust and fluff buildup is a common cause of overheating. Use a vacuum cleaner to clean the air vents, inlet grill, and exhaust regularly.
- Wipe the exterior housing with a soft, damp cloth (not wet) to remove dust and dirt.
- Do not use petrol, paint thinners, abrasive cleaners, or polishing agents, as these may damage the surface or internal components.
- Ensure the unit is completely dry before reconnecting it to the power supply.

Troubleshooting Guide

Troubleshooting

If an issue occurs, turn off and unplug the dehumidifier immediately.

For troubleshooting guidance, visit ausclimate.com.au.

If the issue continues, contact **Ausclimate Support**.

 Do not attempt to disassemble the unit yourself, as this may be unsafe.

	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

Product Specifications

Model	Smart 12L Dehumidifier ACD112
Voltage/Frequency	220-240VAC, 50Hz
Rated Power Consumption	240W
Capacity	12 liters per day * Tested at *30°C/80%RH
Noise Level	Max ≤45dB(A) Please note: Noise perception can vary depending on your room's acoustics and the presence of other household appliances. In very quiet spaces or during nighttime, the unit may seem louder by comparison.
Weight	10.5kg
Dimensions	w 29.0 x d 24.0 x h 48.0
Working Temperature	5-35°C

2+2 Year Warranty

Thank you for purchasing an Ausclimate product. Every unit is backed by a 2-year warranty for domestic use. For non-domestic use, a 3-month warranty applies.

Want even more coverage? You can extend your warranty by an extra 2 years — free of charge — simply by registering your product online.

 Register now at ausclimate.com.au/register

What's Covered

Ausclimate will repair or replace your product at no charge if a manufacturing fault is found within the warranty period.

What's Not Covered

This warranty does not cover:

Misuse or neglect

Shipping damage

Incorrect installation

Repairs by anyone other than a qualified technician

 **Keep your receipt** — this helps us verify your warranty quickly.

Your Consumer Rights

This warranty is in addition to your rights under consumer law.

In Australia, under the Australian Consumer Law, you're entitled to a replacement or refund for a major failure, and to compensation for other reasonably foreseeable loss or damage. You're also entitled to have the goods repaired or replaced if they fail to be of acceptable quality and the failure doesn't amount to a major failure.

In New Zealand, this warranty is provided in addition to the guarantees under the **Consumer Guarantees Act (1993)**.

Ausclimate – New Zealand

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Ausclimate – Australia

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Phone 03 9365 5100

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 _____

Attach a copy of the purchase receipt to this warranty card

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