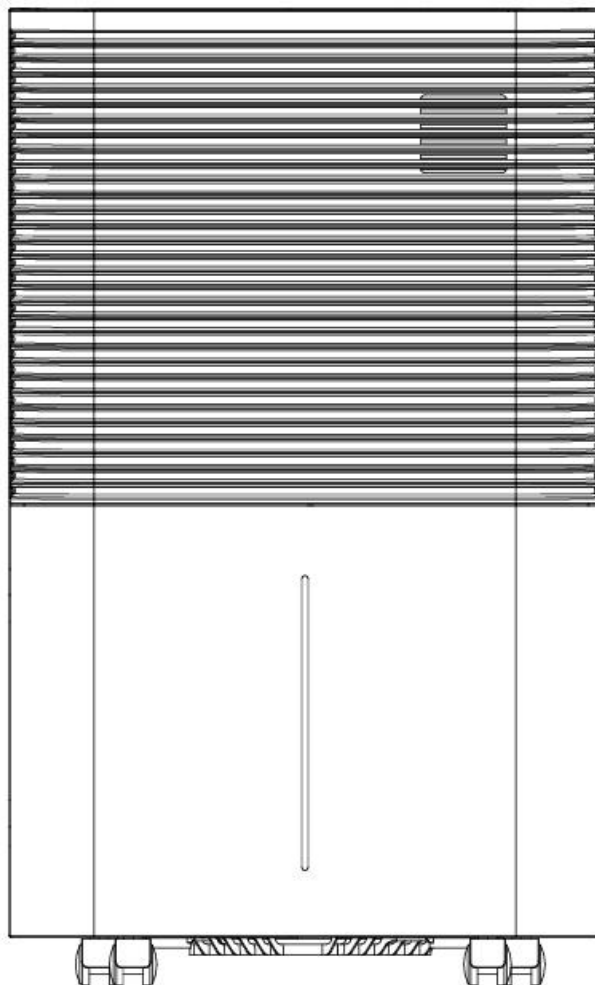


INSTRUCTION MANUAL

DEHUMIDIFIER



Item NO:D4229B

Applicable Model:OL20D-D029B

Please keep this manual carefully for further reference!

Thank you for selecting our dehumidifier. Be sure to read this manual carefully before using it. Any questions, please contact the professional service for help.

1. BEFORE YOU BEGIN

Please read the operating instructions carefully before using your dehumidifier for the first time.

1.1 PRODUCT DESCRIPTION

The dehumidifier is used to remove excessive moisture from the air. The resulting reduction in relative humidity protects buildings and their contents from the adverse effects of excess humidity.

2. FOR YOUR SAFETY

Your safety is the most important thing we are concerned about!




Please read this manual carefully and fully understand it before operating your dehumidifier.


2.1 OPERATIONAL PRECAUTIONS

WARNING- to reduce the risk of fire, electric shock or injury to persons or property:

- 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 appliance shall be disconnected from its power source during maintenance.
- Always operate the unit from a power source of equal voltage, frequency and rating as indicated on the product identification plate.
- Always use a power outlet that is grounded.
- Unplug the power cord when cleaning the machine or not using it.
- Do not operate with wet hands. Prevent water from spilling onto the unit.
- Do not immerse or expose the unit to rain, moisture or any other liquid.
- Do not leave the unit running unattended. Do not tilt or turn over the unit.
- Do not unplug while the unit is operating.
- Do not unplug by pulling on the power cord.
- Do not use an extension cord or an adapter plug.

- Do not put objects on the unit.
- Do not climb or sit on the unit.
- Do not insert fingers or other objects into the air outlet.
- Do not touch the air inlet or the aluminum fins of the unit.
- Do not operate the unit if it is dropped, damaged or showing signs of product malfunction.
- Do not clean the appliance with any chemicals.
- Ensure the unit is far away from fire, inflammable, or explosive objects.
- The unit shall be installed in accordance with national wiring regulations.
- Do not use means to accelerate the defrosting process or cleaning, other than those recommended by the manufacturer.
- The appliance shall be stored in a room without continuous operation sources (for example: open flames, an operating gas appliance or an operating electric heater).
- The appliance shall be stored so as to prevent mechanical damage from occurring.
- Do not burn, even after use.
- Be aware that refrigerants may not contain an odour.
- Compliance with national gas regulations shall be observed.
- Keep any required ventilation openings clear of obstruction.

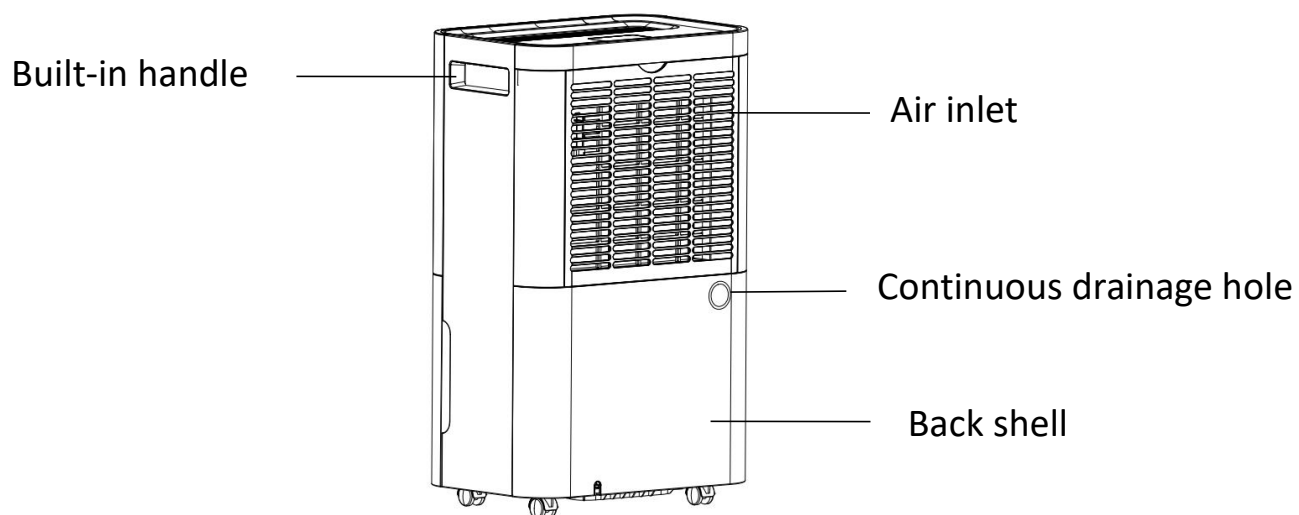
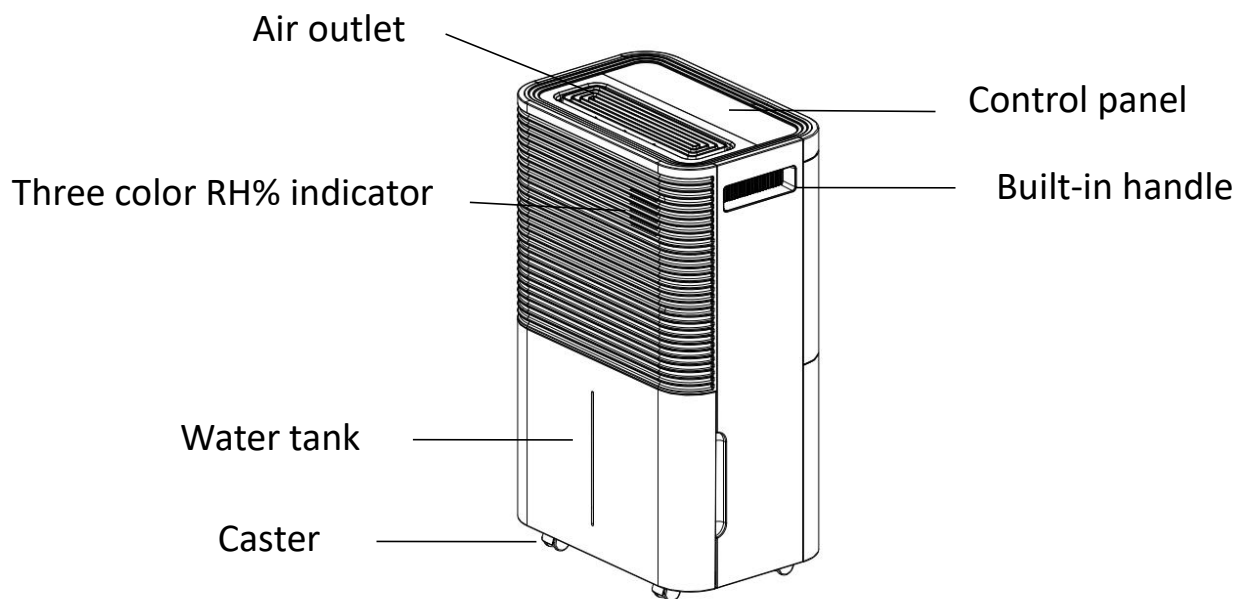
 Any person who is involved with working on or breaking into a refrigerant circuit should hold a currently valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safely in accordance with industry, recognized assessment specification.

 Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants.

If you don't understand something or need help, please contact the dealer services.

3. PRODUCT OVERVIEW

3.1 FRONT AND BACK VIEW



3.2 FEATURES

- Powerful moisture removal
- Humidity Monitor shows current air humidity
- Auto mode automatically adjusts humidity levels
- A 24-hour timer to set the time of operation
- Effectively removes moisture, dust from the air
- Low power consumption-energy efficient
- Quiet fan has two speed settings
- Auto-Defrost at low temperature
- Auto shut-off/ auto restart
- Electronic control
- Laundry drying function
- Independent air purification function
- Continuous drainage and 4.0L water tank

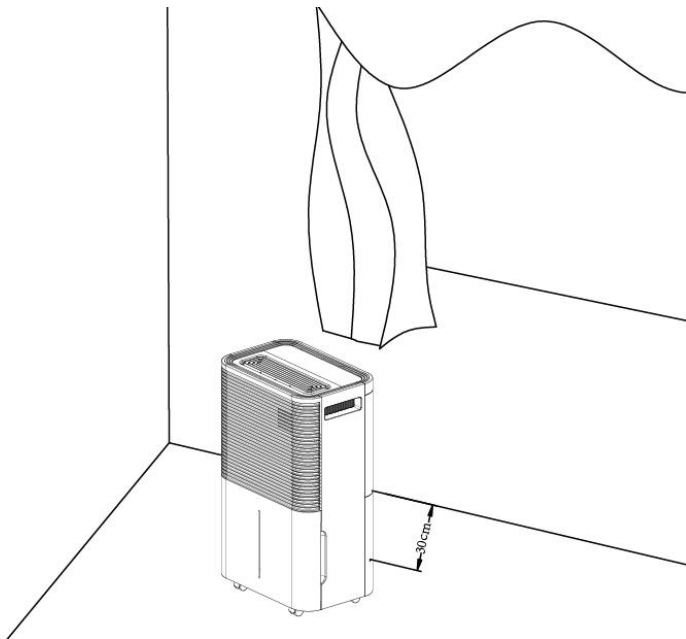
4. PARAMETERS

Model No.	OL20D-D029B
Power Supply	AC115V/60Hz
Rated Input Current	2.7A
Dehumidify Capacity	15Pints/Day@65°F ,60%RH
Dehumidify Capacity	45Pints/Day @86°F ,80%RH
Noise	≤48dB(A)
Full Water Quantity	4.0L
Refrigerant /Charge	R134a/4.94oz
Recommend Room Size	161-269 sq.ft
Body Size	14.0 x 9.3x 22.7 in
Net Weight	15.7kg/34.6 lbs

5. INSTALLATION

5.1 LOCATION

1. Place the unit on a firm, level surface in an area with at least 30cm of free space around it to allow for proper air circulation.
2. Never install the unit where it could be subject to:
 - Heat sources such as radiators, heat registers, stoves or other products that produce heat.
 - In an area where oil or water may be splashed
 - Direct sunlight
 - Mechanical vibration or shock
 - Excessive dust
 - Lack of ventilation, such as cabinet or bookcase
 - Uneven surface



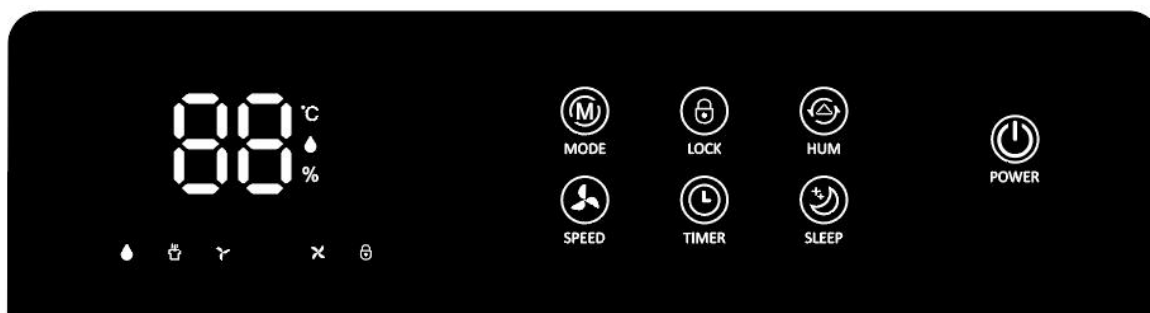
5.2 OPERATING THE DEVICE SAFELY

- Check the device after unpacking for any damages or scratches on it.
- Operate this unit in an ambient temperature from 41°F to 100°F.
- Do not use it outdoors. This dehumidifier is intended for indoor residential applications only.
- Do not operate in close proximity to walls, curtains, or other objects that may block inlet and outlet.

- Keep the air inlet and outlet free of obstacles.
- Adjusting the wind deflector in the upward direction before starting up.
- If tipped more than 45°, allow the unit to set upright for at least 24 hours before start up.
- Keep doors and windows close for better energy saving.
- Do not operate or store the unit in direct sunlight or rain.
- It is normal for air outlet to feel warm to touch after continuous operation on hot days.
- Empty the water tank before moving the device.
- Make sure the Water tank is correctly fitted otherwise the unit will not operate properly.
- The dehumidifier starts up in the mode selected when the unit was last used.
- The dehumidifier starts dehumidifying if the room humidity is 3% higher than the selected humidity.
- There is a protective 3-minutes time delay of the compressor. Wait 3 minutes for the dehumidifier to resume dehumidification.

6. OPERATION

6.1 CONTROL PANEL



6.2 SETTINGS



Power button

Press POWER key to switch the machine on and off.



Humidity button

In the automatic mode, you can operate this button. Each time you operate

the button, the target humidity will increase by 5%, and the cycle will be 30% to 80%; hold this button for 3 seconds, and the display screen will show ambient temperature.



Child lock

When the machine is running, press and hold this button for 3 seconds to open the child-lock function, the indicator light will be on and you can not operate other buttons except this one. Press and hold this button for 3 seconds again to close the child-lock function, the indicator light will be off.



Timer button

Press the timer button to set the 1-24 hour timing function. Each time you press this button, the value increases 1 hour, the value displayed on the "88" display screen.

In the running state, use the timer function to "turn off the machine regularly".

In the standby state, use the timer function to "turn on the machine regularly".

Set the time to "00" to cancel the timing function.



Speed button

In automatic mode, the fan speed can only be adjusted with high/low two speeds.



Mode button

Press the mode key to switch between automatic and drying mode.

Automatic mode: adjustable humidity, adjustable fan speed.

Drying mode: The compressor keep working without controlling by humidity; Fan works at high speed (fan speed and humidity are not adjustable).



Sleep

Touch the sleep button to activate the sleep function. The fan speed will default to low speed and cannot be adjusted in this mode, the default set humidity is RH60% and cannot be adjusted. The lights of sleep button and power button will darken and other lights will go out.

6.3 SETTINGS INDICATOR LIGHT



Power indicator light

When the power cord is connected to the power supply, press this button and the indicator lights up.

When the power indicator flashes, means the machine is defrosting.

Mode button indicator light



When you set the mode to auto mode, the auto mode indicator lights up.



When you set the mode to dry mode, the dry mode indicator lights up.

Wind speed indicator light



When you set the wind speed to low, the low wind indicator lights up.



When you set the wind speed to high, the high wind indicator lights up.

Child lock indicator light



Turn on the child lock mode, child lock indicator light is on.

Water full indicator light



When the water tank is full of water, the indicator light up and there is an alarm sound to remind the user that the water is full. The unit will stop working automatically when the tank is full.

6.4 SETTINGS INDICATOR LIGHT

- | | |
|-----------------------|------|
| 1. Water Pipe | 1pcs |
| 2. Instruction manual | 1pcs |

7. MAINTENANCE

7.1 DRAINAGE

There are two ways of removing collected water produced by the unit.

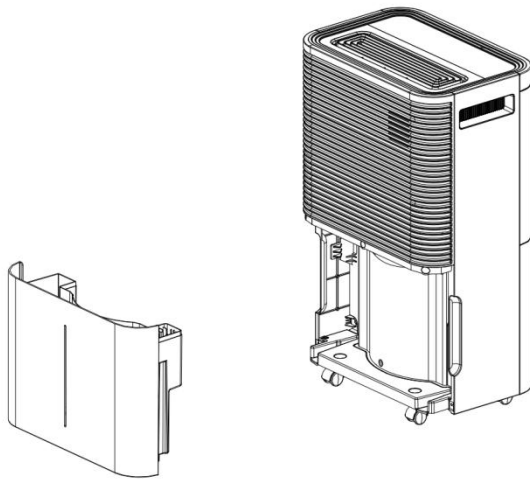
A. Manual draining: Empty the water tank manually.

B. Continuous draining: Use gravity to drain condensate water by attaching a drain hose.

7.1.1 EMPTYING THE WATER TANK

The water tank built into the unit will fill up and shut the unit down once it is full. It will run again once you empty the water tank and installed it properly.

- When the tank is full, The unit will make a buzzing sound, and the “Water Full” light will turn on.
- Press the POWER button to turn off the unit.
- Pull on the water tank and simply slide out of the body of the dehumidifier.
- Empty the water into an area with a drain or outside.
- Clean the inside of the tank as well as the outside.
- Replace the empty tank back into the unit.
- Press the POWER button to resume operating.
- If the Water Full light does not extinguish, check that the float is correctly in place.

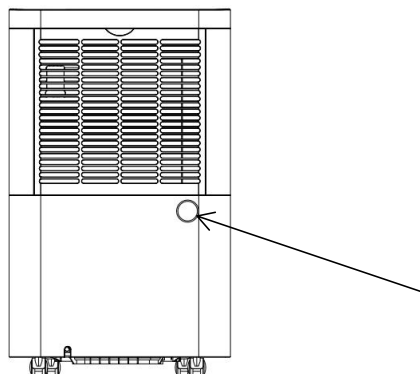


7.1.2 CONTINUOUS DRAINING

For continuous operation or unattended dehumidification, please connect the attached drain hose to the unit. Condensate water can automatically flow into a bucket or drain by gravity.

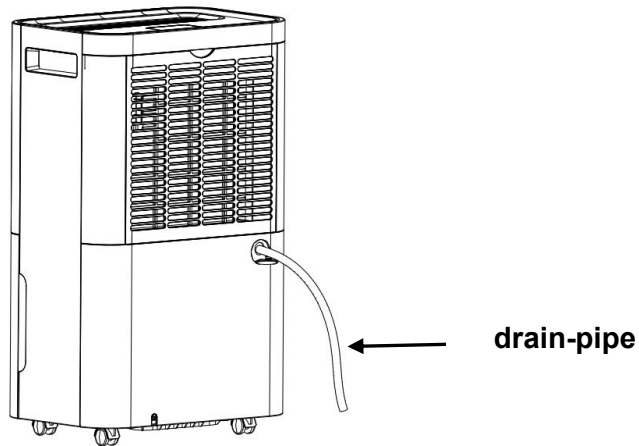
- Set the unit on a horizontal surface and stable position.
- Switch off the unit before operating.

Remove the plug of the water outlet opening, and keep it in a safe area.



- Securely and properly connect the drain hose and make sure it is not kinked and clear of obstruction.
- Place the outlet of the 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 the water; otherwise it can cause "Air Lock" in the hose.



7.2 To avoid water spillage:

- As the negative pressure of the condensate drain pan is large, tilt the drain hose down toward the floor. It is appropriate that the degree of inclination should exceed 20 degrees.

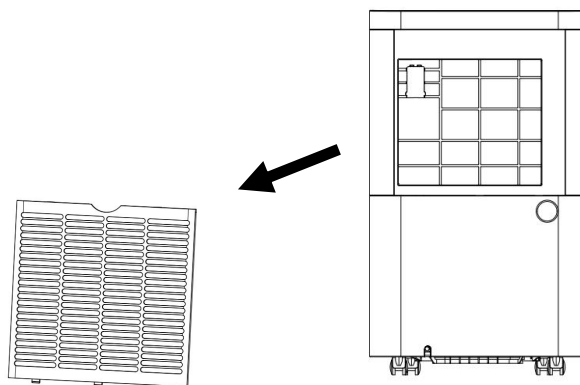
Straighten the hose to avoid a trap existing in the hose.

• **CLEANING THE AIR FILTER** (every two weeks)

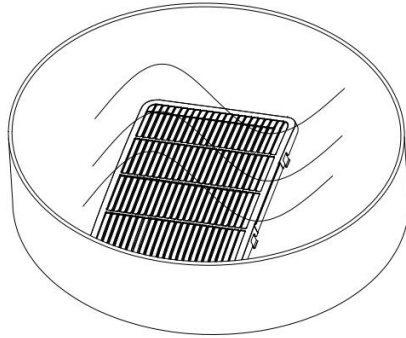
Dust collects on the filter and restricts the airflow. The restricted airflow reduces the efficiency of the system and if it becomes blocked it can cause damage to the unit.

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.

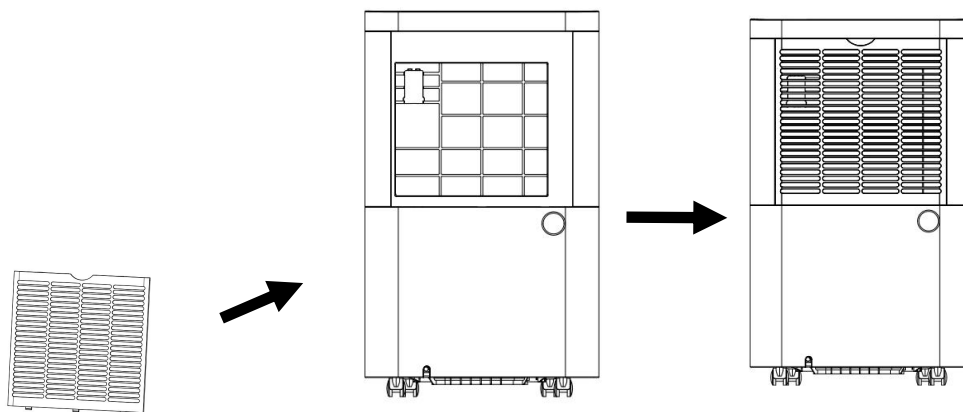
1. Remove the filter frame and take off the filter.



2 .Soak the strainer in warm water at about 40 degrees Celsius. Rinse gently with a neutral detergent.
Use the vacuum cleaner's brush to gently remove dust from the screen.



3.Put the filter back.



8.TROUBLE SHOOTING

1. FUNCTIONING TEMP.

$41^{\circ}\text{F} \leq \text{Ambient Temp.} \leq 100^{\circ}\text{F}$

When the ambient temp is lower or higher than the functioning temp, the dehumidifier stops.

When $41^{\circ}\text{F} \leq \text{Ambient temp.} \leq 60.8^{\circ}\text{F}$, the compressor automatically defrosts at intervals; during defrosting, the compressor stops and the fan keeps running.

2.BEFORE CALLING FOR SERVICE

Before contacting professional service, please review the trouble shooting list that includes common occurrences that are not the result of a defect in workmanship or materials.

Problem	Possible Cause	Solution
Not working	No power supply	Connect to a functioning outlet and switch on
	Water Full Indication Flashes	Drain water tank and reset it, or re-position the water tank to right place
	Room temperature $<41^{\circ}\text{F}$, or $> 100^{\circ}\text{F}$	Self-Protection is designed to protect the unit. Can not work under such temperature
Bad functioning	Is the air filter clogged?	Clean the air filter as instructed
	Is the intake duct or discharge duct obstructed?	Remove the obstruction from the discharge duct or intake duct.
No air intake	Is the filter clogged?	Wash the filter
Loud noise when running	Is the machine put in the plat place?	Put the machine on the plat ground
	Is the filter clogged?	Wash the filter
E2	Humidity sensor problem	Change a sensor
LO	Environmental humidity is below 20%	The dehumidifier shuts down for self-protection.
HI	Environmental humidity is above 90%	
CL	Low-temperature protection, the environmental temperature $<41^{\circ}\text{F}$	
CH	High-temperature protection, the environmental temperature $> 100^{\circ}\text{F}$	

9. DECOMMISSIONING

9.1 STORAGE

Long-term storage - If you will not be using the unit for an extended period of time (more than a few weeks) it is best to clean the unit and dry it out completely. Please store the unit per the following steps:

1. Press the power button to switch off and unplug the unit.
2. Drain the remaining water from the unit.
3. Clean the filter and let the filter dry completely in a shaded area.
4. Collect the power cord at the water tank.
5. Re-install the filter at its position.
6. The unit must be kept in an upright position when in storage.
7. Preserve the machine in a ventilating, dry, non- corrosive gas and safe place indoors.

ATTENTION:

The evaporator inside the machine has to be dried out before the unit is packed to avoid component damage and molds. Unplug the unit and place it in a dry open area for days to dry it out. Another way to dry the unit is to set the humidity point more than 5% higher than the ambient humidity to force the fan to dry the evaporator for a couple of hours.

9.2 DISPOSAL

WARNING!!!

Releasing refrigerant into the atmosphere is strictly forbidden!

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.



Thank you for purchasing this product! If you have any questions about the product, such as missing parts, damaged products, product assembling, and operation, please contact us via **Amazon Message** or customer service number: **213-4467172 or 661-4358826**.

IMPORTANT

Please call our customer service department for any consulting:

213-4467172

661-4358826

(8:30am - 5:30pm P.S.T.)

DATED PROOF OF PURCHASE IS REQUIRED FOR WARRANTY SERVICE.

AVIS

Veuillez appeler le service à la clientèle pour toutes questions au:

213-4467172

661-4358826

(8:30am - 5:30pm P.S.T.)

PREUVE D'ACHAT ORIGINALE REQUISE POUR SERVICE DE GARANTIE.

IMPORTANTE

Sólo hay que llamar nuestro departamento de servicio al cliente en caso de tener preguntas o inquietudes:

213-4467172

661-4358826

(8:30am - 5:30pm P.S.T.)

SE REQUIERE PRUEBA DE COMPRA CON FECHA PARA SERVICIO BAJO GARANTÍA.

**Address: ROWAN ELECTRIC APPLIANCE LLC
28407 Ascent Way, Santa Clarita, CA 91350
Phone: 213-4467172 or 661-4358826**