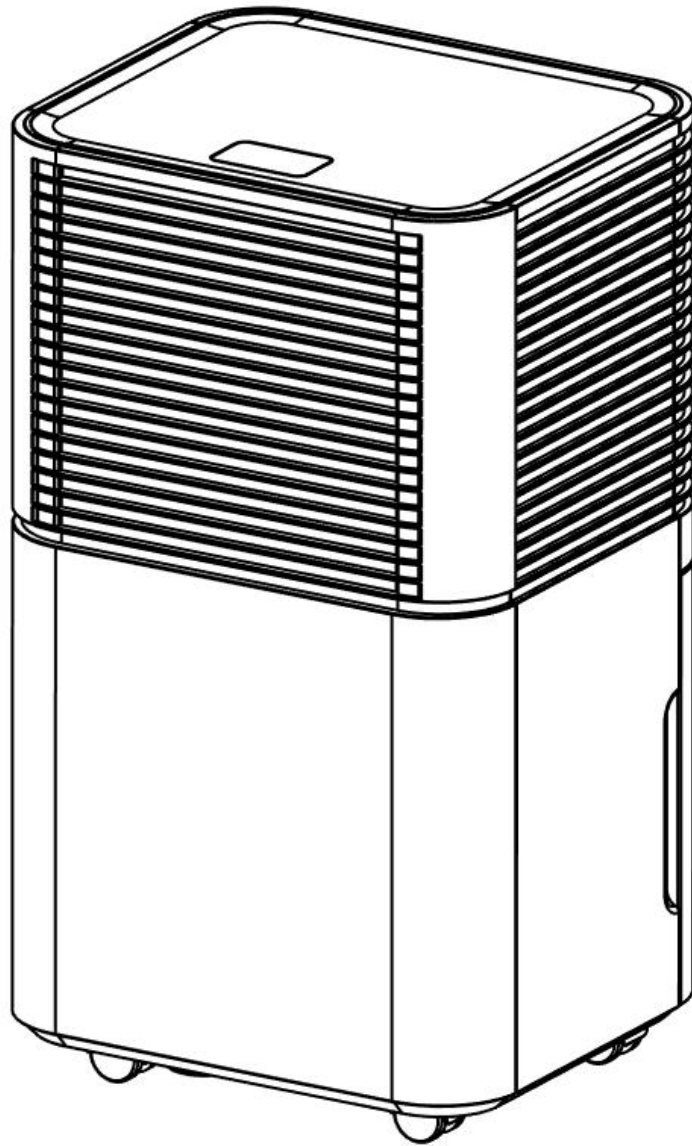


# INSTRUCTION MANUAL



OL12D-D031B

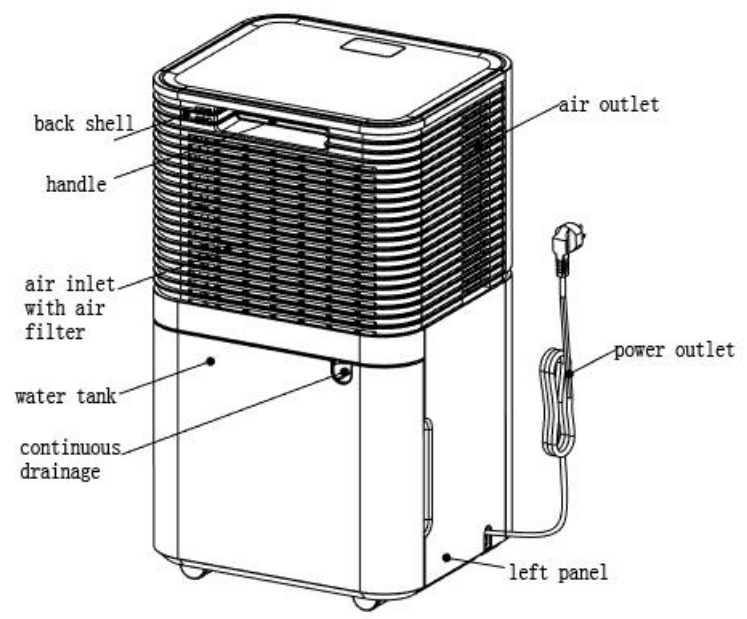
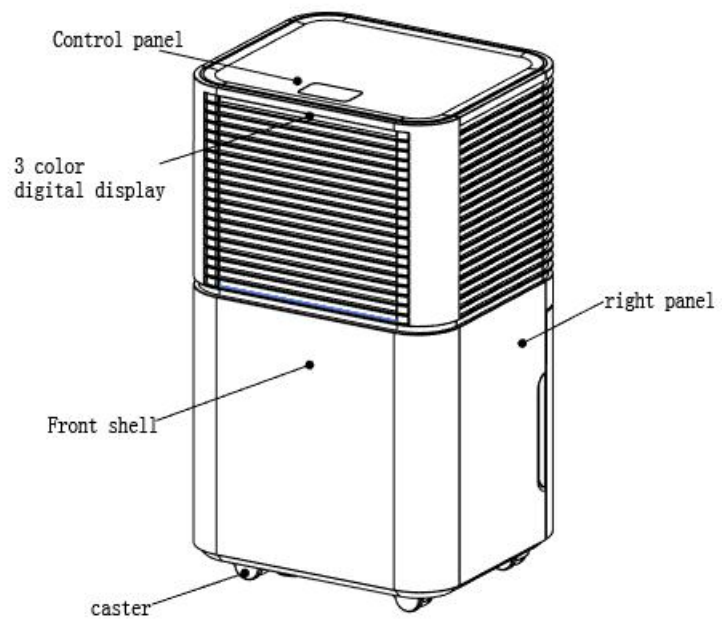
Please read this manual before operating and save it for future reference. You are covered with 1-year free warranty offered by HUMILABS that is automatically valid from the date of purchase. To extend the warranty or express any questions or concerns, please email HUMILABS at [humilabs@outlook.com](mailto:humilabs@outlook.com)

## 1.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, or something abnormal may happen, please call customer service for help.
4. Disconnect the unit from power supply when it is not in use, or before relocating or cleaning it.
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 spilled water may 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 near flammable and dangerous materials.
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°F -95°F.

## 2. PRODUCT OVERVIEW

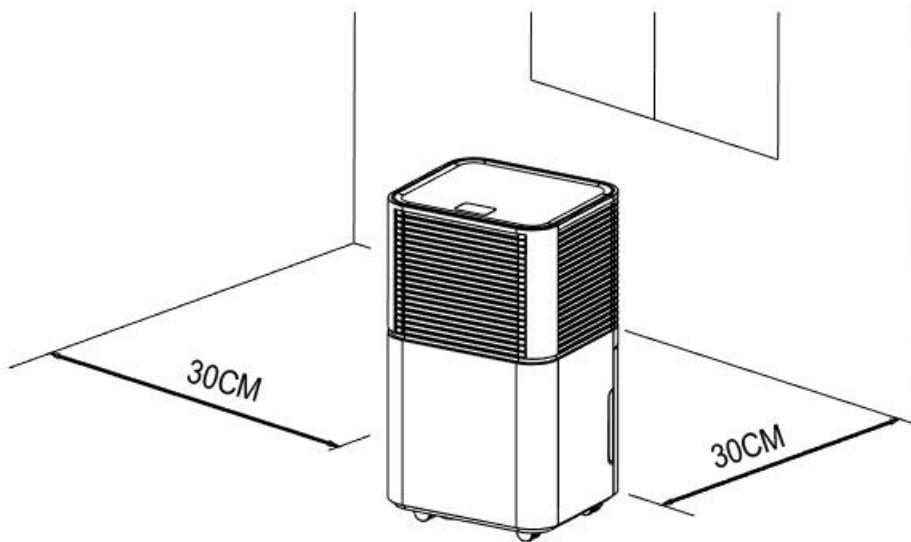


### 3.SPECIFICATIONS

MODEL	OL12D-D031B
Dehumidification Capacity	30Pints/D(95°F /90%RH) 25Pints/D(86°F /80%RH) 9Pints/D(65°F /60%RH)
Rated Voltage	115V~60Hz
Noise	≤38dB(A)
Water Tank Capacity	68oz.
Net weight	23lbs
Minimum Room size	300~2000sq ft
Dimension	9.8*8.7*17.5 inches
Functioning Temp Range	41°F -95°F

## 4. INSTALLATION

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



### WARNING

Install the appliance in rooms whose areas exceed 43 ft<sup>2</sup>.

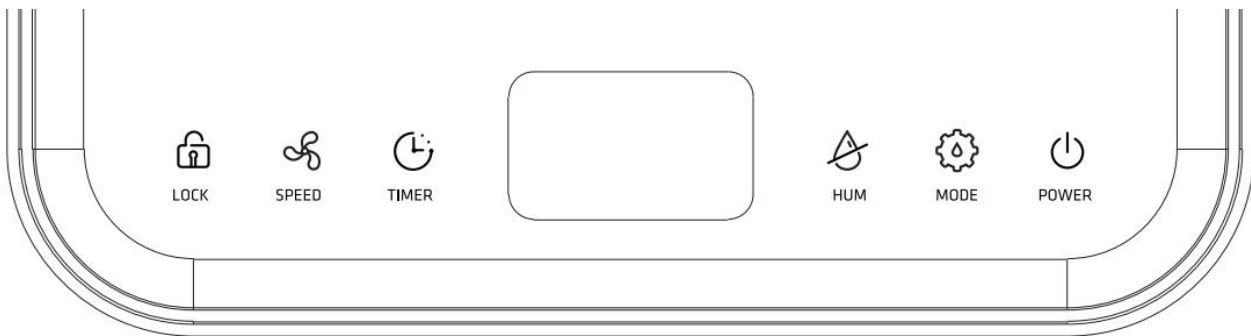


### NOTE

The manufacturer may provide other suitable examples or additional information regarding the refrigerant odor.

## 5. OPERATION

### CONTROL PANEL



#### POWER

After switching the power on, all the indicators and the screen will be on for 1 second and then off. After a buzzer, the power indicator will be on and the appliance will be in the standby mode.

Press this button, the appliance will start to operate in the default automatic mode and conduct high wind operation, with the initial humidity being 50%RH.

Press this button again, the appliance will stop operating, and the fan will close with a delay.



#### MODE

Auto mode - continuously drying mode - sleep mode cycle: press this button to switch between the modes, with the corresponding indicator lighting up.

##### ● Auto mode:

- When environmental humidity  $\geq$  set humidity +3%, the fan begins working immediately, and the compressor begins working after 3 seconds.


- When environmental humidity  $\leq$  set humidity -3%, the compressor stops working and the fan shuts down after a delay.

- Both fan speed and humidity are adjustable.

##### ● Continuously drying mode:

- The appliance continues to operate with an unadjustable humidity level.

##### ● Sleep mode:

- Touch the mode button, the sleep indicator  lights up and it starts the sleep function. Press MODE button one time to close sleep function.

- After 10 seconds of null operation in sleep mode, all indicators turn dark gradually and the wind speed is automatically switched from high to low. Touch any button to awaken the indicator.

- The fault code is not displayed, the wind speed and humidity can not be adjusted.



HUM

In auto mode or sleep mode, press this button to adjust the set humidity: every time the button is pressed, the set humidity increases by 5% within the range of 30%-80%.

Long press of this button shows the current room temperature that is displayed in **double eight lights** for 5 seconds, after which the screen automatically returns to display the current humidity. If continuously pressing this button, the room temperature will be unceasingly shown.



TIMER

Press this key to set the timer function of 1-24 hours. The interval is 1 hour. Each time you press this button, the value increases 1 hour and then the corresponding timing value is displayed on the screen. The setting value is "00" to cancel the timer function, The indicator turns out. After the timer is set and completed, the timer LED is on during the timing period, After the timing is over, the timer LED turns off automatically.

In the non-timing state: press this button to enter the time-setting state, where the digits flash to display the set time; during the flashing period, press the adjustment button (or up and down buttons) to adjust the set time (0 ~ 24h).

In the timing state: press this button to display the remaining set time, and press it during the digit-flashing period to cancel the timing.

In the running state: set the time to turn off the appliance.

In the standby state: set the time to turn on the appliance.



SPEED

The wind speed is only adjustable in auto mode. In sleep mode and defrosting period, the wind speed can not be changed. Press this button to switch between the high and low wind speed shown by the corresponding wind speed indicator.



LOCK

Long press of this button turns on the child lock function and the corresponding child lock indicator lights up, and all buttons are locked and cannot be operated. Another long press of this button turns off

this function and the corresponding indicator, and all buttons resume their functionality.

The child lock function is automatically turned off once the appliance is shut down or the power is off.

### 3 Color Digital Display:

Ambient Humidity < 45%, The light shows Blue


45 ≤ Ambient Humidity ≤ 65% , The light shows Green


Ambient Humidity > 65% , The light shows Red

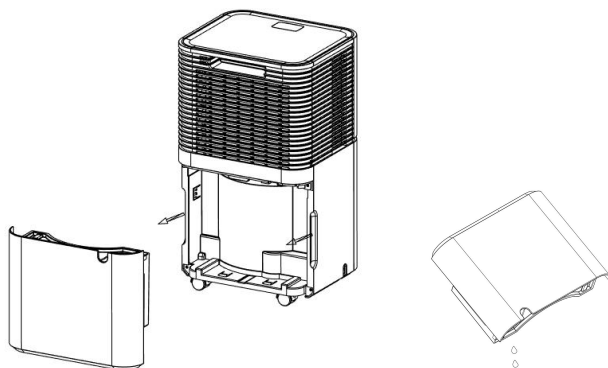
If the LED displays E0, E2, CL, CH, LO, HI, the light will show red.

## 6. DRAINAGE

### EMPTYING THE WATER TANK

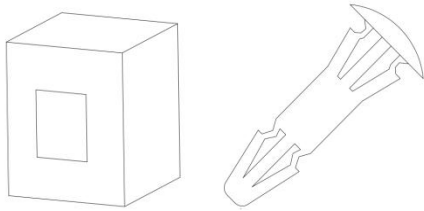
● When the tank is full, the appliance will emit a buzzing sound, and the “” light will get turned on

- Press the POWER button to turn off the appliance.
- Pull on the water tank to simply slide it out of the body of the appliance.
- Dispose the water by pouring it into an area with a drain or outside.
- Clean the inside of the tank as well as the outside.
- Place the empty tank back into the appliance.
- Press the POWER button to resume operation.
- If the “” light does not extinguish, check if the water tank is correctly positioned.



## Warning

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



2. Please clean the condensate in the water tank before resetting the work mode of the appliance.

3. If the water tank is dirty, rinse it with clean water. Avoid using detergents, steel balls, chemical dust removers, diesel oil, benzene, diluents, or other solvents for the cleaning purpose, as they will possibly cause the water tank to be damaged and leak.

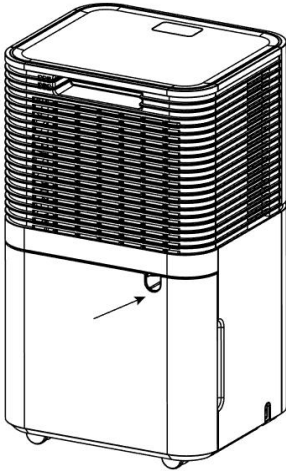
4. Put the empty tank back into the appliance after cleaning. Otherwise, the “Water Full” indicator may remain red and the appliance cannot resume operation.

## 7.CONTINUOUS DRAINING

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

1.Straighten the drainage pipe

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



### Warning

1. Please do not block the drain or drain pipe, otherwise the condensate will flow into the water tank.
2. Please do not bend the drain pipe. The height of the drain pipe should be lower than the outlet.
3. The drain pipe shall be securely connected to the outlet;

## 8.MAINTENANCE

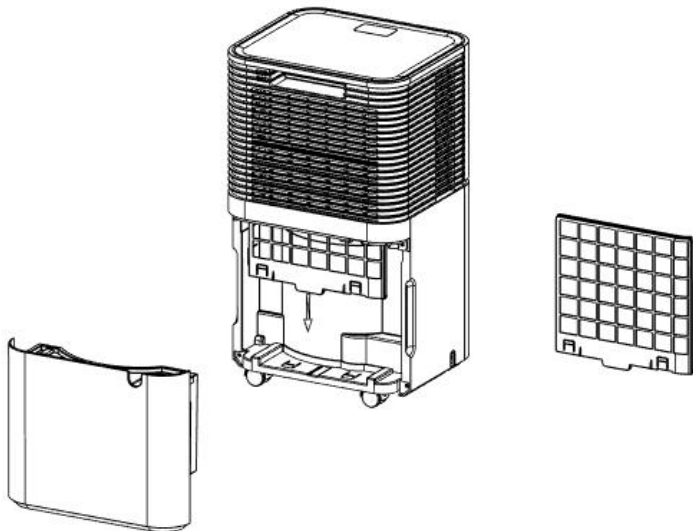
Note: before implementing cleaning and maintenance on the appliance, make sure to turn off the appliance and pull out the power plug to prevent electric shock.

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

Dust collected on the filter restricts airflow, which reduces the efficiency of the dehumidification system and can cause damage to the appliance if the dust blocks the filter.

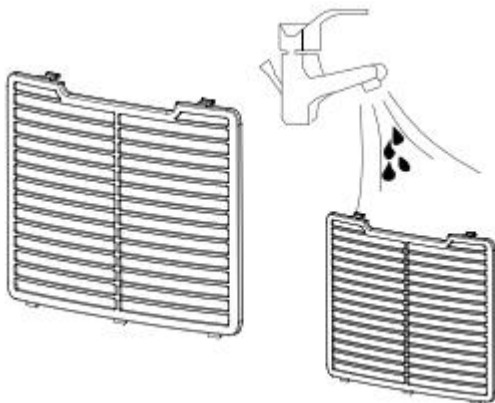
The air filter is removable and requires regular cleaning. Do not operate the appliance without an air filter, as which might cause the evaporator to be contaminated.

1. Take the water tank out of the appliance's body, and then pull out the filter from the bottom of the appliance's rear shell;

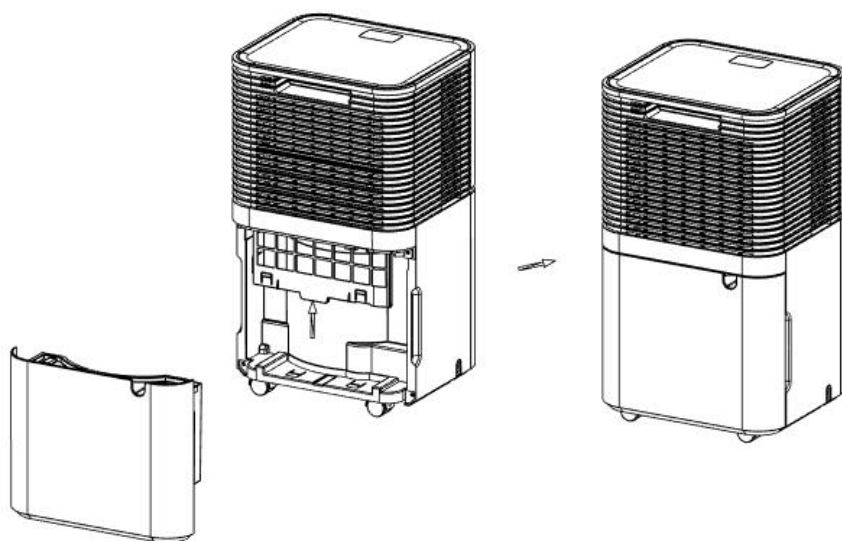


2. Use a vacuum cleaner to gently absorb the dust on the surface.

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



3.Put the filter back.



## 9.TROUBLE SHOOTING

### 1.FUNCTIONING TEMP.

$41^{\circ}\text{F} \leq \text{Ambient temp.} \leq 95^{\circ}\text{F}$

When the ambient temperature is lower or higher than the functioning temperature, the appliance stops operating.

When  $41^{\circ}\text{F} \leq \text{Ambient temp.} \leq 60^{\circ}\text{F}$ , the compressor automatically defrosts at intervals; during defrosting, the compressor stops and the fan keeps operating.

## **2. BEFORE CALLING FOR SERVICE**

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

<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
Not working	No power supply	Connect the appliance to a functioning outlet and switch it on
	“Water Full” indicator flashes	Drain water tank and reset it, or re-position it to the right spot
	Room temperature < 41°F , or > 95°F	Self-Protection designed to protect the appliance. Cannot 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 appliance put on an uneven surface?	Put the appliance on the flat 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 < 5°C	
CH	High temperature protection, the environmental temperature > 35°C	

## 10.DECOMMISSIONING

### STORAGE

Long-term storage - If you are not going to use the appliance for an extended period of time (more than a few weeks), it is the best to clean and dry it completely. Please store the appliance according to the following steps:

1. Press the power button to switch off and unplug the appliance.
2. Drain the remaining water from the appliance.
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 appliance must be kept in an upright position when in storage.
7. Preserving the appliance in a ventilating, dry, corrosive gas-free, and safe indoor space.

### ATTENTION:

The evaporator inside the appliance must be dried before the device is packed to avoid component damage and molds. Unplug the appliance and place it in a dry open area for days to dry it out. Another way to dry the appliance is to set the humidity level more than 5% higher than the ambient humidity to force the fan to dry the evaporator for several hours.

### DISPOSAL

#### WARNING!!!

Releasing refrigerant into the atmosphere is strictly forbidden!

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

