

Read This Manual

Inside you will find many helpful hints on how to use and maintain your Dehumidifier properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your Dehumidifier. You'll find many answers to common problems in the troubleshooting tips - you should be able to fix most of them quickly before calling service. These instructions may not cover every possible condition of use, so common sense and care for safety is required when installing, operating and maintaining this product.



CAUTION

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or, 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 mental capabilities safety.
- Children should be supervised to ensure that they do not play with the appliance
- The appliance shall be installed in accordance with national wiring regulations.

SAFETY PRECAUTIONS

To prevent injury to the user or personal and property damage, these instructions must be followed. Incorrect operation due to ignoring of instructions may cause harm or damage. The level of risk is shown by the following indications.

WARNING

This symbol indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

This symbol indicates a hazardous situation, which, if not avoided, could result in minor or moderate injury.

NOTICE

This symbol addresses practices not related to physical injury.

WARNING

- Plug in power plug properly.
Otherwise, it may cause electric shock or fire due to excess heat generation.
- Do not modify power cord length or share the outlet with other appliances.
It may cause electric shock or fire due to overheating.
- Always ensure effective grounding.
Incorrect grounding may cause electric shock.
- Unplug the unit if strange sounds, smells, or smoke come from it.
A damaged product may cause fire and electric shock.
- Ventilate room before operating the unit if there is a gas leak from other appliances.
- Do not operate or stop the unit by inserting or pulling out the power plug.
It may cause electric shock.
- Do not allow water to enter into electric parts.
It may cause failure or electric shock.
- Do not use the power outlet if it is loose or damaged.
It may cause fire and electric shock.
- Do not use or keep the power cord close to heating appliances or heat sources such as fireplaces.
It may cause fire and electric shock.
- Do not disassemble or modify unit.
It may cause failure and electric shock.
- Do not damage or use an unspecified power cord.
It may cause fire and electric shock.
- If the power cord is damaged, it must be replaced by the manufacturer or an authorized service center or a similarly qualified person in order to avoid electrical risk.
- Do not use the unit near flammable gas or combustibles, such as gasoline, benzene, thinner, etc.
It may cause fire.

 **WARNING**




- Before cleaning, turn off the power and unplug the unit.
 - Be sure the dehumidifier has been securely and correctly installed according to the installation instructions in this manual. Save this manual for possible future use in removing or installing this unit.
 - Do not operate with wet hands.
It may cause electric shock.
 - Do not open the unit during operation.
It may cause electric shock.
 - Avoid fire hazard or electric shock.
Do not use an extension cord or an adaptor plug. Do not remove any prongs from the power cord.
 - Be sure the dehumidifier 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 dehumidifier 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. Ensure the receptacle is accessible after the unit installation.
 - Be sure the electrical service is adequate for the model you have chosen. This information can be found on the serial plate, which is located on the side of the cabinet and behind the grille.
 - Do not drink the water from the bucket.
 - Before cleaning, turn off the power and unplug the unit.
 - Do not use the unit in small spaces or place in a sink or shower.
Lack of ventilation can cause overheating and fire.
1. 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.
 2. Children should be supervised to ensure that they do not play with the appliance.
 3. 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.

This product can operate within an environment with humidity ranging from 20%RH to 95%RH and a temperature range of 5° C to 35° C.

 **CAUTION**

- Do not use in places where water may splash onto the unit. Water may enter the unit and degrade the insulation. It may cause an electric shock or fire.
- Place the unit on a level, sturdy section of the floor. If the unit falls over, it may cause water to spill and damage belongings, or cause electrical shock or fire.
- Never insert your finger or other foreign objects into grills or openings. Take special care to warn children of these dangers. It may cause failure or electric shock.
- Do not climb up on or sit on the unit. You may be injured if you fall or if the unit falls over.
- Always insert the filters securely, and take caution to avoid injuries to hand and fingers. 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 containers on top of the unit. Water may spill inside the unit, causing insulation failure and electrical shock or fire.
- If the unit 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 customer service or a qualified technician.
- In a thunderstorm, the power should be disconnected to the unit due to lightning.
- Do not run power 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.
- Clean the bucket regularly.

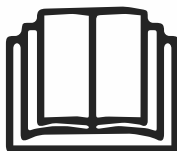
EXPLANATION OF SYMBOLS DISPLAYED ON THE UNIT

	CAUTION	This symbol shows that the operation manual should be read carefully.
	CAUTION	This symbol shows that a service personnel should be handling this equipment with reference to the installation manual.
	CAUTION	This symbol shows that information is available such as the operating manual or installation manual.



WARNING

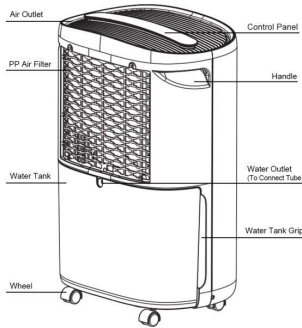
- Do not try to accelerate the defrosting process or methods of cleaning that are not recommended by the manufacturer.
- The appliance shall be stored in a room without a continuously operating ignition source (for example, open flames or an operating gas appliance) or an ignition source (for example, an operating electric heater) close to the appliance. The appliance shall also be stored in a room without ignition sources.
- Do not pierce or burn.
- Be aware that the refrigerants may not contain an odor.
- Keep ventilation openings clear of obstruction.
- No open fire or devices that generate spark/arcing shall be around the air conditioner to avoid causing ignition of the flammable refrigerant used. Please follow the instructions carefully to store or maintain the air conditioner to prevent mechanical damage from occurring.



IMPORTANT NOTE: Read this manual carefully before installing or operating your new air conditioning unit. Make sure to save this manual for future reference.

UNIT SPECIFICATIONS AND FEATURES

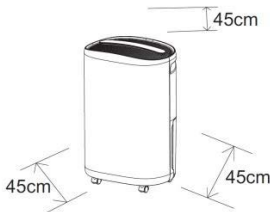
DESCRIPTION OF EACH COMPONENTS



Note: Picture is for illustration purpose and might be different from actual product. Please refer to actual product.

MACHINE PLACEMENT REQUIREMENTS




- The machine need to be placed on flat and solid surface that can carry the weight of the machine at full water level.
- When using the dehumidifier, all doors and windows should be closed, as the outdoor humidity will increase the workload of the machine.
- Make sure there is at least 45cm of clearance from rear, and side inlet suction and space above for the machine top air outlet.
- Do not place the dehumidifier in the room with temperature lower than 5°C and not exceed 35°C. Otherwise the machine will not work.



CONTROL PANEL
















OPERATING INSTRUCTIONS



- The control panel consists of 5 touch buttons, there are  Power ON/OFF, , +/- to set Humidity or Timer level and  MODE button. There will be a "Beep" sound every time the button is touched.



- Two-Digit number display as following functions:
 - When turn on the machine, it shows the humidity level.
 - When doing humidity level setting, it shows the value of target humidity level
 - When doing ON/OFF Timer setting, it show the timer setting.
- Before start the dehumidifier, make sure the water tank is empty and properly installed in the dehumidifier.
- Every time the dehumidifier power is OFF, interrupted or unplugged, once the power is restored, the controller will return to the original setting.

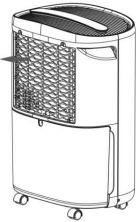
I. ON/OFF	
 POWER	ON/OFF: When the product is turned on, pressing this button will display the humidity value; when the product is turned off, pressing this button will stop the product from operating. (Touch the button for controlling power on and off).
II. OPERATION INDICATORS	
 MODE	<p>Press the  Mode button in following sequence  Automatic,  HUM SET and  Dry cloth Mode, the machine will have "Beep" sound and the corresponding operation mode indicator will blink for 5 sec and light up once mode is confirmed.</p> <p>CO MODE (DRY CLOTH)- </p> <ul style="list-style-type: none"> Suitable to dry cloth. Default target humidity level is 55% and not adjustable, fan speed will always turn to high. <p>HUM SET MODE </p> <ul style="list-style-type: none"> Default target humidity level is 55% and can be adjustable (Please refer to +/- button setting).

	<ul style="list-style-type: none"> ▪ If the humidity level <10% lower than room humidity level, fan speed will turn to low. ▪ Compressor will stop working once reach the target humidity level. <p>AUTOMATIC MODE- A</p> <ul style="list-style-type: none"> ▪ Default target humidity level is 55% and not adjustable. Machine will adjust the fan speed automatically. ▪ When environment humidity is $\geq 70\%$, the machine will turn fan to high speed. ▪ When the environmental humidity is 55%-70%, the machine will turn fan to low speed. ▪ When the environmental humidity is < 55%, compressor stop working.
 <p>TIMER</p>	<p>Press TIMER  key to set ON/OFF time as following:</p> <ul style="list-style-type: none"> ▪ When machine is operating, press the TIMER can set the OFF timer, range 1-24 Hours. When setting the time, the Two-Digit display will show 0, press + /- to increase /decrease 1 to 24 Hours OFF timer. ▪ When machine is standby mode (OFF), press the TIMER can set the ON timer, range 1-24 Hours. When setting the time, the Two-Digit display will show 0, press + /- to increase /decrease 1 to 24 Hours ON timer. <p>NOTE: While setting the TIMER, the Two-Digit display will blink for 5 seconds. After 5 Seconds the Timer will be set and Two-Digit display will return back to show humidity level. Once the TIMER has been set, press the TIMER can check the remaining time shown on the Two-Digit display.</p>
  <p>RH%/Hr RH%/Hr</p>	<p>Target humidity level can only be set under NORMAL  Mode</p> <ul style="list-style-type: none"> ▪ To set the targeted Humidity level, press the + or -to set the humidity, and the setting cycle range is 20 %-95 %-CO-20 % (5% step size)-CO(forced operation). The above setting cycle is adjustable. When setting the humidity, the Two-Digit display will flash for 5 seconds. Targeted humidity level will be set and confirmed after 5 seconds. <p>NOTE: CO: Machine's compressor will keep running regardless of the humidity level.</p>

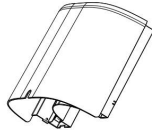
 TANKFUL	<p>FULL TANK indicator</p> <ul style="list-style-type: none"> ▪ When FULL Tank indicator is light up, please take out the tank and dispose the water inside the tank. ▪ When machine is ON, FULL TANK indicator is light up, machine will not operate at the same time it will "beep" for 20 seconds. <p>FULL TANK indicator will be turn off, when machine detect the water tank is not full yet.</p>
 DEFROST	<p>Defrost Explanation:</p> <ul style="list-style-type: none"> ▪ When Room temperature is >20°C, machine continue run, defrost will not be activated. ▪ When Room temperature is 12°C -20°C, machine compressor will run for 20-50 mins, stop 5-20 minutes to defrost, and compressor will work again, continue in this cycle. (The actual turn-off time depends on the ambient temperature conditions.) ▪ When Room temperature is 5°C -12°C, machine compressor will run for 20-50 mins, stop 5-20 minutes to defrost, and compressor will work again, continue in this cycle. (The actual turn-off time depends on the ambient temperature conditions.) ▪ When machine enter defrost mode, The defrosting light on the product display window is flashing.

IV. DISPOSE WATER IN WATER TANK

- a. Gently use 2 hands to hold both side of the water tank as shown in (PIC 1)
- b. Dispose the water in the water tank (PIC 2), DO NOT DRINK THE WATER
- c. Do not remove the float in the water tank (PIC 3). If the float is removed, the machine can no longer detect FULL WATER.
- d. If the water tank is dirty, please use cold or warm water ONLY to clean it.
- e. Use 2 hands to insert the water tank back to the machine. Ensure the water tank is properly place (PIC 4). If it is not properly place, the FULL TANK indicator might be activated and machine will stop running.



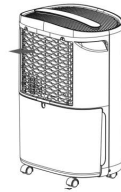
(PIC 1)



(PIC 2)



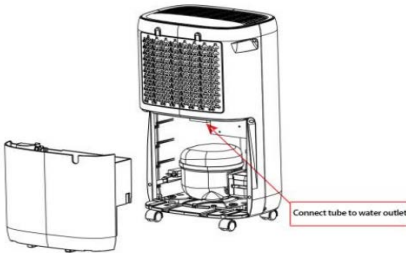
(PIC 3)



(PIC 4)

V. DISPOSE WATER USING TUBE

- a. If you do not wish to always need to dispose water in the water tank, you can install the tube (diameter 10mm) directly onto the machine water outlet, as depicted in (Pic 6).
- b. Firstly, gently use 2 hands to take out the water tank from the machine (PIC 5). And find out the water outlet, which is located on top of the water tank slot. (refer to PIC6).
- c. Find a suitable length tube and insert on the water outlet, and ensure there will be no leaking in the connection to avoid water leaking.



(PIC 5)

(PIC 6)

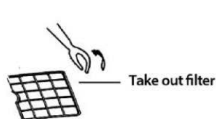
VI. FILTER INSTALLATION AND CLEANING

- Remove the filter case from the machine (PIC 7).
- Take out the filter from the filter case (PIC 8).
- The filter is washable and can use clean water to clean it (PIC 9).
- Once the filter is dried, put it back to filter case and install the case with filter back to machine.

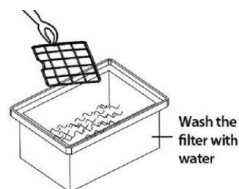
NOTE: To improve the dehumidification efficiency, suggest to clean the filter once a week.



(PIC 7)



(PIC 8)



(PIC 9)

VII. PRECAUTIONS FOR USE

- The machine operational temperature 5°C-35°C.
 - While the machine running, the compressor will generate heat, it might cause the room temperature go up, which is normal.
 - Please do not put any part or object into the water tank.
 - When switching the MODE, the compressor will enter 3 minutes safety protection mode.
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- Above parameters might have $\pm 5\%$ accuracy error compare to test lab environment and setup
 - Any changes in the parameters, please refer to the product rating label as reference.
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- Use a wet cloth to clean the outside DO NOT splash water onto the dehumidifier.
 - Clean the inside of the water tank with an antibacterial cleaner every few weeks to avoid the build up of bacteria. The tank has a float water level for FULL TANK indication and must be placed in the right position.