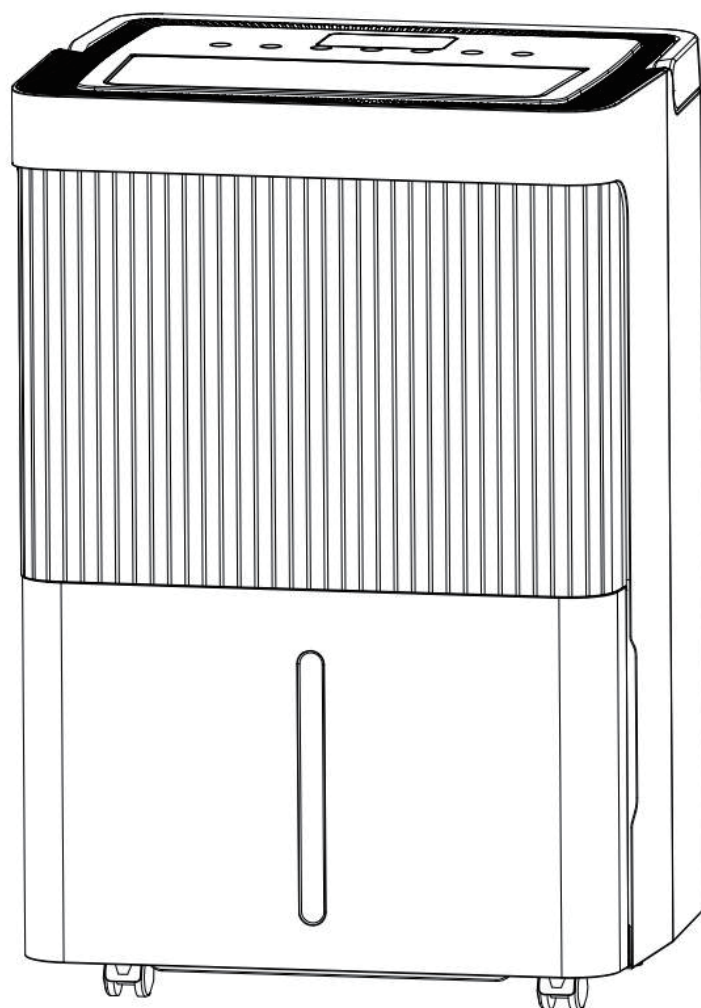


# DEHUMIDIFIER INSTRUCTION MANUAL



**MODEL NO.: OL22-D076DDN3B1/E**

**ITEM NO.: D4250-WHITE**

**MODEL NO.: OL35-D076DDN3B1/E**

**ITEM NO.: D4280-WHITE**

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 question, please contact the professional service for help.  
Phone: 213-4467172 or 661-4358826




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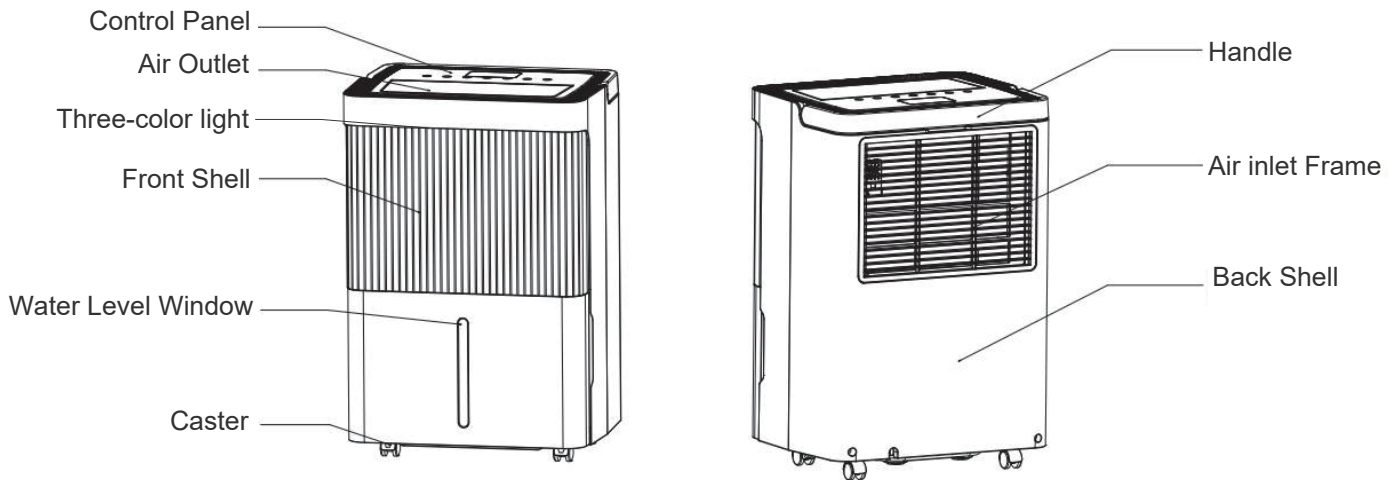
## Warning & cautions

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

1. Install the unit on flat and hard floor to diminish vibration or noise.
2. Never immerse the unit in water or other liquids.
3. Never operate the unit if the cable or other connector is damaged. If something abnormal happens, please call customer service for help.
4. Disconnect the unit from power supply when not in use, or before relocated or cleaned.
5. Operate the unit only at the voltage specified.
6. The unit is for indoor use only. Don't use it for other purpose.
7. Do not put heavy objects on the appliance.
8. Do not tip the unit to any side as spilt water could damage the appliance.
9. Never insert any other object into the unit body to avoid any hazard or unit failure.
10. Do not put the unit close to heat-generating devices or flammable and dangerous material.
11. This appliance is not intended for use by persons (including children) with reduced physical, sensory 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.
12. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
13. The appliance must be positioned so that the plug is accessible.
14. The appliance shall be installed in accordance with national wiring regulations.
15. The ambient temperature range for the appliance is 41-95°F.

 **Don't try to repair, dismantle or remold such appliance, or it may make damage.**  
**The change of power cord should be done by special qualified person.**

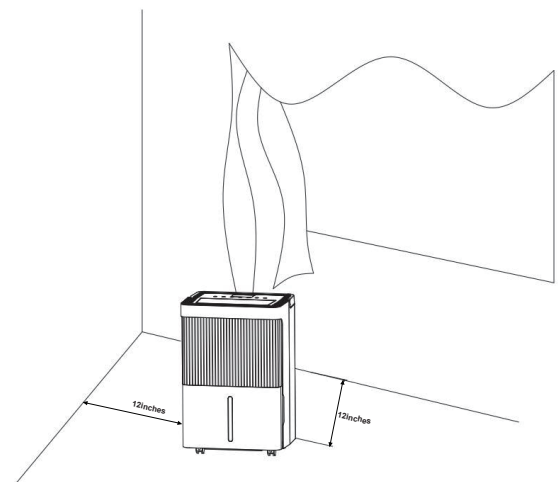
## Product Overview



## Installation

### ● Location

1. Place the unit on a firm, level surface in an area with at least 12 inches of free space around it to allow for proper air circulation.
2. Never install the unit where it could be subjected 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





## **WARNING**

Install the unit in the rooms which exceed 43 sq.ft

Do not install the unit in a place where inflammable gas may leak.



## **NOTE**

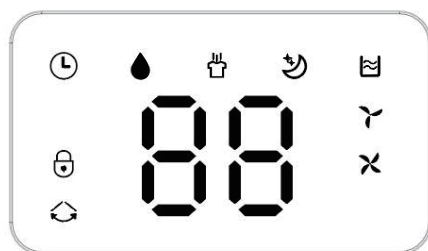
The manufacturer may provide other suitable example or additional information about the refrigerant odour.

- **Operate The Device Safely**
- Check the device after unpacking for any damage or scratches on it.
- Operate this unit in an ambient temperature from 41-95°F.
- Do not use 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.
- Adjust the wind deflector in the upward direction prior to starting up.
- If tipped more than 45°, allow the unit to set upright for at least 24 hours before starting up.
- Keep doors and windows closed 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-minute time delay of the compressor. Wait 3 minutes for the dehumidifier to resume dehumidification.

## Operation

### ● Display Screen & Control Panel



LOCK



SWING



TIMER



FAN



HUM



MODE



POWER



**POWER**

When using for the first time, press the POWER button to turn on the machine, the running indicator lights up and the default fan speed is high, and the default humidity setting is 50%. When the machine is running, press the POWER button to turn off. Meantime, the running indicator light goes off, the compressor and motor will stop.



**MODE**

Press the MODE button to switch between Auto mode and Continuously dehumidify mode, and the corresponding indicator will light up.


💧 **Auto mode:** when environmental humidity  $\geq$  set humidity +3%, the fan starts working and compressor starts working after 3 seconds. When environmental humidity  $\leq$  set humidity -3%, the compressor stops working and fan stops working after 30 seconds' delay.

Both fan speed and humidity setting can be adjusted under Auto mode.

🏠 **Continuously dehumidify mode:** In this mode, the machine will continue to run in high fan speed. Fan speed is adjustable, but humidity setting can not be adjusted.

🌙 **Sleep mode:** Long press the Mode button to turn on sleep function. In sleep mode, only the sleep mode indicator, fan speed indicator, and humidity display are on.



In Sleep mode, when the water tank is full, the machine will not alarm, but the Water Full indicator  will be on (red color) to remind that the water tank is full and you need to empty the water tank.



### **TIMER**

Press the TIMER button to set/ check/ cancel timing.

Press the TIMER button to enter the timing setting state. The timer indicator is on. The number on digital screen flashes to display the timing time. You can press HUM button to adjust the time (0~24h) you want to set. After setting up, the number will flash for 5 seconds and then turn to display the humidity. Press the TIMER button to set time again or to check the preset timing time. If you want to cancel the timer, press the TIMER button again to exit the timing setting state.



### **FAN**

Press this button to switch the fan speed between high and low fan speed cycle, and the corresponding indicator light will be on.



### **HUM**

Press this button to set humidity and timing time .

Each press of the button increases the setting humidity by 5%. The humidity adjustment range will cycle from 30% to 80%.

Each press of the button increases the time by 1 hour. The timing range is 00-24 hour .



### **LOCK**

Press and hold this button for 3 seconds to open the child-lock function, the indicator 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 will be off.



### **SWING**

Press the SWING button to turn on the swing function, and press again to fix wind direction.

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### **Three-color light**

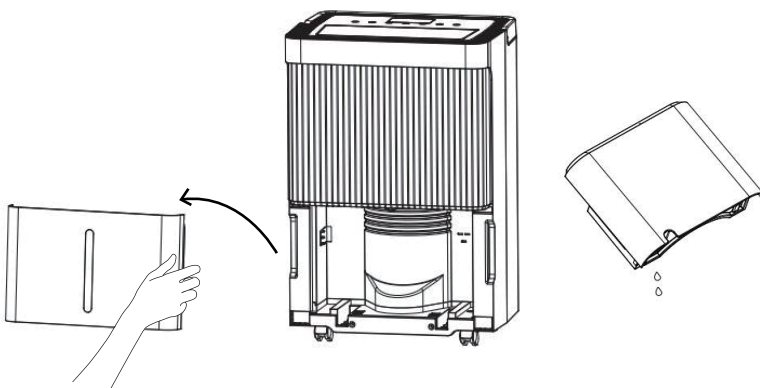
Under the startup state, the three-color light indicates three levels of the current ambient humidity, as shown below:

- a) When the ambient humidity  $< 45\%$ , the three-color light displays blue.
- b) When  $45\% \leq \text{ambient humidity} \leq 65\%$ , the three-color light displays green.
- c) When the ambient humidity  $> 65\%$ , the three-color light will display red (it will also show red when fault occurs).

### **Auto defrost function**

When the ambient temperature  $\leq 72^{\circ}\text{F}$ , the whole machine enters the auto defrost mode. The corresponding mode indicator flashes during defrosting. Compressor stops working while defrost.

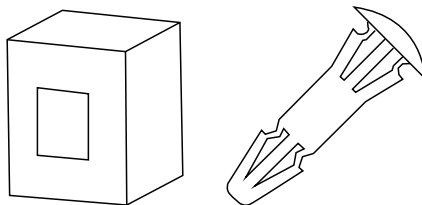
- **Drainage**
- When the tank is full, the unit will make a buzzing sound and the screen will show "FL" and the Water Full indicator will turn on.
- Press the POWER button to turn off the unit.
- Pull on the water tank and simply slide out of the body of the dehumidifier.
- Empty the water into an area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





## Warning

1. Do not discard water tank magnets and plastic rivets. Otherwise, the machine will not automatically stop working when the water tank is full and the condensed water will overflow and damage the floor of the room.



2. Please be sure to clean the condensed water in the water tank before resetting the working mode of the machine.

3. If the water tank is dirty, rinse it with clean water. Avoid using detergents, steel balls, chemical dust removers, diesel oil, benzene, diluent or other solvents. Otherwise, the water tank will be damaged and leak.

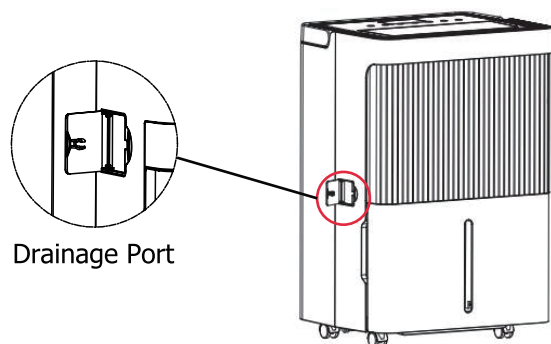
4. Replace the empty tank into the unit. Otherwise, the Water Full indicator may remain red and the machine cannot restart.

### ● Continuous Draining

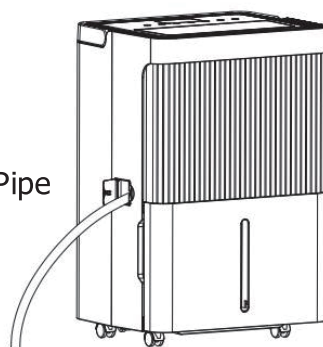
For continuous or unattended dehumidification, please connect the attached drain hose to the unit. Condensed water can automatically flow into a bucket or drain by gravity.

1. Straighten the drainage pipe .

2. Insert one end of the drain into the cistern hole and connect the other end to the bathroom, outdoor or bucket like container, or the prescribed drainage area.



Drainage Pipe



**Note:** Preinsert the drainage pipe into the drainage port, pull the water tank out, then secure the joint through the inside of the water tank.



## Warning

1. Please do not block the drain or drainage pipe. If there is a blockage , condensed water will flow into the water tank.

2. Please do not bend the drainage pipe. The height of the drainage pipe should be lower than the outlet.

3. The drainage pipe shall be securely connected to the outlet.

## Maintenance & Storage

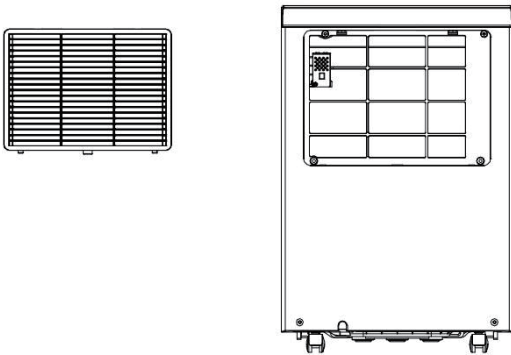
**Note:** Before cleaning and maintaining the machine, be sure to turn off the machine and pull the power plug out to prevent electric shock.

- **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 is blocked, it can cause damage to the unit.

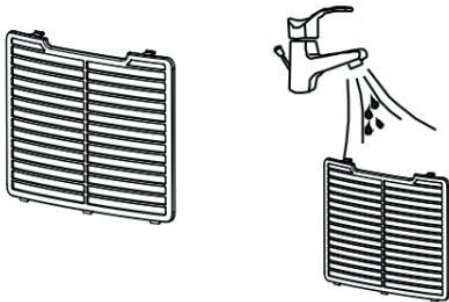
The air filter requires regular cleaning. The air filter is removable for easy cleaning. Do not operate the unit without an air filter, or the evaporator may be contaminated.

1. Take the water tank from the body, and then pull out the filter from the top of the rear shell;

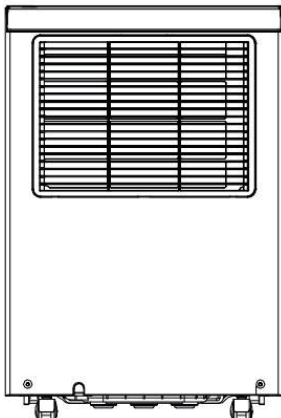


2. Use a vacuum cleaner to gently absorb the dust on the surface.

If the filter is very dirty, wash it with water and a soft detergent and dry it thoroughly afterwards.



3. Put the filter back.



## • Storage

Long-term storage - If you will not use 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 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 .
5. Reinstall the filter back into position.
6. The unit must be kept in upright position when in storage.
7. Preserving the machine indoors in a ventilating, dry, non-corrosive gas and safe place.

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.

## • Disposal



Releasing refrigerant into atmosphere is strictly forbidden!

Do not dispose of electrical appliances as unsorted municipal waste and 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.



## Troubleshooting

### 1. FUNCTIONING TEMP.

41°F ≤ Ambient Temp. ≤ 95°F

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

When 41°F ≤ Ambient temp. ≤ 61°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 troubleshooting list that includes common occurrences that are not the result of a defect in workmanship or material.

Problem	Possible Cause	Solution
Not working	No power supply	Connect to a functioning outlet and switch on.
	Water Full indicator flashes	Drain water tank and reset it, or reposition the water tank to right place.
	Room temperature <41°F, or > 95°F	Self-protection designed to protect the unit. Can't work under such temperature.
Bad functioning	The filter clogged	Clean the air filter as instructed.
	The intake duct or discharge duct obstructed	Remove the obstruction from the intake duct or discharge duct.
No air intake	The filter clogged	Clean the air filter as instructed.
Loud noise when running	The machine is put in the uneven place	Put the machine on the even surface
	The filter clogged	Clean the air filter as instructed.
"E1" displayed on screen	Ambient temperature and humidity sensor problem	Change a sensor
"E2" displayed on screen	The defrosting sensor is faulty	Change a sensor
"FL" displayed on screen	Water full protection	Drain the water in the tank in time
If the ambient humidity is too low, or the ambient temperature is too high or too low, there will be no error code. The machine will work abnormally.		

Thank you for purchasing this product! If you have any question about the product, such as missing parts, damaged products, product assembling, and operation, please contact us via 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.**  
**750S. Valley View Avenue, San Bernardino, CA 92408**  
**Phone: 213-4467172 or 661-4358826**

