

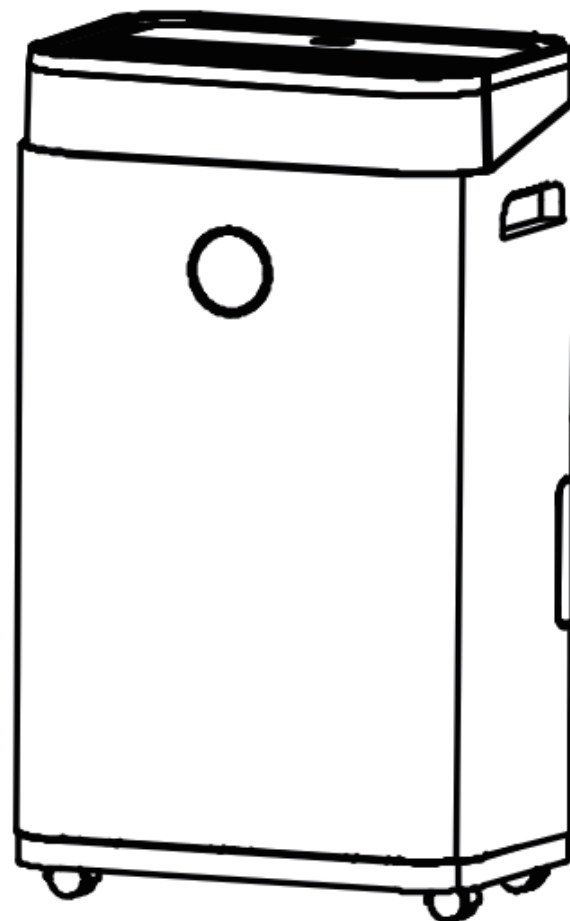


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USER'S MANUAL

Dehumidifier ES10105US

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 the professional service 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 OPERATION 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 should 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.

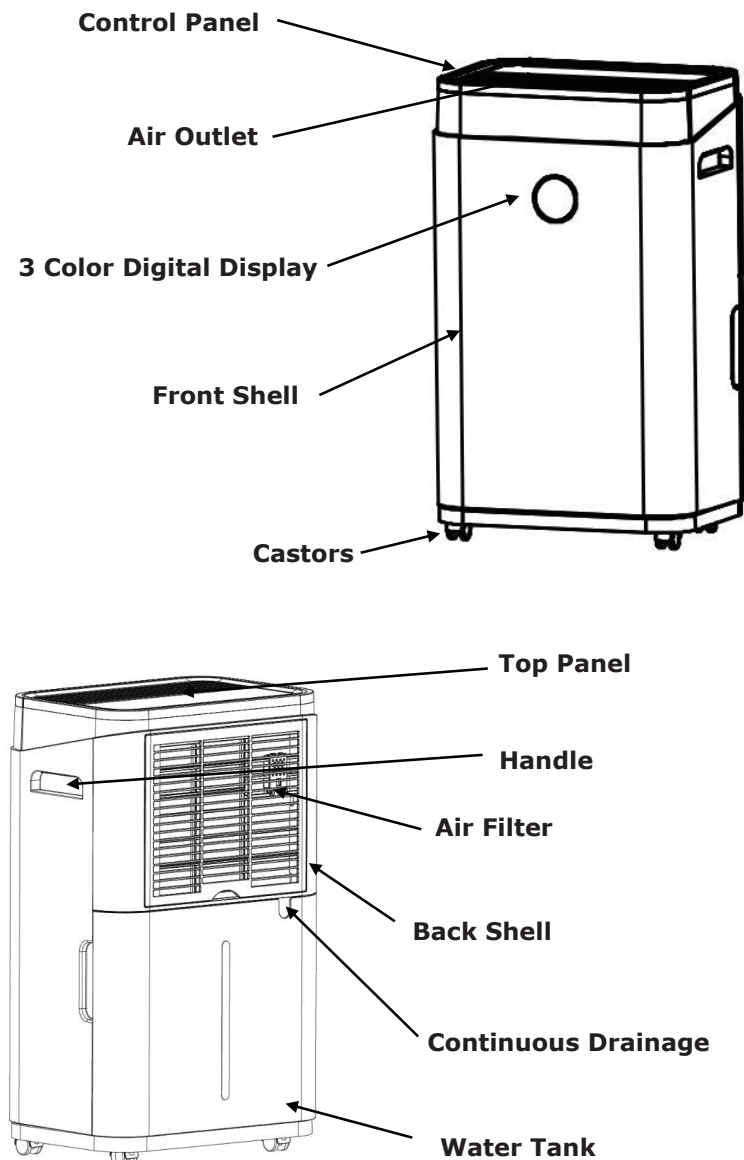
- Do not leave the unit running unattended. Do not tilt or turn over the unit.
- Do not unplug while the unit is operating.
- Do not unplug by pulling on the power cord.
- Do not use an extension cord or an adapter plug.
- Do not put objects on the unit.
- Do not climb or sit on the unit.
- Do not insert fingers or other objects into the air outlet.
- Do not touch the air inlet.
- 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 should 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 should be stored in a room without a continuous power supply (for example: open flames, an operating gas appliance or an operating electric heater).
- The appliance should 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.
- Pipework should be protected from physical damage and should not be installed in an unventilated space, if that space is smaller than 4m².
- Compliance with national gas regulations should be observed.
- Keep any required ventilation openings clear of obstruction.
- The appliance should 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.

⚠ Servicing should only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel should be carried out under the supervision of the person competent in the use of flammable refrigerants.

If you have unclear questions or need help, please contact our customer service.

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
- ✓ Antibacterial filter
- ✓ Continuous drainage or 6.5L water tank

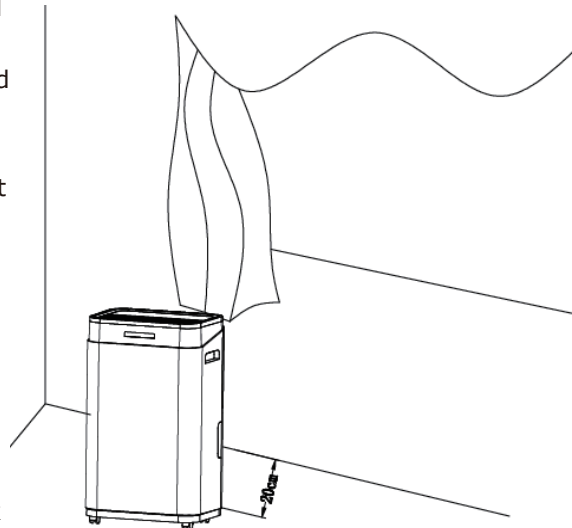
4. INSTALLATION

4.1 LOCATION

1. Place the unit on a firm, level surface in an area with at least 30cm(12") 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, heating registers, stoves or other products that generate heat.
- In an area where oil or water can be splashed
- Direct sunlight
- Mechanical vibration or shock
- Excessive dust
- Poor ventilation, e.g. closet or bookcase
- Uneven surface



4.2 SAFE OPERATION OF EQUIPMENT

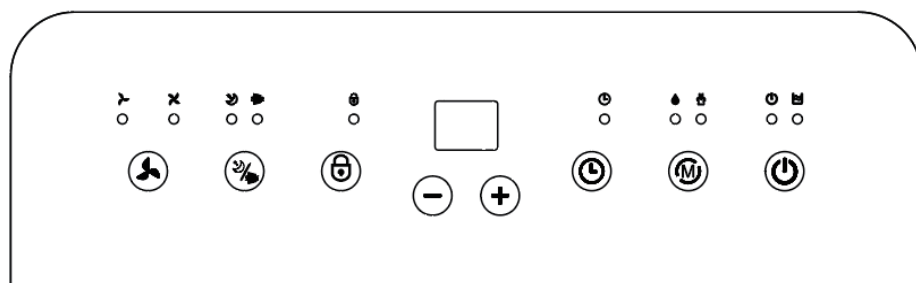
- Check the device after unpacking for any damages or scratches on it.
- Operate this unit in an ambient temperature from 5°C to 38°C(41°F to 100.4°F).
- Do not use it outdoors. This dehumidifier is intended for indoor residential applications only.
- Do not operate in close proximity to walls, curtains, or other objects that may block the air inlet and outlet.
- Keep the air inlet and outlet free of obstacles.
- Adjust the wind deflector upwards before starting.
- If the tilt exceeds 45°, please let the device stand upright for at least 24 hours before starting.
- Keep doors and windows closed to better save energy.
- Do not operate or store the unit in direct sunlight or rain.
- It is normal for the 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.
- The compressor has a protection delay of 3 minutes. Wait 3 minutes for the dehumidifier to resume dehumidification.

5. OPERATION

5.1 CONTROL PANEL

Ambient humidity < 45%, it shows blue
 45% ≤ ambient humidity ≤ 65%, it turns green;
 ambient humidity > 65%, it displays red

5.2 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 will be turned off after a delay of 30 seconds.




Mode button

• **Auto mode:**  The unit is equipped with a modern hygrostat (humidity controller) and switches off automatically after reaching the desired humidity in order to save energy. The compressor switches off first and the fan turns off after 30 seconds. When the humidity in the room rises again, the unit switches on automatically. When automatic mode is activated, the target humidity can be set between 30% and 80% in 5% increments 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.

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 active the timer function and then press the   to set the time. Each time you press this button, the value increases by 1 hour, and the value "88" is displayed on the display.

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".

Whatever the state is, the timer indicator  lights up when the timer is set.

Set the time to "00" to cancel the timing function.



Increase button

Press this button to set up humidity and timing time; humidity adjustment sequence is 30% to 35% - 40% - 45% - 50% - 55% - 60% - 65% - 70% - 75% - 80% - 30%;

The time is set to 00, press this key, it will display 00 and flash, and then every time you press this key, the timing time will be from 01-02-03-..... to 24 .




Decrease button

Press this button to lower humidity setting and timing time; humidity adjustment sequence is 30% to 80% - 75% - 70% - 65% - 60% - 55% - 50% - 45% - 40% - 35% - 30%;

The time is set to 00, press this key, it will display 00 and flash, and then every time you press this key, the timing time will be 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  will turn on or off accordingly.



Sleep/Reset

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, child lock and power dim. All other displays go out.

Start the timer before activating the sleep function, and the dehumidifier will turn off when the set running time is reached.



If the filter indicator lights up, the dust filter must be checked/cleaned/replaced. Then the display can be reset by pressing and holding (at least 3 seconds) the Sleep/Reset button.



Speed

High speed - low speed cycle, press the button once to switch and then the corresponding indicator light is on.

5.4 DRAINAGE

There are two ways to remove the collected water produced by the unit.

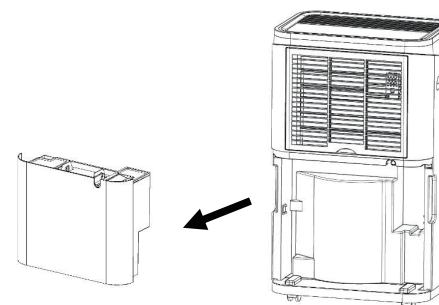
A.Manual draining: Manually empty the water tank.

B.Continuous draining: Use gravity to drain the condensed water by connecting the drain hose.

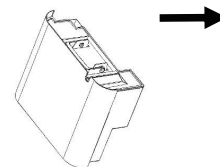
5.4.1 EMPTY THE WATER TANK

The built-in device in the water tank of the unit fills the water tank with water and shuts down the unit when the water is full. After the water tank is emptied and installed, it will run again.

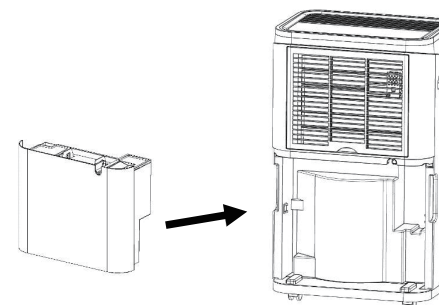
- 1) When the tank is full, the unit will make a buzzing sound, and the "Water Full" light will turn on.
- 2) Press the POWER button to turn off the unit.
- 3) Pull on the water tank and simply slide out of the body of the dehumidifier.
- 4) Empty the water into an area with a drain or outside.
- 5) 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, please check whether the float is properly seated.



1. Pull out the water tank

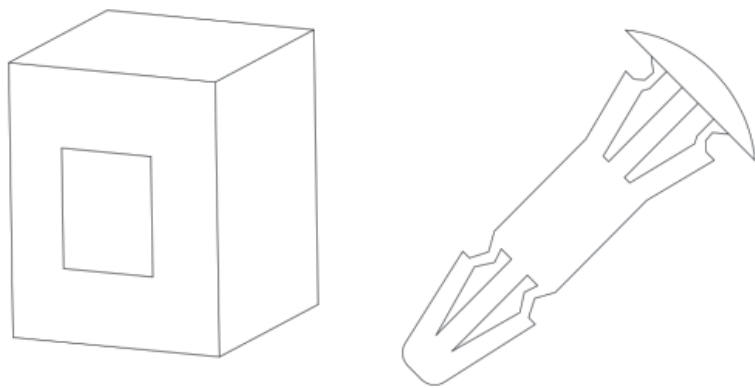


2. Empty the water tank



3. Replace the empty tank back into the unit

⚠ 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.

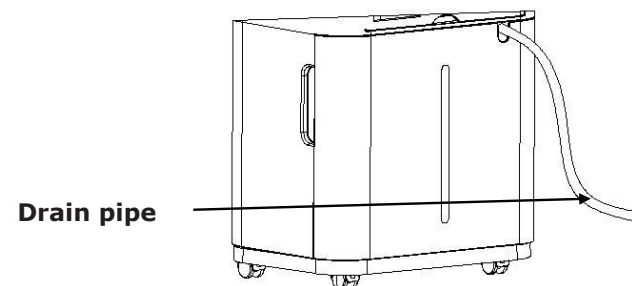
2. Please make sure to clean the condensed water in the water tank and put the water tank back in place.

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 or 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 and 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 barrel container, and the area specified for drainage.



Warning!

1. Please do not block the drain pipe, if the blockage occurs, the 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 water outlet.

The drain pipe must be firmly connected to the water outlet.

MAINTENANCE

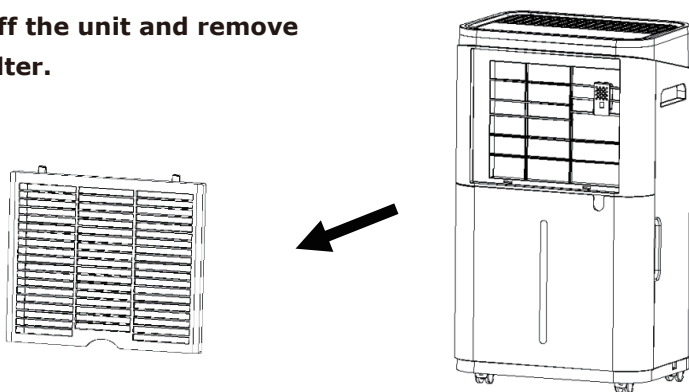
Note: Before cleaning and maintaining the machine, please be sure to turn off the machine and unplug the power to avoid electric shock.

CLEANING THE AIR FILTER (every two weeks)

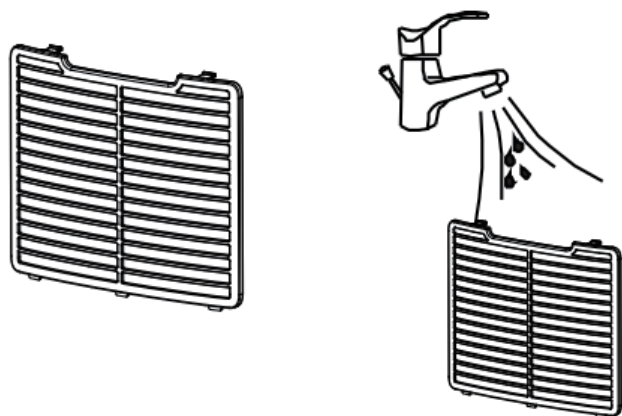
Dust collects on the filter and restricts the airflow. Restricted airflow will reduce the efficiency of the system, and if it is blocked, it may cause damage to the unit.

The air filter needs to be cleaned regularly. The air filter is removable for easy cleaning. Do not operate the unit without an air filter, otherwise the evaporator may be contaminated.

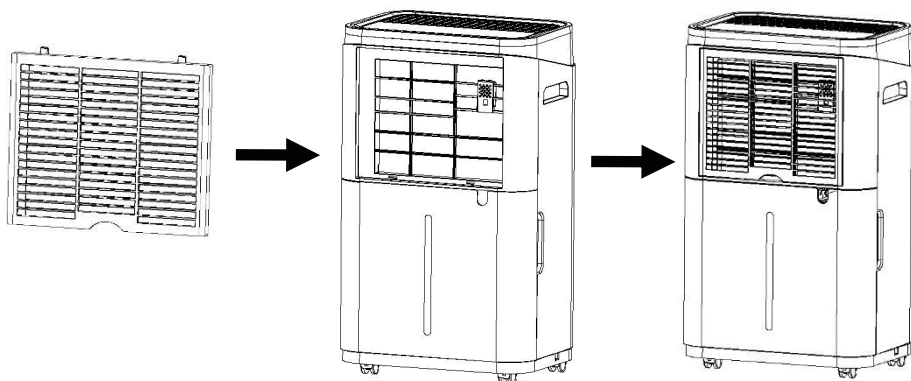
Switch off the unit and remove the air filter.



Rinse under a running water or using the vacuum to clean the dust.



Reassemble the air filter



TROUBLESHOOTING

SYMPTOM		INSPECTION	SOLUTION
The unit is not operating.		✓ Check whether the power connection is secure.	➢ Insert the power cord securely into the wall outlet.
		✓ 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°C-38°C (41°F-100.4 °F).
There is almost no formation of condensate.		✓ Check whether the air filter is dirty.	➢ 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°C(68°F).	➢ This is normal. Low humidity in low temperature environment.
Water Leakage		✓ Set humidity level is higher than current Humidity value.	➢ Set the humidity level below current humidity value.
		✓ 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 there are any loose, vibrating parts.	➢ Secure and tighten the parts.
		✓ Noise sounds like water flowing.	➢ Noise comes from flowing refrigerant. This is normal.
Error code	E2	✓ Humidity sensor dampened or failure.	➢ To clean or replace the humidity sensor.
	CL	✓ Display when room temperature is below 5°C (41°F) .	➢ Normal. The compressor stops, and the fan keeps running.
	CH	✓ Display when room temperature is above 38°C(100.4 °F).	➢ Normal. The compressor stops, and the fan keeps running.
	LO	✓ Display when room relative humidity is below 20% RH.	➢ Normal. The compressor stops, and the fan keeps running.
	HI	✓ Display when room relative humidity is above 90% RH.	➢ Normal. The compressor stops, and the fan keeps running.