

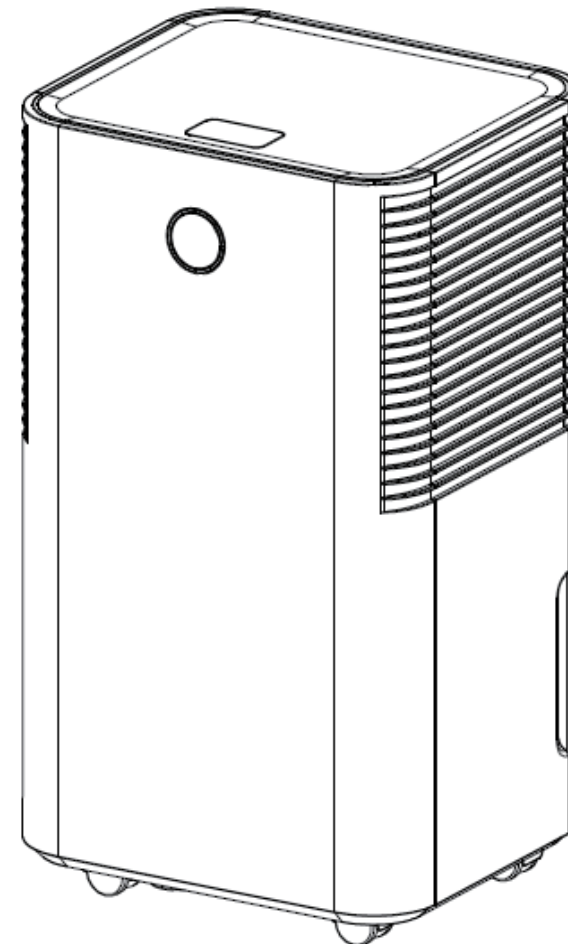


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Contact our friendly customer service department for help first.
Replacements for missing or damaged parts will be shipped ASAP !

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Contact Us!

Do NOT return this item.

Contact our friendly customer service department for help first.



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USER'S MANUAL

Dehumidifier ES10103US

THIS INSTRUCTION BOOKLET CONTAINS **IMPORTANT** SAFETY INFORMATION. PLEASE READ AND KEEP FOR FUTURE REFERENCE.



Before You Start

- ⚠ Please read all instructions carefully.
- ⚠ Retain instructions for future reference.
- ⚠ Separate and count all parts and hardware.
- ⚠ Read through each step carefully and follow the proper order.
- ⚠ We recommend that, where possible, all items are assembled near to the area in which they will be placed in use, to avoid moving the product unnecessarily once assembled.
- ⚠ Always place the product on a flat, steady and stable surface.
- ⚠ Keep all small parts and packaging materials for this product away from babies and children as they potentially pose a serious choking hazard.

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 our customer for help.

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

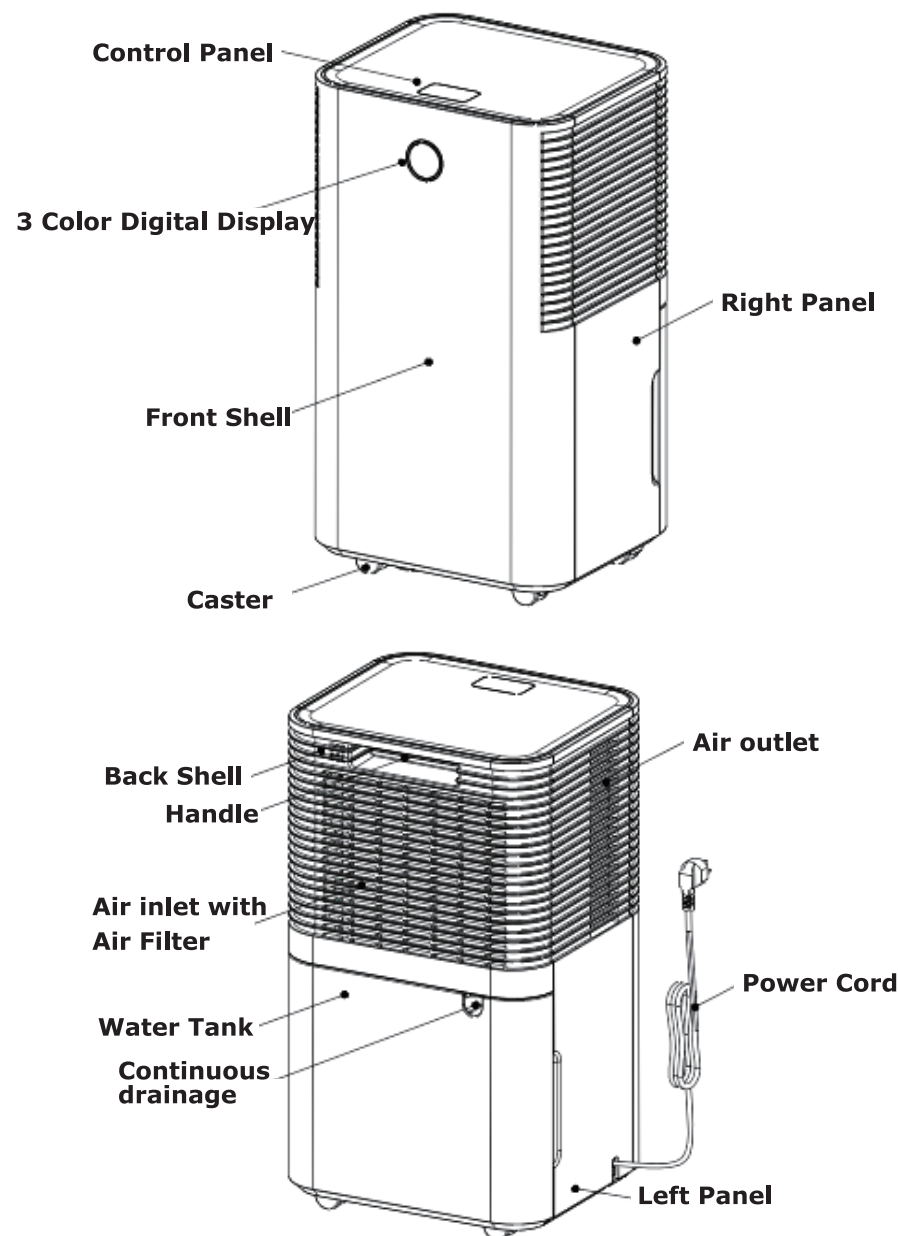
WARNING- To reduce the risk of fire, electric shock or injury to persons or property:

- If the supply cord is damaged, it must be replaced by the manufacturer, 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 43 sq.ft.
 - 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.

3. PRODUCT OVERVIEW

3.1 PRODUCT VIEW



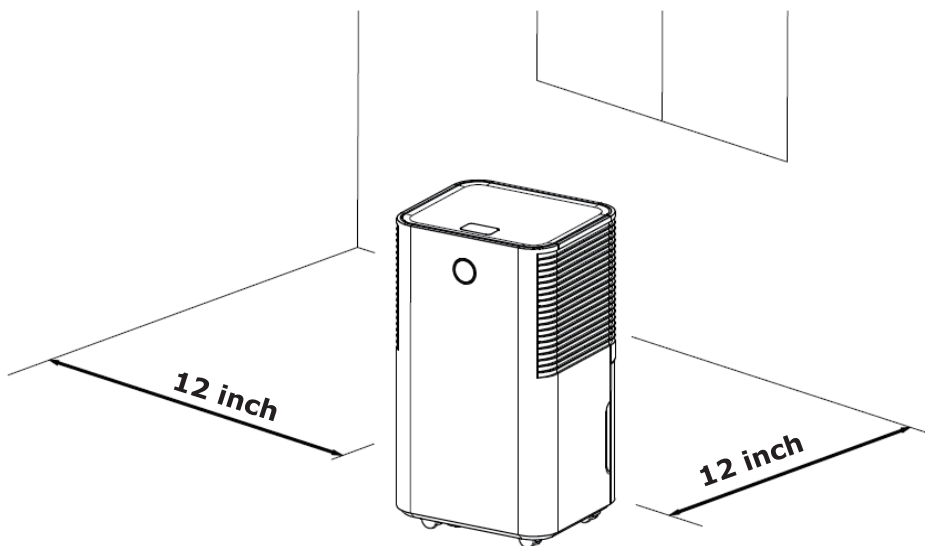
4. INSTALLATION

4.1 LOCATION

1. Place the unit on a firm, level surface in an area with at least 12 inch of free space around it to allow for proper air circulation.

2. Never install the unit where it could be subject 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.

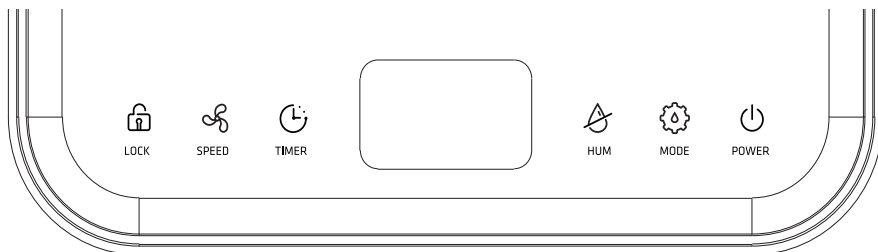


4.2 OPERATING THE DEVICE SAFELY

- Check the device after unpacking for any damages or scratches on it.
- Operate this unit in an ambient temperature from 41°F to 95°F.
- 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.
- Adjust 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




POWER

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 shuts down after 30 seconds delay.


MODE


Auto mode - continuously drying mode - sleeping mode cycle, press once to switch the mode from one to another, the corresponding indicator lights 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 can be adjusted under auto mode.

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. During operation, the current humidity is shown on the display.

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

- **Sleeping mode:** Long press the mode button, the sleep indicator  lights up and it starts the sleep function. After no operation in 10 seconds, all indicators turn dark gradually and the wind speed is automatically switched from high to low. Touch any button to wake up the indicator. Touch mode button again to exit the sleep mode.

When environmental humidity \leq 57%, compressor stops working and the fan shuts down after 30 seconds' delay.


When environmental humidity \geq 63%, the fan starts working and compressor starts working after 3 seconds.

Fan speed and humidity can not be adjusted under sleeping mode.

HUMIDITY SET

Touch the humidity button to check the current environment humidity, touch this button again and you can set the humidity. The range of target humidity is 30%- 35% - 40% - 45% - 50% - 55%- 60% - 65% -70% - 75%- 80%. After setting 3 seconds, the system confirms the input value and then the machine exits the setting state, and returns the current humidity. In the drying mode, the target humidity cannot be changed. Hold this button for 3 seconds to display the current ambient temperature.

TIMER

Press the timer button to active the timing function , then press the  to set the time. 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 running state, set the time to turn off the machine;

In the standby state, set the time to turn on the machine.




SPEED

High wind - low wind cycle, press the button once to switch the speed and then the corresponding indicator lights up. In sleep mode and defrosting period, the wind speed can not be changed.



CHILD-LOCK

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

3 Color Digital Display:

Ambient Humidity < 45%, The light shows Blue;

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

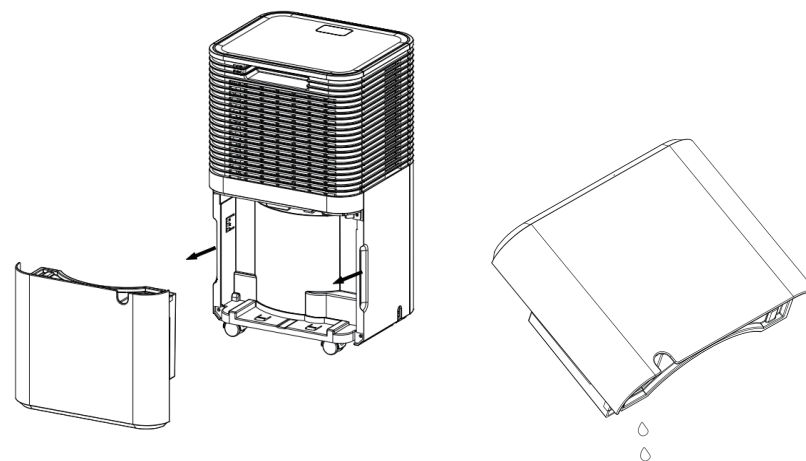
Ambient Humidity > 65%, The light shows Red;

If the LED displays E1, CL, CH, LO the light will show red.

DRAINAGE:

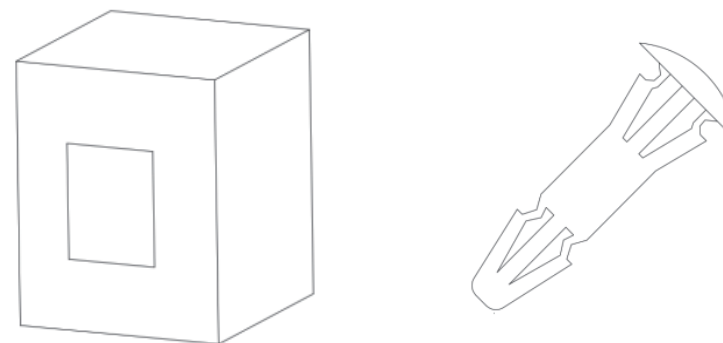
EMPTYING THE WATER TANK

- When the tank is full, The unit will make a buzzing sound, and the "FT" light 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 back into the unit.
- Press the POWER button to resume operating.
- If the Water Full light 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.

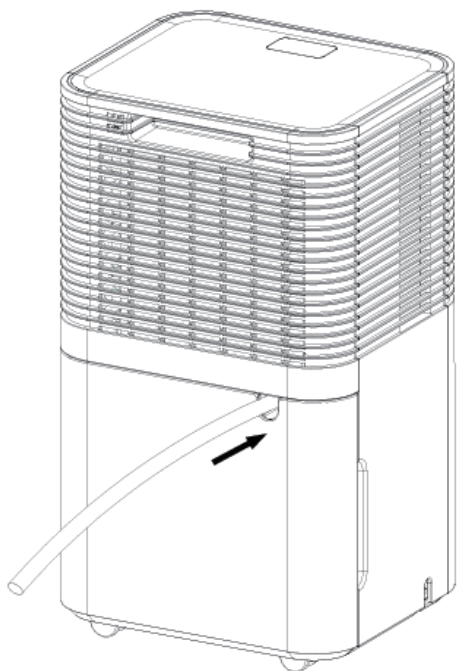


2. Please be sure to clean the condensed water in the water tank before resetting the working mode of the machine.
3. If the water tank is dirty, rinse it with clean water. Avoid using detergents, steel balls, chemical dust removers, diesel oil, benzene, diluent or other solvents. Otherwise, the water tank will be damaged and leak.
4. Replace the empty tank back into the unit. Otherwise, the water full indicator may remain red and the machine cannot restart.

CONTINUOUS DRAINING

For continuous operation or unattended dehumidification, please connect the attached drain hose to the unit. Condensate water can be 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.



Warning

1. Please do not block the drain or drain pipe. If the phenomenon of blocking occurs, condensed water 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;

6. MAINTENANCE

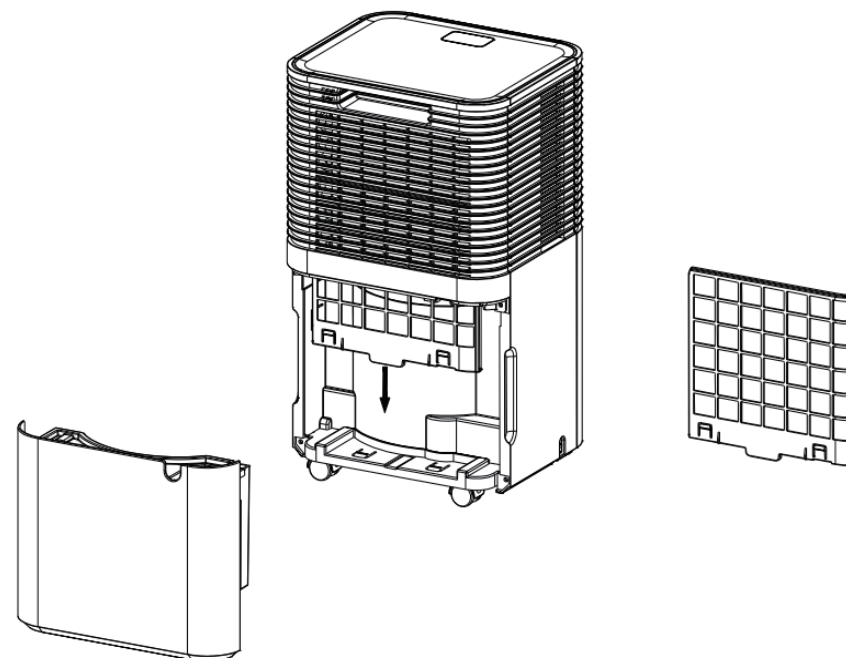
Note: before cleaning and maintaining the machine, be sure to turn off the machine and pull the power plug to prevent electric shock.

•CLEANING THE AIR FILTER (every two weeks)

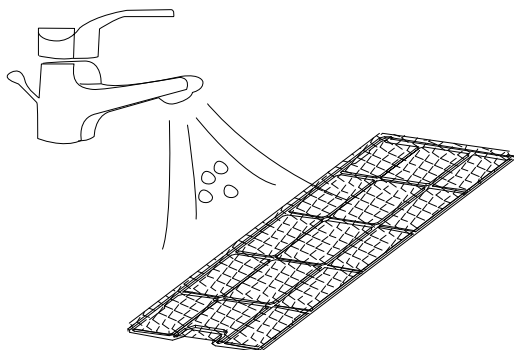
Dust collects on the filter and restricts the airflow. The restricted airflow reduces the efficiency of the system and if it becomes blocked it can cause damage to the unit.

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.

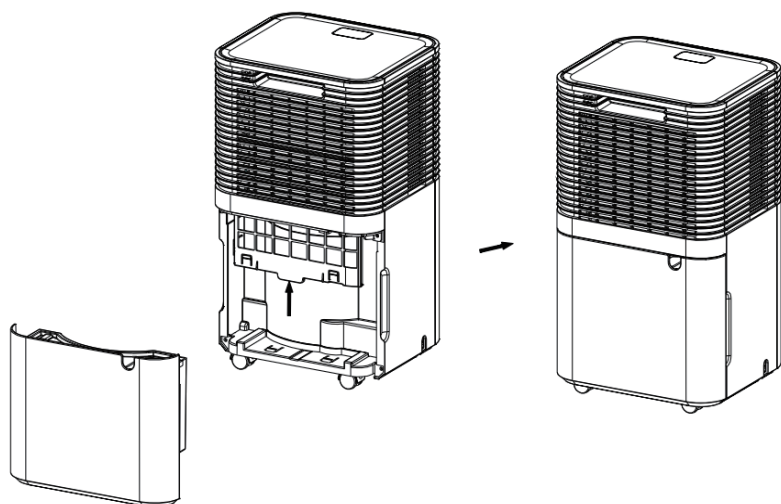
1. Take the water tank from the body, and then pull out the filter from the back shell;



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.



7. TROUBLE SHOOTING

1. FUNCTIONING TEMP.

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

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

When $41^{\circ}\text{F} \leq \text{Ambient temp.} \leq 60.8^{\circ}\text{F}$, 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 trouble shooting list that includes common occurrences that are not the result of a defect in workmanship or materials.

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 re-position the water tank to right place
	Room temperature $< 41^{\circ}\text{F}$, or $> 95^{\circ}\text{F}$	Self-Protection designed to protect the unit. Can not 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 machine put in the flat place?	Put the machine on the flat ground
	Is the filter clogged?	Wash the filter
E1	Humidity sensor problem	Change a sensor
LO	Environmental humidity is below 20%	The dehumidifier shuts down for self- protection
CL	Low temperature protection, the environmental temperature $< 41^{\circ}\text{F}$	
CH	High temperature protection, the environmental temperature $> 100.4^{\circ}\text{F}$	

8. STORAGE & DISPOSAL

STORAGE

Long-term storage - If you will not be using 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 at the water tank.
5. Re-install the filter at its position.
6. The unit must be kept in upright position when in storage.
7. Preserve the machine in ventilating, dry, non-corrosive gas and safe place indoor.

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 WARNING!!!

Releasing refrigerant into atmosphere is strictly forbidden!
Do not dispose of electrical appliances as unsorted municipal waste, 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.



