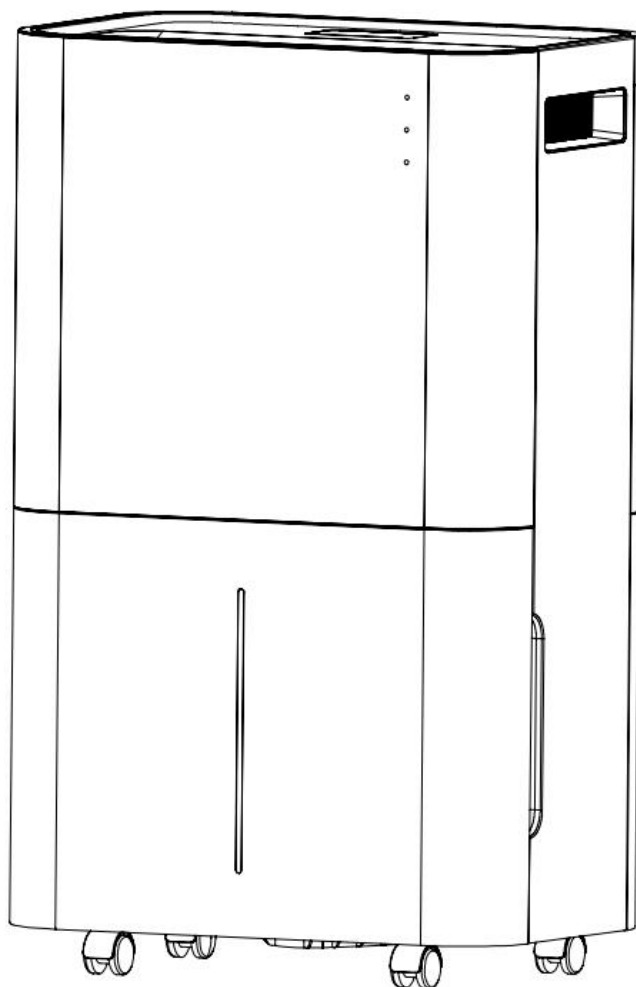


# **DEHUMIDIFIER**

## **INSTRUCTION MANUAL**



**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 seller for help.**

**PLEASE DO NOT RETURN TO STORE**



**Please do not return this product to the retailer!!**

**We are able to assist you in ANY way.**

If you find that you have any trouble with assembly or missing or damaged parts, please contact the seller.

# CONTENT

BEFORE YOU BEGIN.....	1
FOR YOUR SAFETY.....	1
PRODUCT OVERVIEW.....	3
INSTALLATION.....	4
OPERATION .....	6
MAINTENANCE.....	11
TROUBLESHOOTING.....	12

## 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 concerned!**



**Please read this manual carefully and fully understand 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 or when not in use.
- 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 to clean, other than those recommended by the manufacturer.
- The appliance shall be stored in a room without continuously 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 piece or burn, even after use.
- Be aware that refrigerants may not contain an odour.
- Pipe-work shall be protected from physical damage and shall not be installed in an unventilated space, if that space is smaller than 4m<sup>2</sup>.
- Compliance with national gas regulations shall be observed.
- Keep any required ventilation openings clear of obstruction.
- The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.



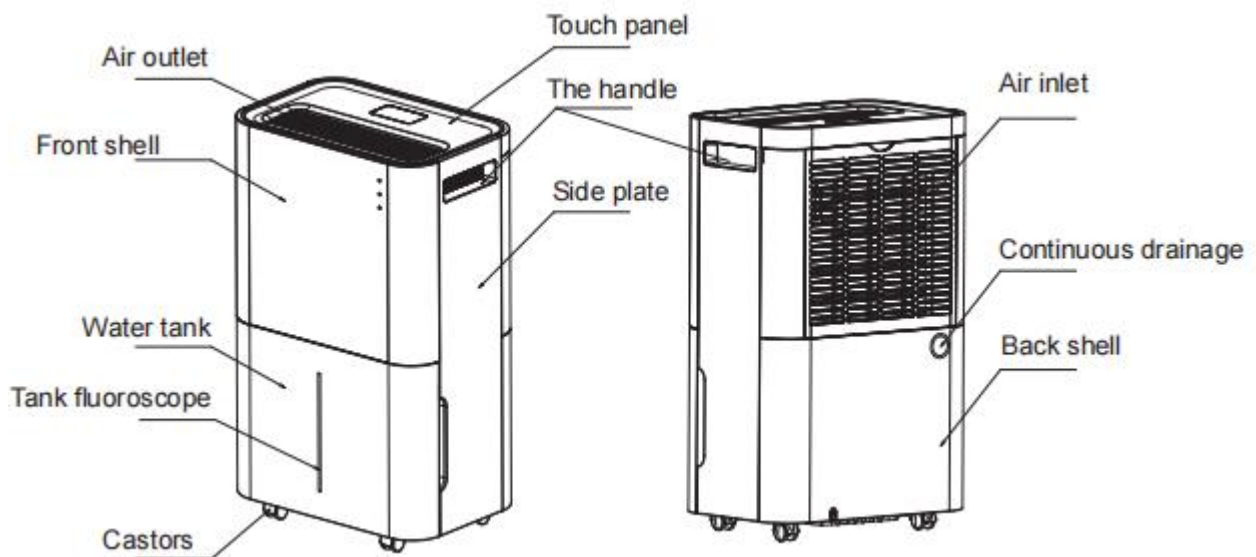
Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safely in accordance with an industry, recognized assessment specification.



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



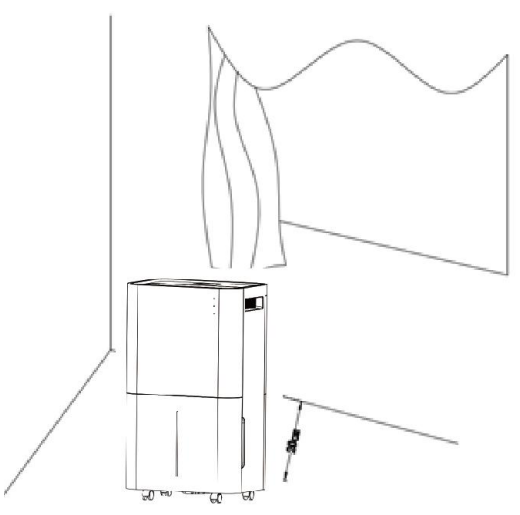
#### 3.2 FEATURES

- ✓ 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
- ✓ Continuous drainage or 1 gallon (4L) water tank

## 4. INSTALLATION

### 4.1 LOCATION

1. Place the unit on a firm, level surface in an area with at least 1ft of free space around it to allow for proper air circulation.
2. Never install the unit where it could be subject to:
  - Avoid Heat sources such as radiators, heating registers, stoves or other products that generate heat.
  - In an area where oil or water can be splashed
  - Direct sunlight
  - Mechanical vibration or shock
  - Excessive dust
  - Poor ventilation, e.g. B. closet or bookcase
  - Uneven surface



### 4.2 OPERATING THE DEVICE SAFELY

- Check the device after unpacking for any damages or scratches on it.
- Operate this unit in an ambient temperature between 41°F and 95°F.
- Do not use outdoors. This dehumidifier is intended for indoor residential use only.
- Do not operate near 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 prior to start 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 that the air outlet is 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 delay of the compressor. Wait for 3 minutes before the device resumes dehumidification.



## 5. OPERATION

### 5.1 CONTROL PANEL



### 5.2 SETTINGS

#### Power Button

In standby state, press the power button to turn on the unit. The operation indicator lights up, the fan runs at default high speed, and the default humidity level is 50%.

In power-on state, press the power button to turn off the unit. The running indicator light goes off, the compressor stops immediately, and the fan shuts down 30 seconds later.


#### Mode Button

Press the mode key to switch between Automatic and Continuous mode.


- **Auto Mode:** Humidity level and fan speed are adjustable.

When automatic mode is activated, the target humidity can be set between 30% and 80% in 5% steps using the "+" and "-" keys.

The dehumidifier starts dehumidifying when the room humidity is at least 3% higher than the set target humidity.

**Note:** when the unit defrosts under this mode, the indicator  lights up.

- **Continuously Drying Mode:** In continuous operation, the unit works continuously without target humidity until the water tank is full or the dehumidifier is switched off manually. The fan speed is adjustable. During operation, the current humidity is shown on the display.

**Note:** when the unit defrosts under this mode, the indicator  lights up.

#### Timer Button

Press the timer button to set the 0-24 hour timing function. Each press increases 1 hour, and the value displays 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".



### **Increase Button**

Press this button to set humidity level and timer;

Humidity level can be adjusted from 30% to 35% - 40% - 45% - 50% - 55% - 60% - 65% - 70% - 75% - 80% - 30%;

The timer is adjustable in 1hr increments up to 24 hours. The selected time will flash and register in 5 seconds.



### **Decrease Button**

Press this button to lower humidity setting and timer;

Humidity level can be adjusted from 80% to 75% - 70% - 65% - 60% - 55% - 50% - 45% - 40% - 35% - 30%;

The timer is adjustable between 1-24 hours. The selected time will flash and register in 5 seconds.



### **Child Lock**

Hold the button for 3 seconds to turn on or off the child lock function.

The lock indicator lights up when the unit is locked, and goes off when the unit is unlocked.



### **Sleep**

Press this button to turn on or turn off the sleep function.

In "Sleep" mode, the fan runs at low speed with a target 60% humidity level.

When the mode is active, the indicators for the sleep function, child lock and power are dimmed. All other displays go out.

Set the timer before you start the sleep function, and the dehumidifier will automatically turn off after the set runtime.



### **Speed**

Press the button to switch between high/low speed.

## 5. DRAINAGE

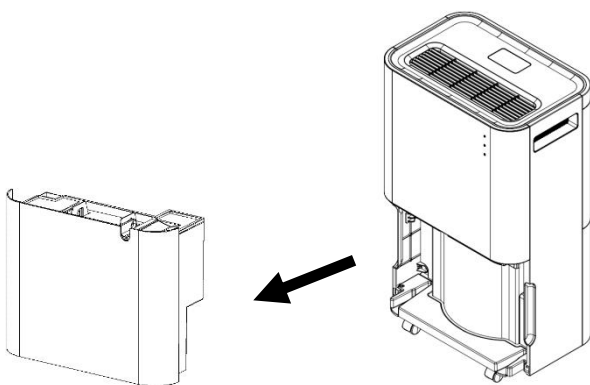
There are two ways to remove collected water

- A. Manual draining: Empty water tank manually.
- B. Continuous draining: Use gravity to drain condensate water by connecting a drain hose.

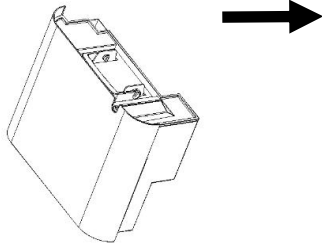
### 5.3.1 EMPTYING THE WATER TANK

When the water tank is full, the unit turns off automatically. It will run again once you empty the water tank and install it back properly.

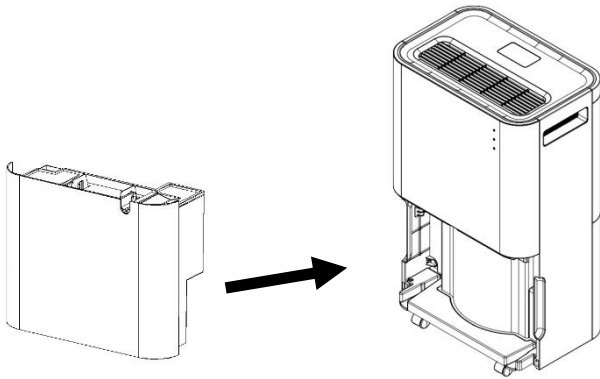
- 1) When the tank is full, The unit will make a buzzing sound, and the "Water Full" light turns on.
- 2) Press the POWER button to turn off the unit.
- 3) Pull on the water tank and simply slide out of the body of the dehumidifier.
- 4) Empty the water into an area with a drain or outside.
- 5) Clean the inside of the tank as well as the outside.
- 6) Put back the empty tank into the unit properly.
- 7) Press the POWER button to resume operating.
- 8) If the Water Full light does not extinguish, check that the float is in correct place.



#### 1. Pull out the water tank

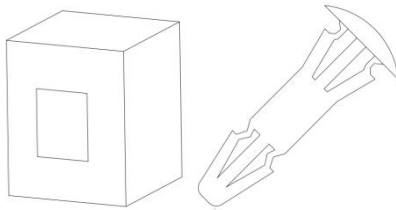


2. Empty the water tank



3. Push the bucket gently all the way into the unit.

## Warning!



1. Do not discard the magnets and plastic rivets in the tank. Otherwise, the dehumidifier cannot operate properly, and the machine will not automatically stop working when the water tank is full. Water overflow may damage your floor.

2. Please make sure to clean the condensed water in the tank and put the tank back in proper position

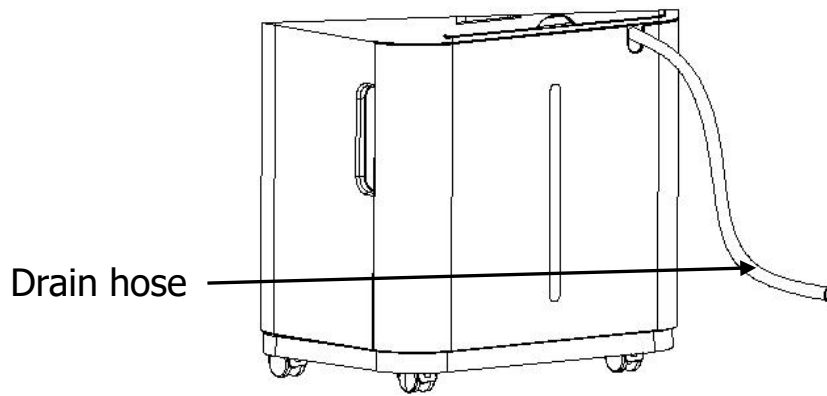
3. If the water tank is dirty, please rinse it with clean water. Avoid using detergents, steel wire balls, chemical dust removers, diesel, benzene, thinners other solvents. Otherwise, it can damage the tank and cause leakage.

4. Put the water tank in its original position. Otherwise, the indicator light will always be red and the machine cannot start working again

## Continuous Drainage

1. Take out the hose and straighten it.

2. Insert one end of the hose into the drain outlet at the top of the tank and connect the other end to the bathroom, floor drain, outdoor or bucket like container, defined drain area



## Warning

- 1.** Please do not block the drain or drain hose. If it's blocked, condensed water will flow into the tank
- 2.** Please do not bend the drain pipe. The height of the drain hose should be lower than the outlet
- 3.** The drain hose must be firmly connected to the outlet

## 6.MAINTENANCE

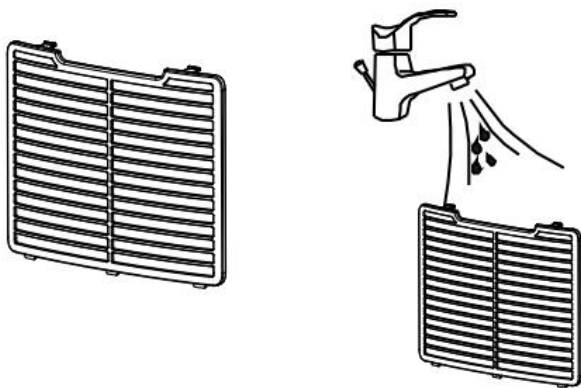
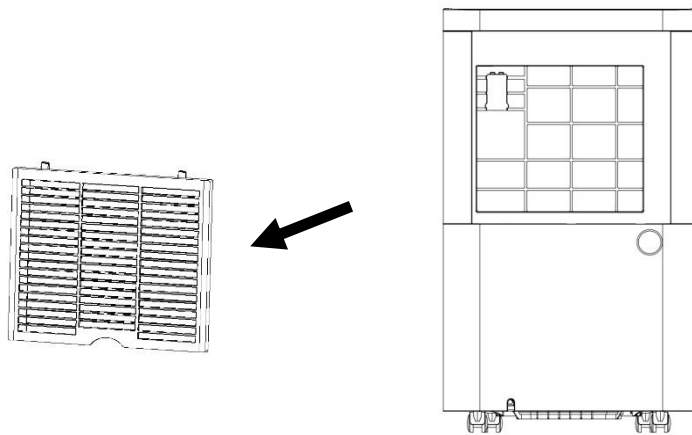
Note: before cleaning and maintaining the machine, please be sure to turn off the machine and unplug the power to avoid electric shock.

### **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 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.

Switch off the unit and remove air filter.



Rinse under a running water or using the vacuum to clean the dust.

## 7.TROUBLESHOOTING

SYMPTOM		INSPECTION	SOLUTION
The unit is not operating.		✓ Check the power connection.	➤ Insert the power cord securely into the wallOutlet.
		✓ Check if the water level indicator lights up?	➤ Empty the water tank and reinstall correctly.
		✓ Check the room temperature.	➤ The range of operating temperature is between 41°F and 95°F.
Poor Performance.		✓ Check the air filter for dirt.	➤ Clean the air filter regularly.
		✓ Check if the air duct is blocked.	➤ To clear the obstacle.
		✓ Check if the room temperature is below 68°F.	➤ This is normal. Low humidity in low temperature environment.
		✓ Humidity setting is higher than current humidity.	➤ Set the humidity level lower than current humidity.
Water Leakage		✓ Overflow while moving the unit.	➤ Empty the water tank before transport.
		✓ Check if the drain hose is kinked or bent.	➤ Straighten the hose to avoid kinks.
Excessive Noise		✓ Check if the unit is securely positioned.	➤ Place the unit on horizontal and firm ground.
		✓ Check if any loose, vibrating parts.	➤ Secure and tight the parts.
		✓ Noise sounds like water flowing.	➤ Noise comes from flowing refrigerant. This is normal.
Error Code	CL	✓ Display when Room temperature is below 41°F.	➤ Normal. The dehumidifier shuts down for self-protection. The compressor stops, and the fan stops in 30 seconds.
	CH	✓ Display when Room temperature is above 95°F.	
	LO	✓ Display when Room relative humidity is below 20%RH.	