



Air Dehumidification System



Congratulations on your purchase of a Cli~Mate Air Dehumidification System.

This air dehumidifier is compact and stylish in design, quiet, portable and easy to operate. Unit effectively removes moisture from the air creating a drier, healthier room environment.

Note: Please read through the instructions carefully before using or installing the product and ensure that the manual is kept in a safe place for future reference.

The system must be properly installed and located in accordance with the installation instructions before it is used.

**During the set up of this product if you have any questions / comments / issues DO NOT RETURN TO STORE.
FOR SERVICE AND TECHNICAL ADVICE ON THIS PRODUCT, FREE CALL 1300 764 325.**

CUSTOMER HOTLINE: 1300 764 325

Register your warranty online at www.aquaport.com.au/warranty

Aquaport Corporation Pty Ltd

PO Box 81 Findon SA 5023 Australia

Telephone: 1300 764 325

Facsimile: 08 8354 0722

Email: aquaport@aquaport.com.au

Web: www.aquaport.com.au



N 23934

Electrical Requirements:

Australia / New Zealand 240V / 230V 50Hz

Due to manufacturing alterations product may vary slightly from the pictured.

SPECIAL PRODUCT INSTRUCTIONS

This appliance is designed for household use only. Do not use this unit outdoors, in wet environments or on wet surfaces.

To achieve best performance; make sure all doors and windows are closed before turning on the unit.

The appliance air vents and air grilles must not be obstructed at any time. Air flow is required for the unit to operate

effectively. Place unit in a flat location at least 30cm from wall or other appliances.

Units must be placed on a stable flat surface to reduce possible excessive vibration and noise.

Units must never be placed and operated on an angle as water spillage from reservoir can occur.

Empty the water when water reservoir is full or not in use for a prolonged period.

Recommended operating temperature range is minimum 5°C (RH 40%) and maximum 35°C (RH 90%).

Any servicing other than cleaning and user maintenance will violate the terms of this WARRANTY and warranty will be null and void.

Note: RH = Relative Humidity

PRODUCT SPECIFICATIONS

Air Dehumidifier Specifications

System Specifications	CLI-DH20-E Air Dehumidification System
Dehumidification	20 Litres/day
Dehumidifying Capacity	0.83 kg/hour
Air Circulation	140 cbm/hour
Power Consumption	340 watts
Capacity of Water Tank	3.8 L
Refrigerant	R134a (150 g)
Noise Level	≤46dB
N.W	12.8 kgs
G.W	14.0 kgs
Product Dimensions	350 x 242 x 586 mm

OPERATION CONDITIONS AND SAFETY PRECAUTIONS

Read all instructions carefully.

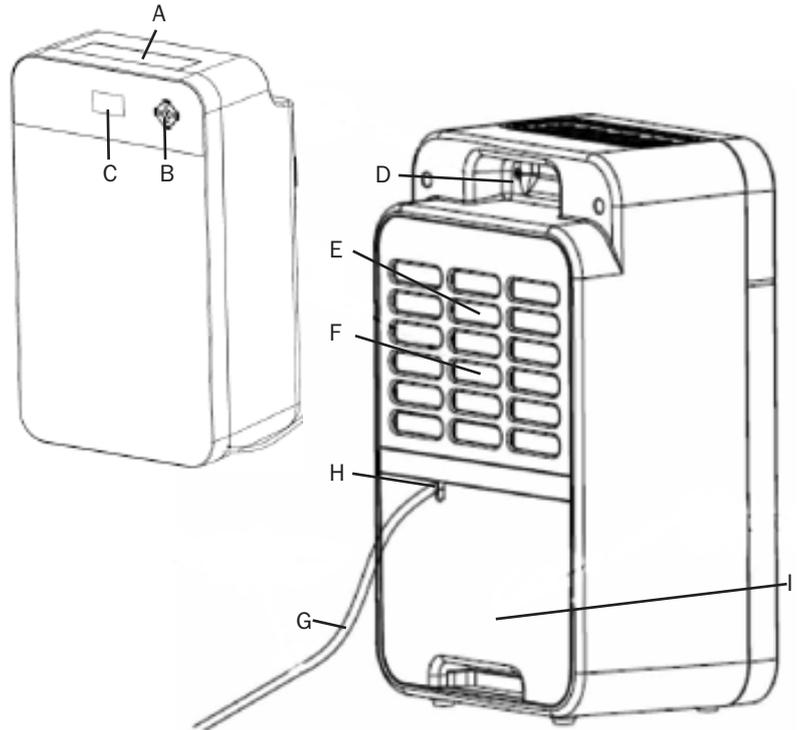
- All components need to be installed in accordance with the user manual instructions for correct performance of unit.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have 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.
- A power outlet is required to operate the appliance. Electrical supply required 220~240V/50Hz.
- Ensure unit is properly grounded.
- To protect against fire, electric shock and personal injury, do not spray water onto the unit, do not immerse cord, plugs, or appliance in water or other liquid. Do not push any objects in the unit air inlet and air outlet exhaust grilles.
- Unplug from outlet when not in use and before cleaning. Never unplug unit with wet hands.
- Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions, or has been damaged in any manner.
- 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.
- The use of accessory attachments not recommended by the appliance manufacturer may result in fire, electric shock or personal injury.
- Ventilation – The appliance air vents and exhaust grilles must not be obstructed at any time. Air flow is required for the unit to operate effectively. Place unit in a flat well-ventilated location at least 30 cm from wall or other appliances.
- Do not use outdoors.
- Do not use in wet environments e.g. Bathrooms or Showers.
- Do not let cord hang over edge of table or counter, or touch hot surfaces.
- Do not use appliance for other than intended use.
- This appliance should always be used in conjunction with a safety switch.
- Do not place the unit near an oven, heater, radiator, direct sunlight or any other heat source.
- Do not use unit near flammables or fire.
- Ensure unit is on a stable and even flat surface to prevent unit from falling or tipping over and to reduce possible excessive vibration and noise.

- If unit ever tips or falls over when water reservoir is full, immediately unplug the power cord. Ensure unit is dried thoroughly before operation of the unit.
- Do not put fingers or other objects in any openings of the unit.

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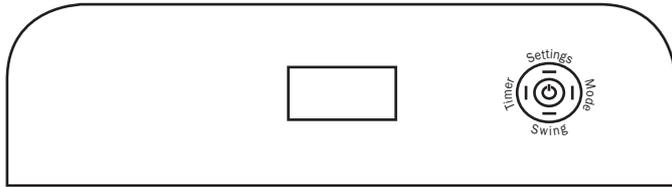
A. COMPONENT IDENTIFICATION AND CHECK LIST

- A. Dry Air Outlet
- B. Control Panel
- C. LCD Display
- D. Handle
- E. Humid Air inlet
- F. Air Filter
- G. Continuous Drainage Hose*
- H. Continuous Drainage Outlet
(For hose connection)
- I. Water Reservoir



* Continuous drainage hose is an extra drainage option; hose does not need to be connected if using the water reservoir to catch condensed water.

B. CONTROL PANEL & KEY PADS



POWER

 Turns unit ON/OFF.

MODE

Allows selection of desired working mode, the corresponding indicator light will illuminate.

SETTING

Allows selection of the desired running mode (High (H), Low (L)) and ambient relative humidity ratios.

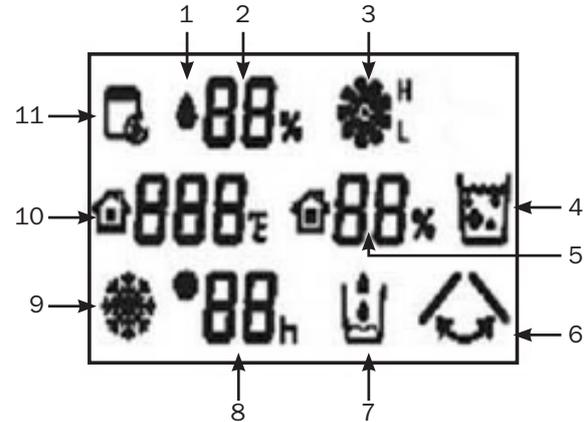
TIMER

To set automatic ON/OFF timer at 1 to 24 hour settings.

SWING

Turns air deflector ON/OFF to allow better distribution of air output.

C. LCD DISPLAY ICONS



- | | |
|----------------------------|------------------------------|
| 1. Automatic Dehumidifying | 7. Dehumidifying |
| 2. RH Settings | 8. Timer |
| 3. Wind Speed | 9. Defrost |
| 4. Water Full | 10. Ambient Temperature |
| 5. Ambient Humidity | 11. Continuous Dehumidifying |
| 6. Swing | |

D. OPERATION INSTRUCTIONS

1. Plug unit into power socket, unit will beep twice.
2. Press POWER button  to turn unit on. The dry air outlet air deflector will open and the blue backlight will illuminate and turn off after 15 seconds. The LCD display will show the working mode, status of unit, ambient humidity and temperature.

Note: The dehumidification setting is automatically set on continuous  and default fan speed is set at High (H).

Note: The dry air outlet air deflector will close when unit is turned off. Press power button to turn unit off.

3. MODE button sets up Continuous/Automatic dehumidifying modes and Fan speed.
4. SETTING button confirms the running fan speed or Continuous/Automatic dehumidifying ratio.
5. To set automatic dehumidifying relative humidity (RH) ratio, press MODE button until LCD display lights up on the icon . Press SETTING button to select relative humidity (RH) ratio in 5% increments between 40% - 80%, and then press MODE to set selection, or three seconds after pressing SETTING the desired humidity ratio is set and the indicator light will stop illuminating.

Note: When setting unit on automatic dehumidification, the continuous dehumidifying mode  will be cancelled.

Note: When the ambient relative humidity is 1% lower than the selected relative humidity ratio percentage (RH%), the unit compressor will switch off and fan speed will operate at a Low (L).

Note: When the ambient relative humidity is 5% higher than the selected relative humidity ratio percentage (RH%), the unit will switch on and unit will operate at the selected setting.

Note: The unit will continuously run, regardless of the ambient relative humidity, when continuous dehumidification mode  is set.

6. To set fan speed, press MODE button until LCD display lights up on the fan icon . Press SETTING button to select between high (H) and low (L) fan speed, and then press MODE to set selection, or three seconds after pressing SETTING the fan speed is set. When fan speed is set the fan icon  will rotate.

Note: When the temperature sensor detects the ambient humidity is lower than selected setting, fan will work at a low (L) speed.

Note: When the temperature sensor detects the ambient room temperature to be higher or equal to 32°C, the unit fan speed will automatically switch to operate at high (H).

7. To set continuous dehumidification, press MODE button until LCD displays the continuous dehumidification icon  and then press SETTING to set continuous dehumidification mode.

8. To select ON/OFF timer.

To set automatic OFF timer, press TIMER button when unit is powered ON; select the desired running time, 1 to 24 hours. Unit will automatically switch OFF once selected OFF time duration has lapsed. The screen will display time elapsed and remaining running time.

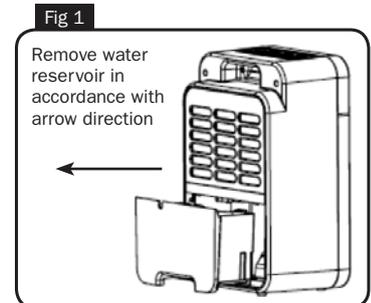
To set automatic ON timer, press TIMER button when unit is powered OFF or on standby mode, select the desired time for unit to start operating in 1 to 24 hours. Timer symbol will be displayed on screen, and unit will automatically switch on when time is reached.

Note: Memory function will not work on Timing shutdown.

9. When unit is powered ON, press SWING to oscillate dry air outlet deflector panel from 50 to 95 degree angle automatically, LCD will display swing icon . Press SWING again to fix stationary angle, swing icon will disappear.

10. As unit operates, condensed water will drain into water reservoir. When water reservoir is full unit will beep 10 times and WATER FULL  indicator light will illuminate and all other indicator lights will turn orange. Unit will automatically stop operating. The water reservoir must be removed and emptied before unit will operate again. See Fig 1.

Note: Allow minimum of three minutes before turning unit on, after water reservoir is emptied.



E. PRODUCT SAFETY FEATURES

1. Automatic Defrosting

To ensure the unit operates and performs as stated, the unit has been designed with an Automatic defrost function as frost can be produced on the surface of the evaporator in low temperatures.

When the temperature sensor detects the room temperature has dropped to 16°C or lower, the Auto Defrost function will start and the DEFROST symbol  will be displayed on the LCD screen.

The unit compressor will run for 25 minutes on dehumidification mode and then the fan will run at high speed in 7 minute cycles to defrost the unit.

Note: The dehumidification symbol  will disappear.

2. Protection Of Extremely Low & High Temperature

Unit is built with a room temperature sensor that will automatically shut off the unit when the ambient temperature is either less than or equal to 0°C or greater than or equal to 40°C. When sensor is activated there will be a continuous warning beeper which will beep 3 long and 2 short beeps and the corresponding temperature (either 0°C or 40°C) will be displayed on LCD screen.

Note: Unit will not be operable when sensor is activated, to restart unit, unplug unit and restart again.

Note: If unit is shut off due to protection of extremely low & high temperatures, the unit memory function will not operate, unit will reset at default setting.

3. Failure of Humidity & Temperature Sensor

When the connection wire between the humidity and temperature sensor is disconnected, the humidity icon  will blink and 0°C and 0% RH will display on LCD screen. Unit will switch into continuous dehumidifying mode.

If the temperature evaporator sensor becomes open circuit or short circuit the DEFROST light  will start blinking.

Unit will operate in a humidifying and defrosting mode, dehumidifying for 20 minutes and then defrosting for 5 minutes.

Note: If the temperature sensor malfunctions, the unit will continue to work but at a lower efficiency.

4. Compressor Protection

If the unit malfunctions during the operation of the unit and the compressor fails, the compressor will switch off. Wait a minimum of three minutes to reoperate unit.

5. Memory Function

If the power is cut off during the operation of the appliance, the unit will memorise the working mode automatically.

Once power is restored to the unit, the appliance will restart and continue working at the last set working mode.

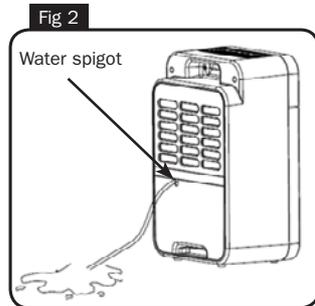
Note: If the ON/OFF timer has been set and activated, the unit will restart at default operating mode, not at previous set mode.

Note: If power supply is cut off due to one of the safety features being activated, the unit will not restart at previous set mode but at the default mode.

F. OPTIONAL CONTINUOUS DRAINAGE INSTALLATION

1. Ensure that unit is OFF and unplugged from wall socket.
2. Remove water reservoir out and connect water drain hose to spigot (continuous drainage outlet) as shown in figure 2.
3. The other end of this hose must be placed over a water drain.

Note: For the unit to drain correctly, no part of the hose should be above the level of the water spigot (continuous drainage outlet).



G. MAINTENANCE AND REPAIR

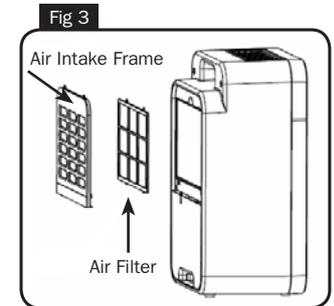
Before carrying out any maintenance or cleaning of the unit, make sure that the power to the unit is turned off and power cord is removed from the power socket.

External cleaning of unit:

- Do not clean unit with any abrasive cleaning agents or solvents.
- Do not apply any water directly to the unit of cleaning.
- Only use a soft clean cloth for all cleaning purpose

Cleaning Filter:

Remove Air Intake Frame as shown in figure 3 below to access air filter. Use a vacuum cleaner or wash in cool water to clean filter. Allow to dry thoroughly before replacing filter and Air Intake Frame.





H. UNIT NOT USED FOR PROLONGED PERIODS

If not using the unit for a prolonged period, switch off and unplug the unit, empty the water reservoir, and allow minimum of two days for unit to dry before packing away. Keep unit in a dry and ventilated place.

Repair:

If the unit or power cord is damaged, stop using immediately and bring the unit to authorised service center for repair, never attempt to dismantle, repair or modify the unit by yourself. Warranty will be null and void.

I. TROUBLE SHOOTING

BEFORE YOU CALL FOR SERVICE PLEASE REVIEW THE TROUBLE SHOOTING TIPS FIRST.

Problem	Possible Causes	What To Do
No Power	<ol style="list-style-type: none">1. Unit is not plugged into wall socket2. One of the units product safety features has been activated.	<ol style="list-style-type: none">1. Check connection to wall socket2. Check indicator lights to determine which safety feature has been activated. If no lights, unplug unit and wait five minutes before restarting and operating appliance. If problem persists call customer care.
No Air	<ol style="list-style-type: none">1. Unit is not plugged into wall socket2. Humidity ratio (if set) has been reached.3. Air outlet blocked4. Water Reservoir is full	<ol style="list-style-type: none">1. Check connection to wall socket2. Wait 30 minutes, turn unit back on.3. Ensure there are no objects obstructing air outlet.4. Empty water reservoir
Unit Overheating	<ol style="list-style-type: none">1. Air ventilation around unit not sufficient2. Humid Air Inlet or air outlet is being obstructed or blocked by foreign objects.3. Internal malfunction	<ol style="list-style-type: none">1. There must be at least 30 cm between unit and wall or other appliances2. Ensure there are no object obstructing the air intake grille or air outlet3. Return unit to service agent. Call customer care.

Problem	Possible Causes	What To Do
Loud Noise	<ol style="list-style-type: none"> 1. Unit not on a level flat surface 2. Faulty internals 	<ol style="list-style-type: none"> 1. Reposition or relocate unit onto a flat surface. 2. Call customer care.
Water at Base of Unit	<ol style="list-style-type: none"> 1. Water reservoir not installed correctly 2. Continuous drainage hose not connected to spigot properly. 3. Continuous drainage hose outlet not over water drain 	<ol style="list-style-type: none"> 1. Reinstall water reservoir 2. Check hose connection 3. Check hose outlet is flowing into water drain.
Beeping Alarm Noise	<ol style="list-style-type: none"> 1. Water Reservoir is Full 2. Ambient temperature is either less than or equal to 0°C or greater than or equal to 40°C. 	<ol style="list-style-type: none"> 1. Remove and empty water reservoir 2. Turn off unit and restart, or if unit is in defrost mode , allow unit to complete function and cycle.

Customer care 1300 764 325

Your Aquaport 12 Month Repair or Replacement Warranty

Aquaport warrants this appliance to the first purchaser and subject to the stated conditions:

Warranty covers any defects in material or workmanship in the manufactured product within the first twelve months from the date of purchase.

To make a warranty claim you must call Aquaport on toll free number 1300 764 325 for instructions.

If a product is found to be faulty there is a 90 day return policy from the date of purchase. Product returned to store MUST be accompanied by a valid proof of purchase and Customer Reference number received from Aquaport. Call 1300 764 325.

For warranty claims outside of 90 days from date of purchase, product will be repaired or replaced at our discretion. Repair or replacement costs of the product will be covered under warranty by Aquaport.

Goods presented for repair may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the goods.

Warranty does not cover filter cartridge which is a consumable unless proven to have defects in material or workmanship in the manufactured product.

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 goods fail to be of acceptable quality and the failure does not amount to a major failure. Register your warranty online at www.aquaport.com.au/warranty

Conditions Of This Warranty:

1. This product has been fully installed in accordance with the user manual installation instructions.
2. The warranty extends only to repairing or replacing any component that proves to be defective in material or workmanship.
3. The warranty does not cover defects occasioned by misuse, alterations, accidents, or used for other than the intended purpose.
4. The warranty does not cover damage to the product caused by accident, fire, or floods.
5. Proof of purchase is required for warranty claims.

Please keep purchase receipt in a safe place.

To enable us to register your warranty and provide service should a problem occur, we recommend you register your warranty online at www.aquaport.com.au/warranty

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5 John Street Flinders Park,
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