

Dehumidifier

Instruction Manual

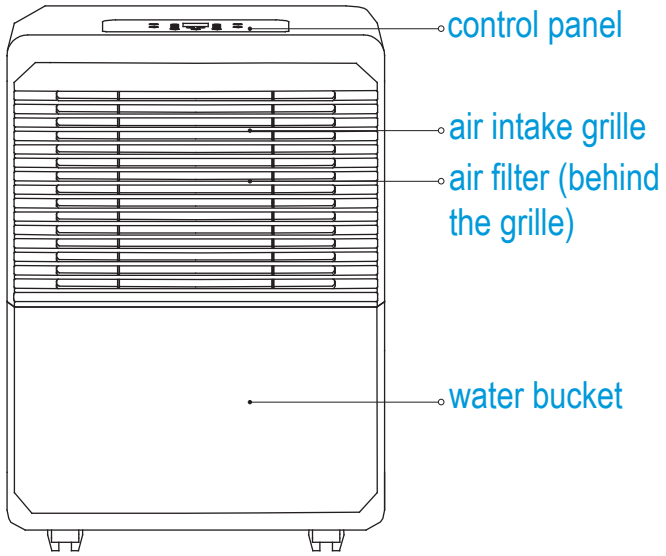
Thank you very much for purchasing our dehumidifier.
Before using your dehumidifier, please read this owner's manual carefully and keep it for future reference.

READ AND SAVE THESE INSTRUCTIONS!

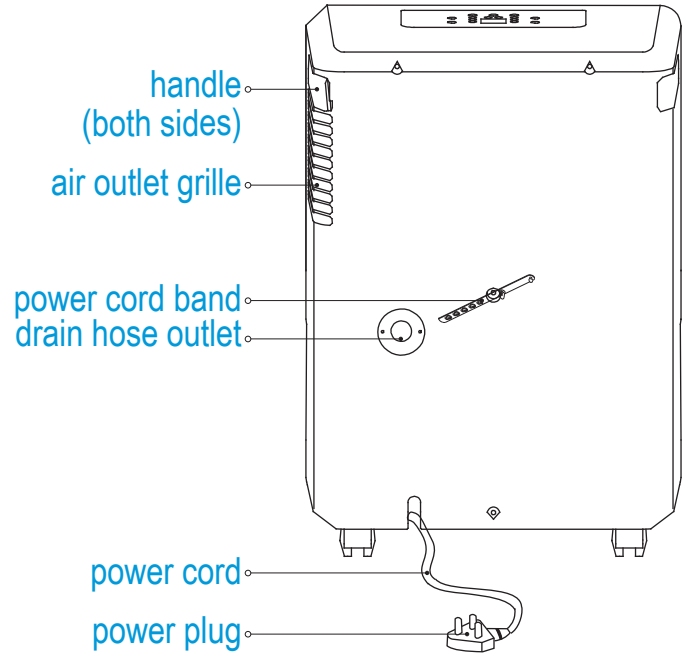
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Preparation



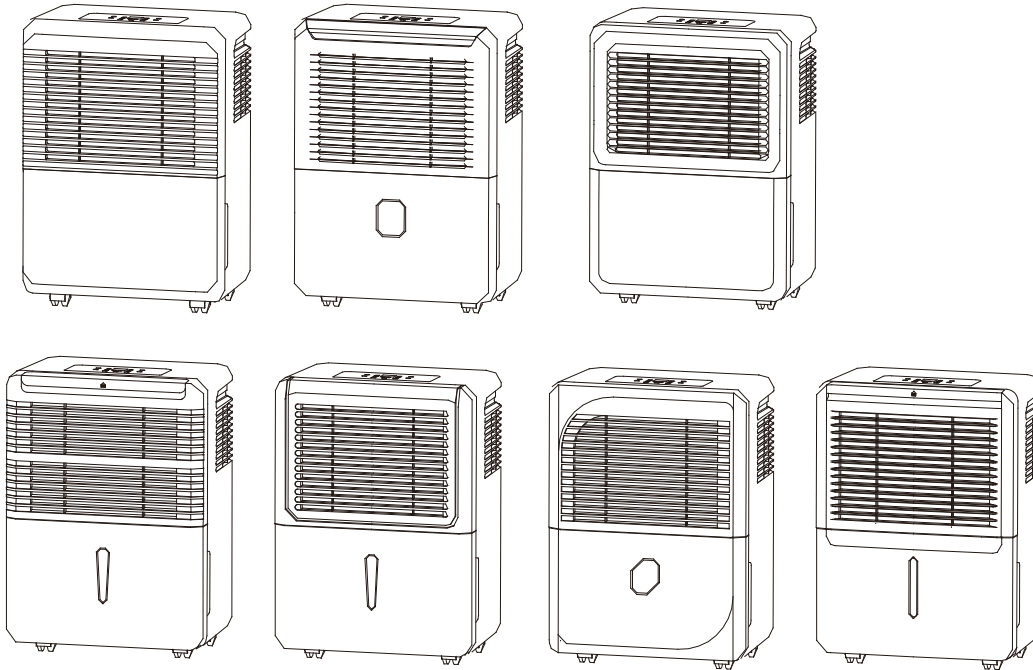
front



rear

Preparation

NOTE: The unit you purchased may be look like one of the followings:



Safety Precautions

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring of instructions may cause harm or damage.

- Do not exceed the rating of the power outlet or connection device.
- Do not operate or stop the unit by switching on or off the power.
- Do not damage or use an unspecified power cord.
- Do not modify power cord length or share the outlet with other appliances.
- Do not insert or pull out plug with wet hands.
- Do not install the appliance in a location that may be exposed to combustible gas.
- Do not place the unit near a heat source.
- Disconnect the power if strange sounds, smell, or smoke comes from it.
- You should never try to take apart or repair the unit by yourself.
- Before cleaning, turn off the power and unplug the unit.
- Do not use the machine near flammable gas or combustibles, such as gasoline, benzene, thinner, etc.
- Do not drink or use the water drained from the unit.
- Do not take the water bucket out during operation.
- Do not use the unit in small spaces.
- Do not put in places where water may splash onto the unit.
- Place the unit on a level, sturdy section of the floor.
- Do not cover the intake or exhaust openings with cloths or towels.
- Care should be taken when using the unit in a room with the following persons: infants, children, elderly people, and people not sensitive to humidity.
- Do not use in areas where chemicals are handled.
- Never insert your finger or other foreign objects into grills or openings. Take special care to warn children of these dangers.
- Do not place heavy object on the power cord and take care so that the cord is not compressed.
- Do not climb up on or sit on the unit.
- Always insert the filters securely. Clean filter once every two weeks.
- If water enters the unit, turn the unit off and disconnect the power, contact a qualified service technician.
- Do not place flower vases or other water container on top of the unit.

Electrical Information:

- The manufacturer's nameplate is located on the rear panel of the unit and contains electrical and other technical data specific to this unit.
- Be sure the unit is properly grounded. To minimize shock and fire hazards, proper grounding is important. The power cord is equipped with a three-prong grounding plug for protection against shock hazards.
- Your unit must be used in a properly grounded wall receptacle. If the wall receptacle you intend to use is not adequately grounded or protected by a time delay fuse or circuit breaker, have a qualified electrician install the proper receptacle.

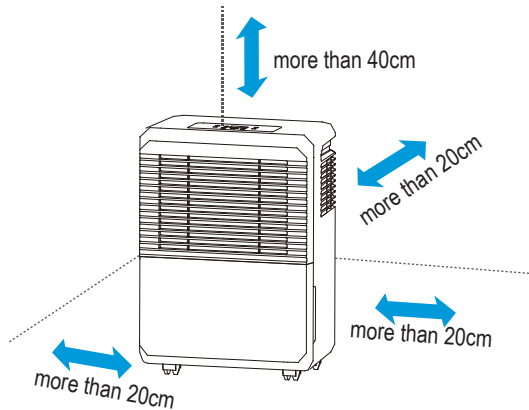
| Cautions

- This appliance can be used by children aged from 8 years and above and person with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play the appliance. Cleaning and user maintenance shall not be made by children without supervision. (be applicable for the European Countries)
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. (be applicable for other countries except the European Countries)
- Children should be supervised to ensure that they do not play with the appliance.
- 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.
- Prior to cleaning or other maintenance, the appliance must be disconnected from the supply mains.
- Do not install the appliance in a location that may be exposed to combustible gas.
- If combustible gas accumulates around the unit, it may cause fire.
- If the appliance is knocked over during use, turn off the unit and unplug it from the main power supply immediately. Visually inspect the unit to ensure there is no damage. If you suspect the unit has been damaged, contact a technician or customer service for assistance.
- In a thunderstorm, the power must be cut off to avoid damage to the machine due to lightning.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.
- Do not operate any fan with a damaged cord or plug. Discard fan or return to an authorized service facility for examination and/or repair.
- To reduce the risk of fire or electric shock, do not use this fan with any solid-state speed control device.
- The appliance shall be installed in accordance with national wiring regulations.
- Contact the authorised service technician for repair or maintenance of this unit.

Operation

Place correctly

-This unit is designed to operate with a working environment between 5°C(41°F) and 35°C(95°F).



Casters(Installed at four points on the bottom of unit)

-Do not force casters to move over carpet, nor move the unit with water in the bucket.

(The unit may tip over and spill water.)

NOTE: Casters is optional, some models without.

Smart functions:

-Auto Shut Off

When the bucket full indicator light illuminates and the setting humidity is reached, the unit will be shut off automatically.

-Wait 3 minutes before resuming operation

After the unit has stopped, it cannot restart operation in the first 3 minutes. This is to protect the unit. Operation will automatically start after 3 minutes.

-Auto Defrost

When frost builds up on the evaporator coils, the compressor will cycle off and the fan will continue to run until the frost disappears.

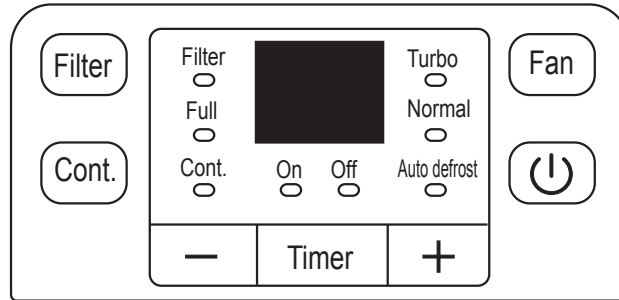
-Auto-Restart

If the unit breaks off unexpectedly due to the power cut, it will restart with the previous function setting automatically when the power resumes.

NOTE:

All the illustrations in the manual are for explanation purpose only. Your machine may be slightly different. The actual shape shall prevail. The design and specifications are subject to change without prior notice for product improvement. Consult with the sales agency or manufacturer for details.

Operation



Filter Filter button

The check filter feature is a reminder to clean the Air Filter for more efficient operation. The Filter light (Clean filter light) will illuminate after 250 hours of operation. To reset after cleaning the filter, press the Filter button and the light will go off.

Cont. Continue button



Press to activate the continuous dehumidifying operation.

- Down/Up buttons

- **Humidity Set Control Buttons**
The humidity level can be set within a range of 35%RH (Relative Humidity) to 85%RH (Relative Humidity) in 5% increments.
For drier air, press the **-** button and set to a lower percent value(%).
For damper air, press the **+** button and set a higher percent value(%).
- **Timer Set Control Buttons**
Press to initiate the Auto start and Auto stop feature, in conjunction with the **+** and **-** buttons.

Operation

Timer button

Press to initiate the Auto start and Auto stop feature, in conjunction with the  and  buttons.

- When the unit is on, first press the Timer button, the Timer Off indicator light illuminates. It indicates the Auto Stop program is initiated. Press it again the Time On indicator light illuminates. It indicates the Auto Start is initiated.
- When the unit is off, first press the Timer button, the TIMER ON indicator light illuminates. It indicates the Auto Start program is initiated. Press it again the Time Off indicator light illuminates. It indicates the Auto Stop is initiated.
- Press or hold the UP or DOWN button to change the Auto time by 0.5 hour increments, up to 10 hours, then at 1 hour increments up to 24 hours. The control will count down the time remaining until start.
- The selected time will register in 5 seconds and the system will automatically revert back to display the previous humidity setting.
- When the Auto start & Auto stop times are set, within the same program sequence, TIMER ON OFF indicator lights illuminate identifying both ON and OFF times are now programmed.

- Turning the unit ON or OFF at any time or adjusting the timer setting to 0.0 will cancel the Auto Start/Stop function.
- When LED display window displays the code of P2, the Auto Start/Stop function will also be cancelled.









Fan button

Control the fan speed. Press to select either High or Normal fan speed. Set the fan control to High for maximum moisture removal. When the humidity has been reduced and quiet operation is preferred, set the fan control to Normal.

Power button

Press to turn the dehumidifier on and off.

Indicator lights

 Filter	Filter light
 Full	Bucket full light
 Cont. On	Continuous dehumidifying light
 Off	Timer on light
 Turbo	Timer off light
 Normal	High fan light
 Auto defrost	Low fan light
 Auto defrost	Auto defrost light

Operation

LED display

Shows the set % humidity level from 35% to 85% or auto start/stop time (0~24) while setting, then shows the actual ($\pm 5\%$ accuracy) room % humidity level in a range of 30%RH(Relative Humidity) to 90%RH(Relative Humidity).

Error Codes:

AS- Humidity sensor error.

ES- Temperature sensor error.

Protection Codes:

P2- Bucket is full or not in right position-- Empty the bucket and replace the bucket in the right position.

Note: When one of the above malfunctions occurs, turn off the unit, and check for any obstructions. Restart the unit, if the malfunction is still present, turn off the unit and unplug the power cord. Contact the manufacturer or its service agents or a similar qualified person for service.

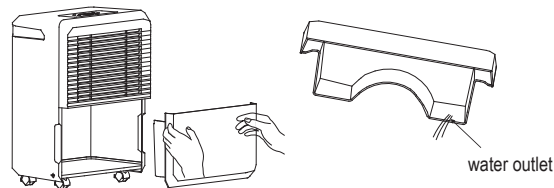


Removing the collected water

There are two ways to remove collected water:

1. Use the bucket

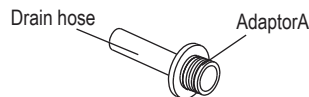
When the bucket is full, remove the bucket and empty it.



2. Continuous draining

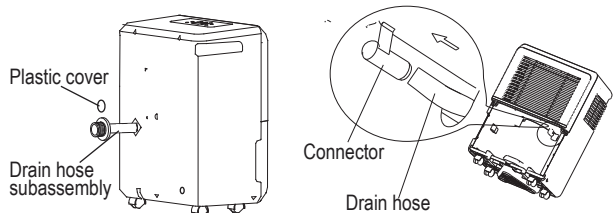
Water can be automatically emptied into a floor drain by attaching the unit with a water hose (ID $\geq \Phi 5/16$ ", not included) with a female threaded end (ID: M=1", not included).

-Drain hose subassembly: Install the drain hose onto the adaptor A (placed in the bucket).

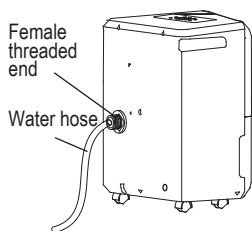


-Remove the plastic cover from the back drain outlet of the unit and set aside and remove bucket, then insert the drain hose through the drain outlet of the unit and securely press it into the connector on the front of the unit. Tighten the adaptor A and the unit by using two screws (placed in the bucket).

Operation



-Install the female threaded end of the water hose into the adaptor A, then lead the water hose to the floor drain or a suitable drainage facility.



NOTE:

- Make sure the connection is tight and there is no leak.
- Lead the water hose to the floor drain or a suitable drainage facility, the drainage facility should be lower than the drain outlet of the unit.
- Be sure to run the water hose sloping downward to let the water flow out smoothly.
- When the continuous drain feature is not being used, remove the drain hose from the outlet.

Maintenance

Care and cleaning of the dehumidifier

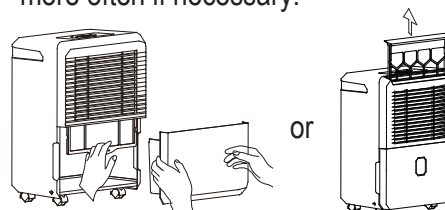
WARNING: Turn the dehumidifier off and remove the plug from the wall outlet before cleaning.

1. Clean the bucket

Clean the bucket with water every few weeks.

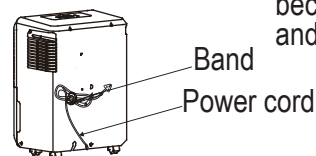
2. Clean the air filter

Clean the filter with water at least every 30 days or more often if necessary.



CAUTION: DO NOT operate the dehumidifier without a filter because dirt and lint will clog it and reduce performance.

3. Store the unit



- When not using the unit for long time periods
- After turning off the unit, wait one day before emptying the bucket.
- Clean the main unit, bucket and air filter.
- Wrap the cord and bundle it with the band.
- Cover the unit with a plastic bag.
- Store the unit upright in a dry, well-ventilated place.

Faults Diagnosis

Please check the machine according to the following form before asking for maintenance:

Faults Diagnosis	What to check
Unit does not start	<ul style="list-style-type: none">-Make sure the dehumidifier's plug is pushed completely into the outlet.-Check the house fuse/circuit breaker box.-Dehumidifier has reached its preset level or bucket is full.-Bucket is not in the proper position.
Dehumidifier does not dry the air as it should	<ul style="list-style-type: none">-Did not allow enough time to remove the moisture.-Make sure there are no curtains, blinds or furniture blocking the front or back of the dehumidifier.-The humidity selector may not be set low enough.-Check that all doors, windows and other openings are securely closed.-Room temperature is too low, below 5°C(41°F).-There is a kerosene heater or something giving off water vapor in the room.
The unit makes a loud noise when operating	<ul style="list-style-type: none">-The air filter is clogged.-The unit is tilted instead of upright as it should be.-The floor surface is not level.
Frost appears on the coils	<ul style="list-style-type: none">-This is normal. The unit has Auto defrost feature.
Water on floor	<ul style="list-style-type: none">-Hose to connector or hose connection may be loose.-Intend to use the bucket to collect water, but the back drain plug is removed.

Please request for repair if operate abnormally or does not operate, and the solutions above is useless.

| Sociable Remark

When using this dehumidifier in the European countries, the following information must be followed:

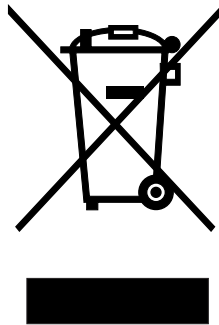
DISPOSAL: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

It is prohibited to dispose of this appliance in domestic household waste.

For disposal, there are several possibilities:

- A) The municipality has established collection systems, where electronic waste can be disposed of at least free of charge to the user.
- B) When buying a new product, the retailer will take back the old product at least free of charge.
- C) The manufacture will take back the old appliance for disposal at least free of charge to the user.
- D) As old products contain valuable resources, they can be sold to scrap metal dealers.

Wild disposal of waste in forests and landscapes endangers your health when hazardous substances leak into the ground-water and find their way into the food chain.



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