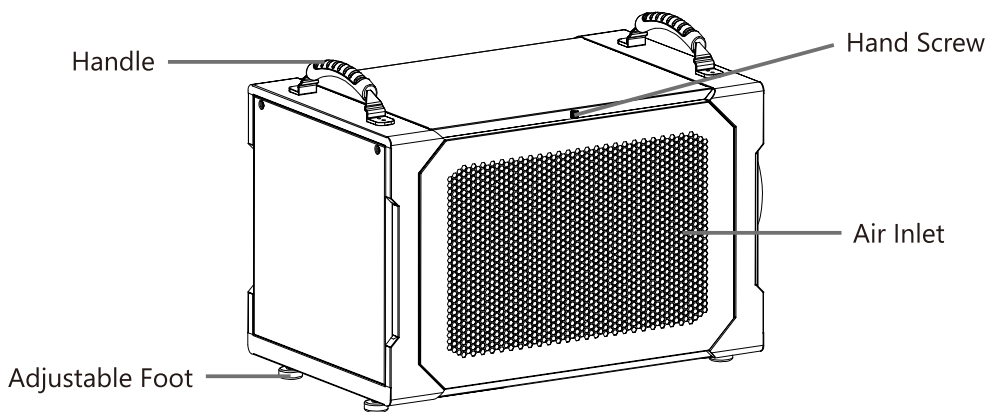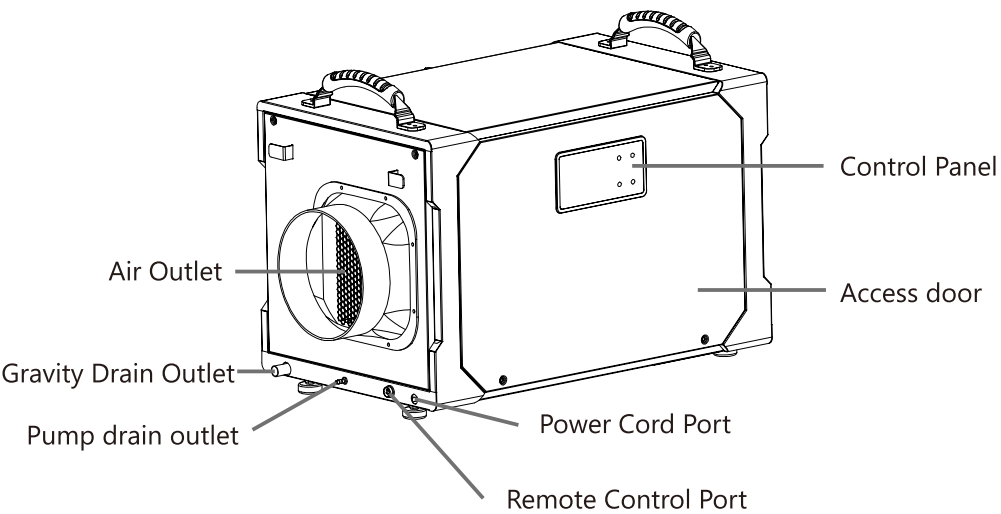## BEFORE FIRST USE:

Please leave the dehumidifier standing upright and outside the box for **24 HOURS** before plugging it in.

The dehumidifiers may have been tilted or placed upside down during shipping. Leave the dehumidifier to stand upright for 24 hours so the oil in the compressor can settle from the move, not doing so can affect the performance or lifespan of the dehumidifier.

PARTS IDENTIFICATION

Control Panel

Access door

Air Outlet

Gravity Drain Outlet

Pump drain outlet

Power Cord Port

Remote Control Port

Handle

Hand Screw

Air Inlet

Adjustable Foot

Note: Do not obstruct the air inlet and outlet.

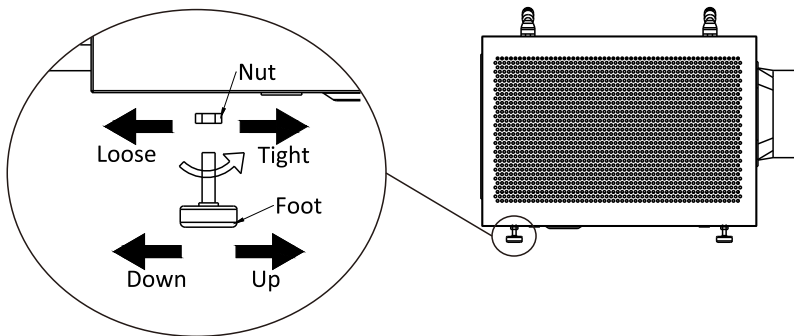# OPERATION INSTRUACTIONS ®

1. Position Your Dehumidifier

- Install the dehumidifier horizontally to minimize vibration and or noise.
- You can adjust the feet to level the dehumidifier.

To adjust the feet,

- Turn the nut in a clockwise direction to get the nut loosen;
- Turn the foot in a clockwise direction to get the foot down or turn the foot in a counterclockwise direction to get the foot up;
- Turn the nut in a counterclockwise direction to fix the foot.

NOTE:

- For best results, operate your dehumidifiers in an enclosed area.
- Close all doors and windows that open to the outside to maximize water removal efficiency.
- Place your dehumidifier away from obstructions, and keep it away from anything that could block airflow into and out of the unit.

2. Position Your Dehumidifier

For optimal outcomes, use your dehumidifier in a confined space. Shut all entryways and windows. Position it clear of obstructions and avoid anything that could obstruct airflow in or out of the dehumidifier.

Note: Place the dehumidifier on a flat surface to minimize vibration or noise.

3. Set Up the Drainage

(1) Drain by Internal Pump
The dehumidifier has an internal pump that helps to drain the condensation water freely. When using the pump feature,
• The Gravity Drain Outlet needs to be sealed by the included stopper;
• Connect the drain hose to the Pump Drain Outlet;
• Place the unattached end of the hose in a sink, bucket, pump sump, or out of a window anywhere that water can drain out safely. (Ensure there are no kinks or other obstructions that will stop the water to flow.)
NOTE:
• If you use a bucket or other container for water collection, check it regularly to prevent overflows.
•The drain hose for the water pump can drain vertically up to 16ft. More than 16ft may cause water back up to the pump resulting in leakage.
•If the drain hose is too long, water may not drain completely, which can lead to stagnant water and mildew build up inside the hose.
•Before moving the dehumidifier, please remove the stopper from the Gravity Drain Outlet to completely drain the condensation in the internal water tray to avoid water leakage.

(2) Drain by Gravity
The collected condensation water can be drained by gravity. When using gravity to drain.
•Connect the drain hose to the Gravity Drain Outlet;
•Place the unattached end of the hose to a suitable drainage facility. The drainage facility should be lower than the drain outlet of the dehumidifier. (Ensure there are no kinks or other obstructions that will stop the water to flow.)

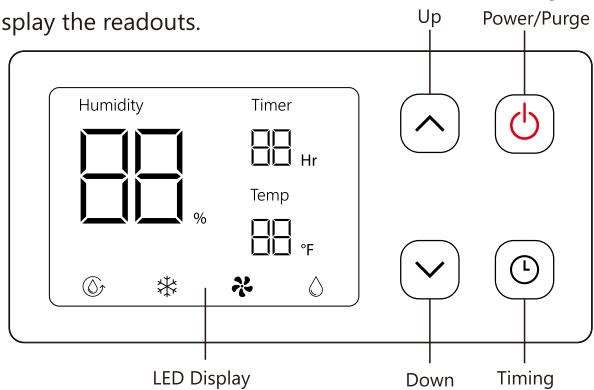## 4. Plug in Electrical Cord

> **IMPORTANT**
> Please let the dehumidifier sit outside the box for **24 hours** before initial plugging in.

To properly operate the dehumidifier, please plug it into a GFCI-protected 115-volt outlet with a rating of at least 16 amps. Uncoil the power cord and securely connect it to an appropriate outlet.
Note: When the dehumidifier is first plugged into AC power, the control panel display will light up for a second, which is part of the dehumidifier's self-diagnosis procedure and no action is required. This indicates that the dehumidifier is functioning correctly and ready to operate effectively. You will still need to press the POWER button to turn the dehumidifier on.
If not been operated for over 50 seconds, the control panel will become dime until pressed buttons again.

5. Understand the Control Panel

The control panel of the dehumidifier features a user-friendly interface with 4 buttons and an LED screen. Press the POWER Button to turn the dehumidifier on. After turning on the dehumidifier, the LED screen will display the readouts.

88 is humidity percentage value. If no operations on the control panel, this number is the humidity readout of the inlet air the dehumidifier detects which is similar to the current room humidity level. When you are pressing the ⌃ or ⌄ button to set the target humidity percentage value, this digital number will turn to display the previous setting value and keep blinking.

88°F is the temperature readout of the inlet air the dehumidifier detects which is similar to the current room temperature.

88Hr illuminates when the timer function is enabled and disappears when the timer function is disabled.

❄ **Fan Icon:** It illuminates when the fan is running and disappears when the compressor stops running.

◊ **Water Droplet Icon:** It illuminates when the compressor is running and disappears when the compressor stops running.

Note:
In the following cases, it is normal if the water droplet icon disappears which means the compressor stops or does not kick in.

A. The humidity set-point is NOT at least 5% lower than the room humidity readout value (in this case, please double-check your setting);

B. The room humidity level has reached the set-point, so the dehumidifier automatically stops running;

C. The dehumidifier was just turned on and may take a few seconds for the compressor to kick in;

D. The dehumidifier was restarted in a brief moment, the compressor is under delay protection status.

❄ **Defrosting icon:** It illuminates when the dehumidifier detects frost on the interior. During defrosting, the fan operates while the compressor does not, and the defrost icon flashes until the frost melts. The dehumidifier will automatically begin to dehumidify and the "Defrost" icon will disappear once the defrosting process is complete.
Note: Frequent defrosting indicates that the room temperature is too low. It is recommended to add heat when the room temperature is lower than 60°F for proper drying.

◌ **CONTINUOUS MODE:** This icon illuminates when the humidity set point is 10%, which means the dehumidifier will dehumidifying continuously.

⏻ **Power/Purge:** Press once to turn the power on and off. Press and hold the Power button for 5 seconds to activate the Purge function (Purge function means to manually drain condensate from the pump).

⌃ **Up and** ⌄ **Down Buttons:** Press to increase or decrease the set-point of humidity level.

◉ **Timer Button:** Press to check the settings, and set AUTO on/off timer.

6. General Operation Instructions

(1) Turn on the dehumidifier
Press the Power Button to turn on the dehumidifier.

(2) Set a desired humidity percentage
First of all, read the current room humidity readout on the left of the display and remember that value. Then, press the ⌃ or ⌄ down button to adjust the humidity set-point in increments of 1%. The set humidity value needs to be at least 5% lower than the current room humidity readout value.
Note: The humidity set-point is between 10% and 90%. A humidity setting between 40% and 60% is recommended for optimal comfort. Last, after selecting your target value, wait for 5 seconds for the setting to register automatically. This will ensure that your desired humidity level is set and maintained. Then, the dehumidifier will automatically stop and restart to maintain the room humidity level within a range of ±3% of the set point. For instance, if the set humidity is 50%, the dehumidifier automatically stops when the room humidity reaches 47% and then automatically restarts when the room humidity rises back to 53% or higher.

(3) Turn the dehumidifier off
Press the Power Button to turn off the dehumidifier.
Note: To protect the compressor, the fan will continue to operate for 30 seconds after the dehumidifier shut off. Use the power button to stop the dehumidifier rather than forcibly by disconnecting the power cord.

7. Timer Setting

It enables you to either delay the auto-on or auto-off function of the dehumidifier from 1 to 24 hours.

-Set AUTO-ON: When the dehumidifier is off, press the Timer button to set a desired time it begins to work.

-Set the dehumidifier AUTO-OFF: When the dehumidifier is on, press the Timer button to set a desired time it shuts off.

Set the TIMER by the Below Steps

1. Press the Timer Button and the Timer icon and value Timer lights up and flashes.
2. Adjust the timer setting by pressing the Timer button repeatedly to change the delay timer at 1-hour increments, up to 24 hours.
3. After selecting the target time period, just wait for about 5 seconds to let the setting register automatically.
4. The digital readout will count down the remaining time until the dehumidifier either starts or stops.
5. To disable the timer function, manually turn the dehumidifier on/off, or set the timer to 00H .

NOTE:
 - Before entering the AUTO ON TIMER setting, ensure that power is being supplied to the dehumidifier.
 - For the AUTO ON setting, please turn on the dehumidifier to select a desired humidity level. Otherwise, it will be the same as the previous setting.
 - Set AUTO ON timer only when the dehumidifier is off or set AUTO OFF timer when the dehumidifier is on, but not be able to set both AUTO ON and AUTO OFF timer at the same time.
 - The AUTO ON/OFF function won't be cycling.
 - The TIMER function will be disabled when the dehumidifier was powered on/off manually.
 - Set the timer as 00H , the timer function will not be activated.

8. Smart Functions

(1) 3 Minutes Compressor Protection Mechanism

It prevents the dehumidifier from starting immediately after a complete cycle to avoid any potential damage. The compressor will start automatically after a 3-minute delay. During this time, the Fan icon is illuminating continuously on the LED screen and until the compressor kicks in, the water droplets icon illuminates. That's to say, if the dehumidifier was turned off and then restarted immediately, the compressor will not kick in until 3 minutes later.

(2) Auto Defrost

The compressor cycles off when frost builds up on the evaporator coils and the fan will continue to run until the frost disappears. Meanwhile, the DEFROST icon will light up on the LED screen during the defrosting process.

(3) Auto-Restart

If the dehumidifier shuts off unexpectedly due to power outage, the dehumidifier will restart with the previous function settings automatically when the power resumes.

MAINTENANCE

⚠️ **To avoid possible electric shock, ensure to turn the dehumidifier off and disconnect the plug from the power source before performing any cleaning or maintenance.**
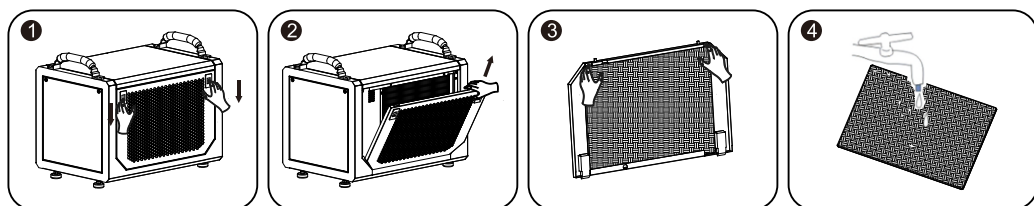
1. Cleaning the Dehumidifier

Clean the dehumidifier housing with a soft damp cloth. Do not submerge or place water on the dehumidifier or control panel. Water may damage the electronic components of the dehumidifier. Do not use chemical solvents such as benzene, alcohol, gasoline or other heavy-duty cleaners. The surface may become damaged or deformed.

2. Cleaning the Air Filter

The working performance of the dehumidifier will be greatly reduced if the filter becomes blocked. The air filter should be cleaned approximately every 2 weeks and may require more frequent cleaning if there is significant dander or fur in the air. The air filter is located behind the inlet grill.

<u>**Follow the steps below to clean the filter :**</u>

● Unscrew the hand screw on the top of the inlet grill, open the inlet grill and take the filter out.
● Use a vacuum cleaner with a soft brush attachment to remove any large debris or dust build-up from the filter.
● Wash the filter in lukewarm, soapy water, below 40°C (104°F), or use a neutral cleaning agent.
● Rinse the filter with clean water and dry thoroughly.
● Re-install the filter.

NOTE: DO NOT operate the dehumidifier without a filter because dirt and lint will clog it, hence reducing performance.