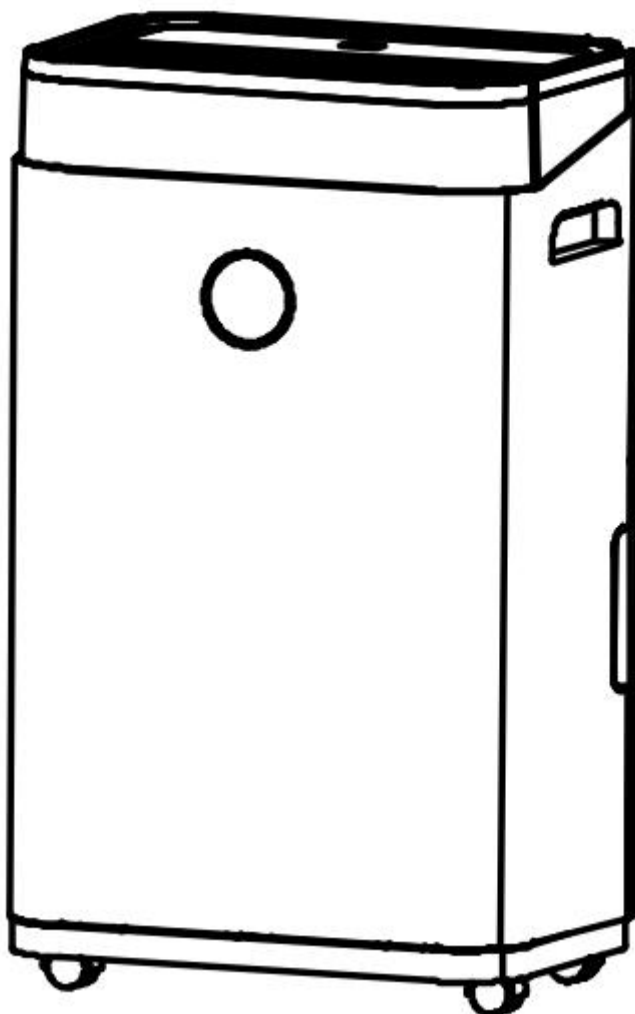


DEHUMIDIFIER

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 professional service for help.

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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.

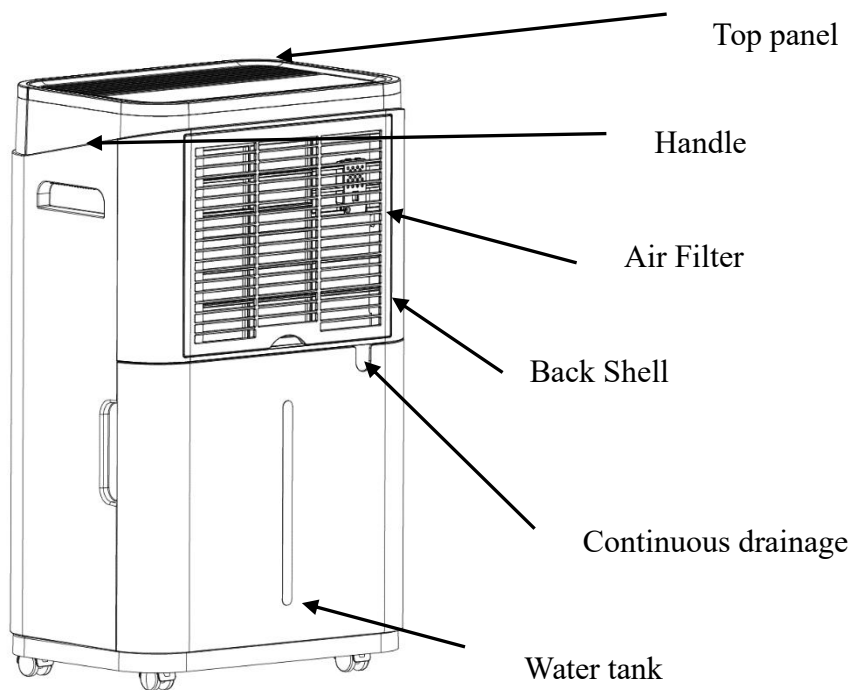
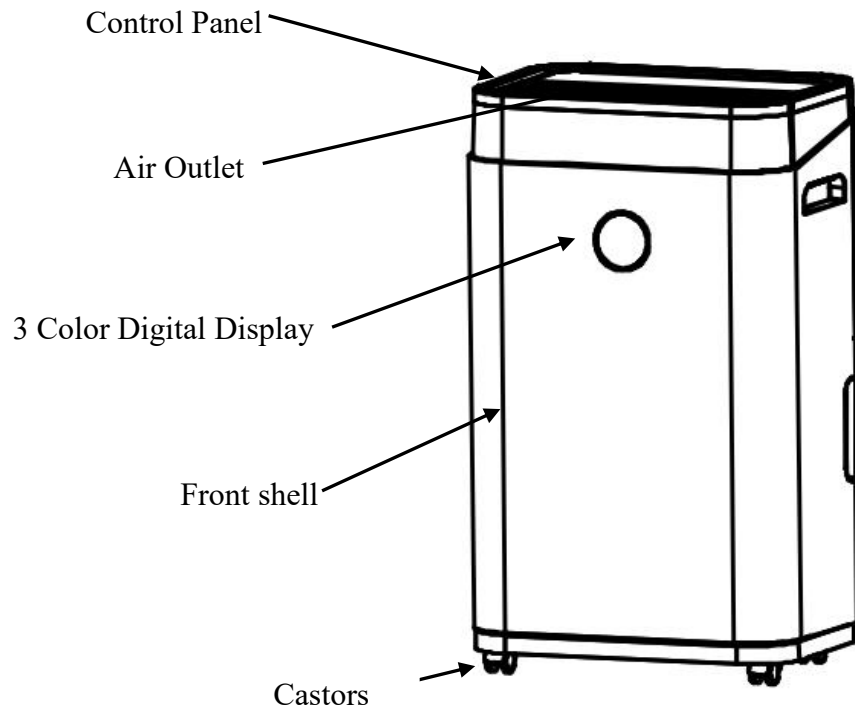
2.1 OPERATIONAL PRECAUTIONS

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 manufacture.
- 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.
- Compliance with national gas regulations shall be observed.
- Keep any required ventilation openings clear of obstruction.

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 6.5L water tank

4. INSTALLATION

4.1 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 :

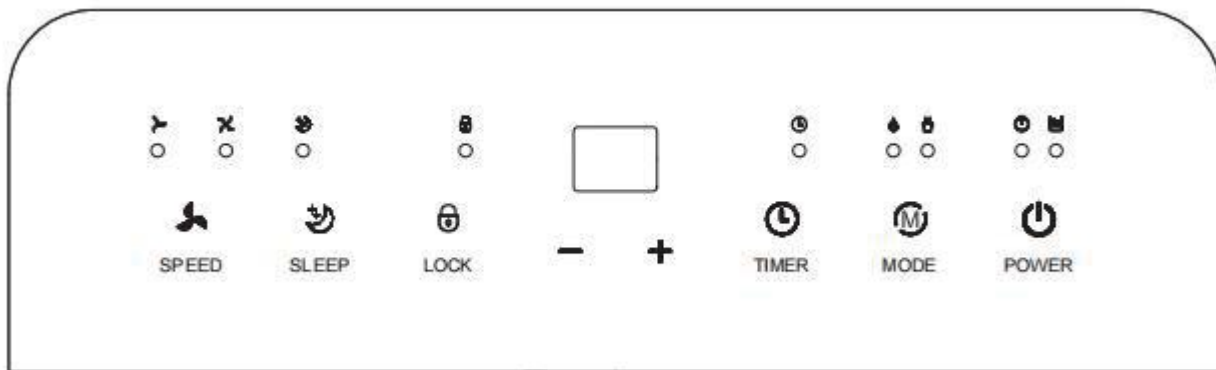
- Avoid Heat sources such as radiators, heating registers, stoves or other products that generate heat.
- In an area where oil or water can be splashed
- Sonnenlicht Direct sunlight
- Mechanical vibration or shock
- Excessive dust
- Poor ventilation, e.g. B. closet or bookcase
- Uneven surface

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 from 5°C to 38°C.
- Do not use in the 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 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 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.

5. OPERATION

5.1 CONTROL PANEL



5.3 SETTINGS

Power button

In the standby state, press the power button to turn on, the operation indicator lights up and the default fan speed is high, and the default humidity is 50%. In the power-on state, press the power button to turn off, the running indicator light goes off and the compressor stops immediately, and then the fan shut down after 30 seconds delay.


Mode button

Press the mode key to switch between automatic ,Continuous mode.

- **Auto mode:** adjustable humidity, adjustable fan speed.


When automatic mode is activated, the target humidity can be set between 30% and 80% in 5% steps using the two arrow 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 controlling by humidity until the water tank is full or the dehumidifier is switched off manually. The fan speed can be 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 time you press this button, the value increase 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".



Increase button

Press this button to set up humidity and timing time; humidity adjusting the order of 30% to 35% - 40% - 45% - 50% - 55% - 60% - 65% - 70% - 75% - 80% - 30%;

Time set to 00, press this key, display 00 and blink, then press this key again every time, from 01-02-03-..... to 24.



Decrease button

Press this button to lower humidity setting and timing time; humidity adjusting the order of 30% to 80% - 75% - 70% - 65% - 60% - 55% - 50% - 45% - 40% - 35% - 30%;

Time set to 00, press this key, display 00 and blink, and then press this key again every time, from 24-23-22-..... to 00.



Child lock

Hold the child lock button to turn on or off the child lock function, the lock indicator lights up accordingly.



Sleep

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

In "Sleep" mode, the unit operates at a low fan speed with a fixed target humidity of 60%.

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

Activate the timer before you start the sleep function and the dehumidifier will switch off after the set runtime.



Speed

High speed - low speed cycle, press button once to switch and then the corresponding indicator lights up.

5.4 DRAINAGE

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

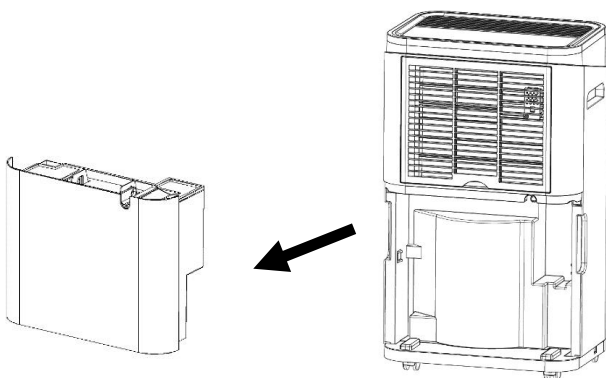
A. Manual draining: Empty water tank by manual.

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

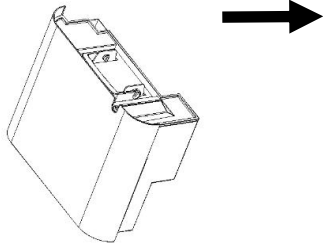
5.3.1 EMPTYING THE WATER TANK

The water tank built in 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 properly.

- 1) When the tank is full, The unit will make a buzzing sound, and the "Water Full" light will turn 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) Replace the empty tank back into the unit.
- 7) Press the POWER button to resume operating.
- 8) If the Water Full light does not extinguish, check that the float is correctly in place.

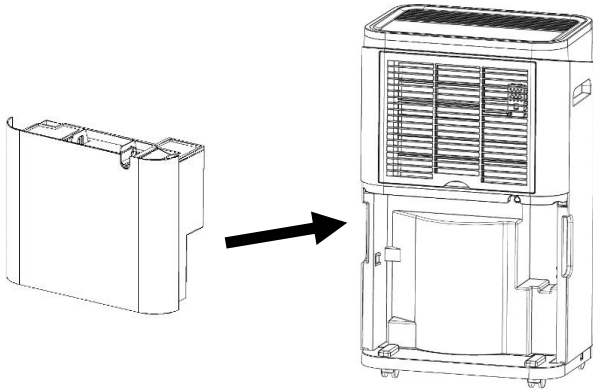


1、 Pull out the water tank

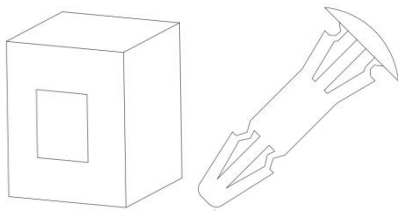


2、 Empty the water tank

3、 Replace the empty tank back into the unit



I.Warning!



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

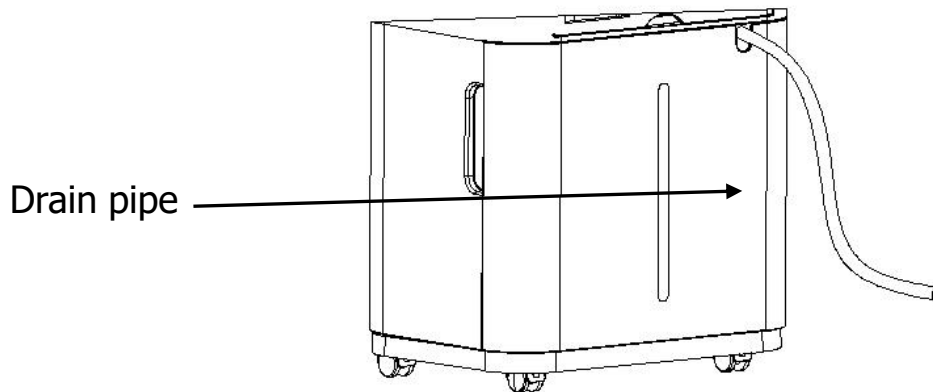
2、 Please make sure to clean the condensed water in the tank and put the tank in the original position

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 leaks

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 PVC pipe, Straighten the drain pipe
- 2、 Insert one end of the drain pipe 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 pipe, if blocking phenomenon, condensed water will flow into the 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 must be firmly connected to the outlet

6.MAINTENANCE

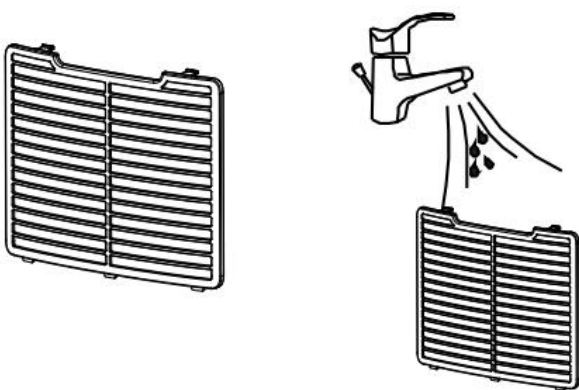
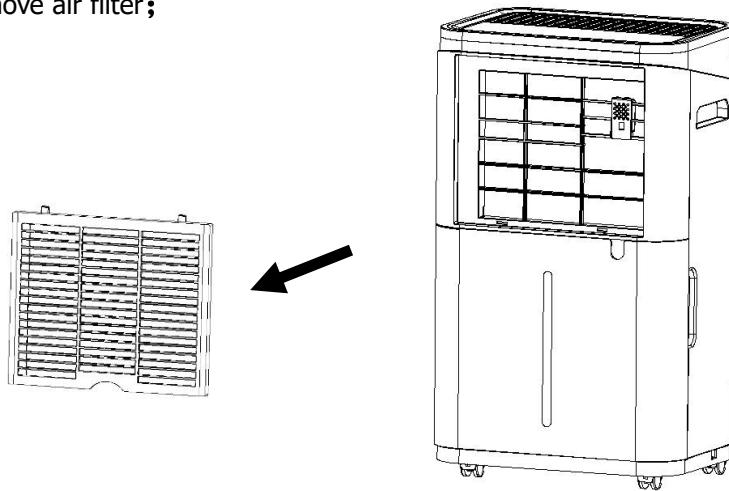
Note: before cleaning and maintaining the machine, please be sure to turn off the machine and unplug the power to avoid electric shock.

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 in securely.	➤ 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 5-38℃.
There is little formation of condensate.		✓ Check the air filter for dirt.	➤ Clean the air filter as necessary.
		✓ Check if the air duct is blocked.	➤ To clear the obstacle.
		✓ Check if the room temperature is below 20℃.	➤ This is normal. Low humidity in low temperature environment.
		✓ Set humidity level is higher than currentHumidity value.	➤ Set the humidity level below current humidity value.
Water Leakage		✓ Overflow while moving the unit.	➤ Empty the water tank before transport.
		✓ Check if the drain hose is kinked or bends.	➤ Straighten the hose to avoid a trap existing.
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 5℃ (41°F) .	➤ Normal. The compressor stops, and the fan stops after 30 seconds delay.
	CH	✓ Display when Room temp35℃(95°F) .	➤ Normal. The compressor stops, and the fan stops after 30 seconds delay.
	LO	✓ Display when Room relative humidity is bellow 20%RH.	➤ Normal. The compressor stops, and the fan stops after 30 seconds delay.