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- 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.
- Always place the product on a flat, steady and stable surface.
- 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.
- 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.

CAUTIONS

- 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.

PARAMETERS

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HOME DEHUMIDIFIER

Model No	OL50D-D024A
Dehumidification Capacity	125Pint/D(95°F/90%RH)
	100Pint/D(86°F/80%RH)
	45 Pint/D(65°F/60%RH)
Power Supply	115V~60Hz
Rated Input Current	5.5A
Refrigerant Charge	R410A/ 12.0oz(g)
BCSC	15A
Fan Motor Power	0.077HP
Maximum Design Pressure	High-side:580psig
	Low-side: 261psig
Sound Pressure Level	≤54dB(A)
Compressor Input	RLA:3.12A/LRA:20A
Working Temp	41°F-95°F

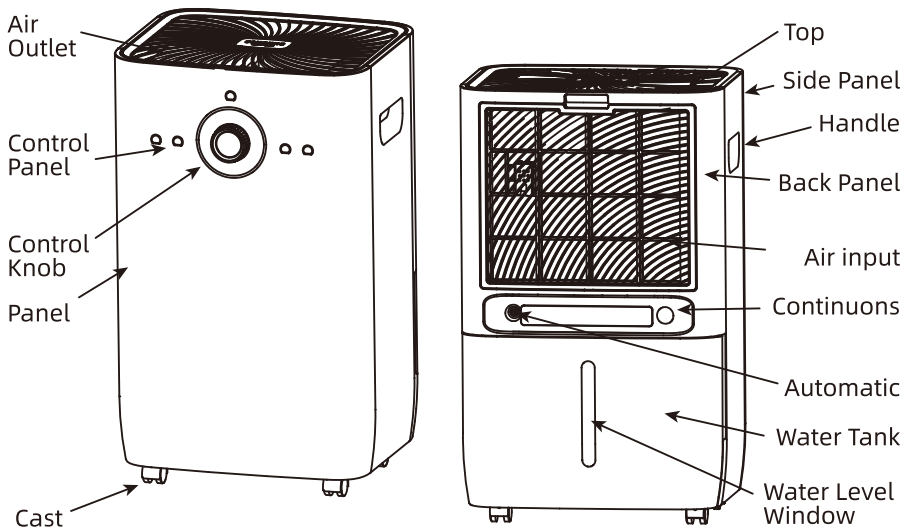
FEATURES

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- Powerful moisture removal (up to 30Pints/day dehumidification)
- 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 126oz.water tank

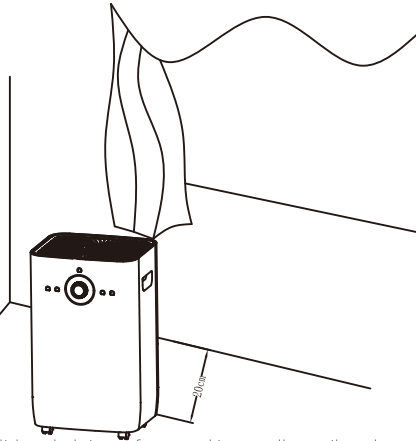
PRODUCT DESCRIPTION

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PRODUCT DESCRIPTION

Installation & Storage



Please place the dehumidifier on a solid and plain surface, and in a well-ventilated space. Please keep the dehumidifier at least 8 inches from walls or any other object.

Storage

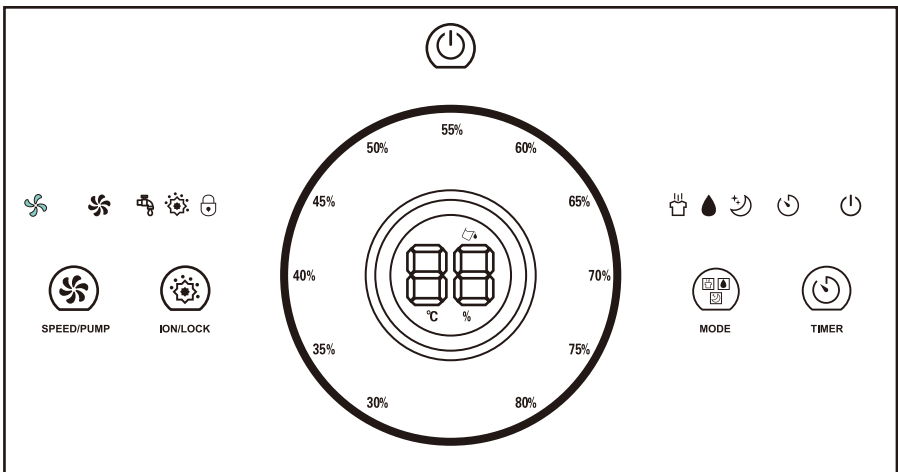
Please read the following instructions carefully when not using the dehumidifier for long time periods.

- 1、 Turn off the dehumidifier and empty the water tank;
- 2、 Unplug the dehumidifier and wrap the cord;
- 3、 Take off and carefully clean the air filter; do not install the air filter until it is fully dried;
- 4、 Clean the surface of the dehumidifier, and cover it with a plastic bag;
- 5、 Store the dehumidifier in a dry, well-ventilated place with proper temperature

OPERATION










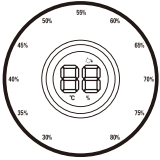
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Control Pane



OPERATION

Indicator Status

	<p>On/Off: The indicator will stay lit when the machine is connected to power, off when it is not. Defrost Indicator: When the machine is defrosting, this indicator will blink.</p>
	<p>Timer: This indicator will stay lit when the timer is actively running.</p>
	<p>Double-Eight Number Indicator:</p> <ol style="list-style-type: none"> 1.Display Ambient temperature/Humidity 2.Display remaining time in the timer 3.Display Error Code 4.Display whether the water tank is full
	<p>Low-Speed Fan Indicator (Left); High-Speed Fan Indicator(Right)</p>
	<p>Cloth-Drying Mode: When clothe-drying mode is on, the indicator will stay lit. Under this mode, the compressor stays on and will not be affected by ambient humidity. The fan will stay on high-speed mode and cannot be altered.</p>
	<p>Auto Mode: This indicator lights up when this dehumidifying mode is turned on</p>
	<p>Sleep Mode: This indicator stays lit when this mode is activated.</p>
	<p>Drain Indicator: This icon stays lit when the machine is draining.</p>
	<p>Child Lock: This indicator stays lit when the child lock function is activated</p>
	<p>Humidity Level Indicator(the percentages in the outer circle): When you rotate the knob, the indicator light corresponding to the number will lit up.</p> <p>Ambient Humidity (AH) Tri-Color Indicator (the circle surrounding the double-eight):</p> <ol style="list-style-type: none"> 1.AH < 45%: Blue 2.45% <= AH <= 65%: Green 3.AH > 65%: Red <p>When the number indicates E0/E2/E4/CL/CH LO/HI, color red will appear</p>

OPERATION

Buttons

Power

The power button will stay lit at standby when connected to power. When pressed, the machine will start running with a starting humidity level of 50% under auto mode and high fan speed. When pressed again, the machine will turn off.

Timer

Pressing this button can set up a timer (0-12 hours). The timer will increment one hour every time you press the button, and the number will reflect on the panel; The number “00” means that the timer function is off, and the timer indicator will turn off.

Humidity Level

Pressing this button can toggle the target humidity level. You can only change the humidity level under auto mode. Rotating the knob left or right will decrease or increase the target humidity level by 5% respectively.

Note: You can only toggle the humidity level between 30% to 80%.

SPEED/PUMP

Pressing this button can toggle the fan speed between high and low. The low-speed fan or high-speed fan indicator will be lit up to indicate which mode is on. Holding this button for 3 seconds will turn on/off automatic drainage.

Mode Selection:

Pressing this button can toggle between cloth-drying mode, auto mode or sleep mode. Holding this button for 3 seconds will display the ambient temperature on the screen.

Drainage

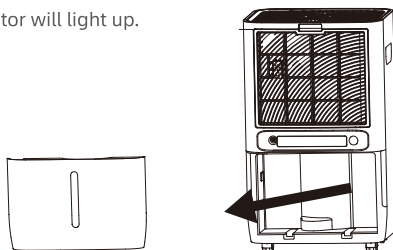
Water Tank Drainage

I. Tank-Full-Alarm

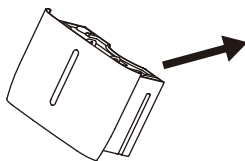
When the water tank is full, the Water Full Indicator will light up.

II. Emptying the Water Tank

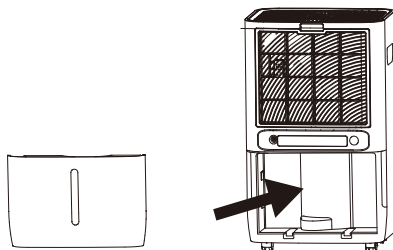
1、Put both hands on each side of the water tank, apply gentle force to pull it out of the body.



2、Tilt the water tank slowly and steadily, drain the water out of the tank completely.

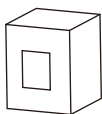


3、Place the water tank back to the original place.



⚠ WARNING!

1、DO NOT remove the magnet and plastic nail from the water tank, or else the machine will not turn on, or will not properly turn off when the tank is full, leaking condensate to cause floor damage.



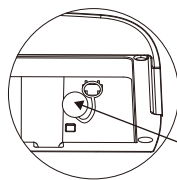
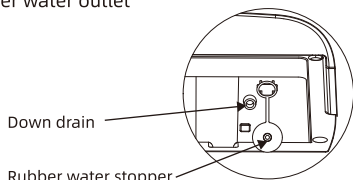
- 2、Make sure to drain the water tank thoroughly and put the water tank back in place.
- 3、If the water tank is dirty, simply clean it by rinsing. Avoid using detergent sprays, steel balls, and any chemicals that can damage the water tank.
- 4、Make sure to return the water tank to the right position, or else the Water Full indicator may appear red at all times, causing the machine unable to turn on.

MAINTENANCE

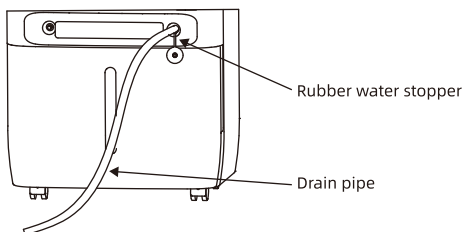
Continuous Drainage

1. Remove the water tank from the body;
2. Take out the rubber stopcock located at top right of the water tank to block the water outlet; Put the water tank back in place.

lower water outlet

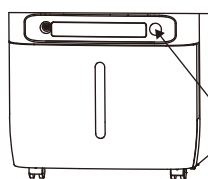
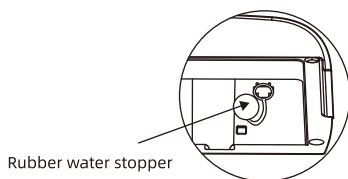


3. Remove the rubber stopcock; plug a 11.0mm PVC drain hose into the water outlet located on top of the water tank. You may connect the other end of the hose to any container or drainage area you desire.

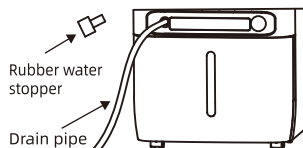


Automatic Drainage

1. Remove the water tank from the body; take out the rubber stopcock located at top right of the water tank to block the water outlet; Put the water tank back in place.
2. Make sure the continuous drainage outlet is being blocked by a rubber stopcock.



3. Remove the rubber stopcock; plug a 6.0mm PVC drain hose into the water outlet located on top of the water tank. You may connect the other end of the pipe to any container or drainage area you desire.



MAINTENANCE

Cleaning & Maintenance

⚠ Warning: Before cleaning or conducting maintenance, please turn off and unplug the machine to avoid the risk of electrocution.

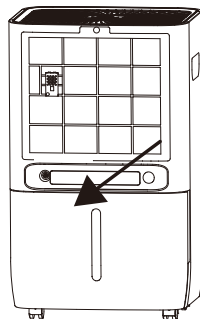
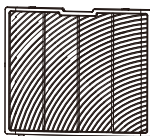
Filter Cleaning Instruction

This machine comes with a washable filter. It is strongly advised to rinse the filter every two weeks. Any dust blocking the filter will potentially affect the machine's functionality.

Cleaning the Air Filter

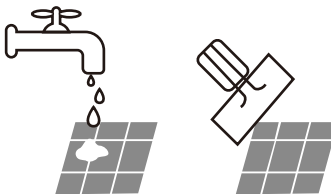
I . Taking out the Filter

1.Remove the filter frame and take off the filter.



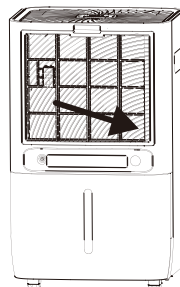
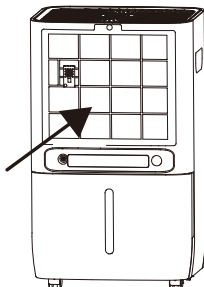
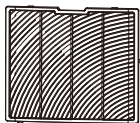
II . Filter Cleaning

Submerge the filter in 100°F warm water, clean it with mild detergent. Use a vacuum cleaner to gently brush off any dust on the surface of the filter.



III.Filter Installation

Filter needs to be locked in place



TROUBLE SHOOTING

The following list includes any problems you may encounter from daily usage. Note: These problems are not caused by material or manufacturing defects.

Problem	Possible Cause	Solution
Not turning on	Power cord not connected properly	Make sure the power cord is properly plugged into the machine and a power source.
	Tank-Full-Indicator On (Water tank is full or water tank not in place)	Make sure the water tank is properly drained and that it is put in place.
	Ambient Temperature too high/low (protection mechanism triggered)	Make sure the machine is under proper temperature (40 ~ 100 °F)
Humidity Level not Dropping	Filter Clogged	Wash the filter thoroughly as instructed
	intake vent or discharge duct obstructed	Remove any object blocking the intake vent or discharge duct.
No Air Intake	Filter Clogged	Wash the filter thoroughly as instructed
Loud Noise	Machine tilted or upside down	Make sure the machine is standing upright
	Filter Clogged	Wash the filter thoroughly as instructed
Error Code 'E2'	Humidity sensor problem	Change the sensor
Error Code 'E4'	If the water pump runs for 30 seconds and detects a full water tank, this code will appear and the machine will shut down	Place a container at the bottom right of the water tank, remove the rubber stopcock at the water outlet, drain the water out
Error Code 'E0'	Communication line malfunction, machine will shut down	Check up on the communication line
Error Code 'CL'	When the ambient temperature drops below 40°F, this error code appears, the compressor and the fan will shut down	

TROUBLE SHOOTING

Error Code 'CH'	When the ambient temperature goes above 100°C, this error code appears, the compressor and the fan will shut down
Error Code 'LO'	When the ambient humidity drops below 20%, this error code appears, the compressor and the fan will shut down
Error Code 'HI'	When the ambient humidity goes above 90%, this error code appears, the compressor but the fan stays on

Warning:

If the tank-full-indicator is always on, there may be a malfunction in the machine. Please seek technical support from professionals.

If anything unexpected happens, please turn off and unplug the machine immediately, and seek technical support from certified electrical engineers.

Disposal

Do not dispose of electrical appliances as unsorted municipal waste. Instead, use designated collection facilities.

Contact your local government for information regarding the available disposal collection system.

