

Use & Care Guide

Dehumidifier



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Model: AHD21 50Hz

GE Quality Product

49-7282



HELP US HELP YOU

Before using your dehumidifier, read this book carefully.

It is intended to help you operate and maintain your new dehumidifier properly.

Keep it handy for answers to your questions.

If you received a damaged dehumidifier...

Immediately contact the dealer (or builder) that sold you the dehumidifier.

Save time and money. Before you request service...

Check the Problem Solver in the back of this book. It lists causes of minor operating problems that you can correct yourself.



IMPORTANT SAFETY INSTRUCTIONS

Read All Instructions Before Using This Appliance.

When using this appliance, always exercise basic safety precautions, including the following:



- **This dehumidifier must be properly installed and located in accordance with the Installation Instructions before it is used.**
- **Use this appliance only for its intended purpose as described in this Use and Care Guide.**
- **This dehumidifier must be properly earthed before it is used.** See earthing instructions in the Installation section.
- **Never operate this appliance in an area that is likely to accumulate standing water.** If this condition develops, for your safety disconnect the power supply before stepping into the water.



- **Never unplug your dehumidifier by pulling on the power cord.** Always grip plug firmly and pull straight out from the receptacle.
- **Repair or replace immediately all electric service cords that have become frayed or otherwise damaged.** Do not use a cord that shows cracks or abrasion damage along its length or at either the plug or connector end.

Mains lead replacement

If the mains lead on your dehumidifier needs replacing at any time, it must be replaced by a special lead which is obtained from your local dealer. A charge will be made for the replacement of the mains lead if you have damaged the lead.

SAVE THESE INSTRUCTIONS

OPERATING YOUR DEHUMIDIFIER

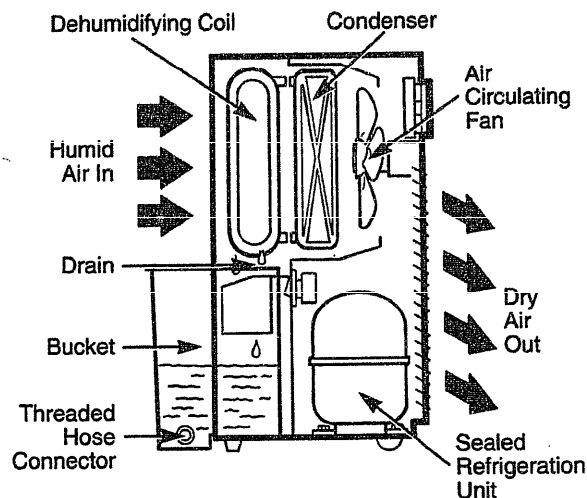


Important Safety Instructions

How it works

Moist, humid air is drawn over a cold, refrigerated dehumidifying coil. Moisture in the air condenses on this coil and then drains into a bucket (or through a hose into a drain). Dry, clean air is then drawn over the condenser where it is actually heated several degrees and discharged out the front grille into the room. It is normal for the surrounding air to become slightly warmer as the dehumidifier operates. This warming effect further reduces the relative humidity of the surrounding air.

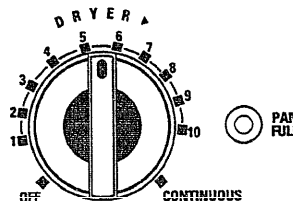
When locating the dehumidifier, be sure to place it where there is no restriction to the air flow either into the coil at the rear or from the front grille. Good air circulation through the appliance is essential to efficient operation.



Appearance may vary

Humidity Control

A Humidity Control, built into your dehumidifier, automatically maintains a selected humidity level. It starts the dehumidifier when the humidity is high and shuts it off when the humidity is low.



Humidity Control

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Operating Your Dehumidifier



OPERATING YOUR DEHUMIDIFIER

(continued)

For maximum dehumidification

The Humidity Control has settings from "1" to "10." Turning the control knob to "10" provides the greatest amount of dehumidification, turning it to "1" provides the least.

Even when the Humidity Control is set at "10," the dehumidifier will run continuously during particularly humid periods due to seepage of humid air into the room through the walls, around doors and windows and through the use of clothes dryers and similar equipment that add moisture to the air. The continuous operation of the dehumidifier during such humid periods is normal and necessary to maintain desired conditions.

The first 3 or 4 days that you have your dehumidifier, run it at "10" to allow it to remove large amounts of accumulated moisture from the room. When the room has reached the desired humidity level, the amount of moisture removed from the air will be considerably less. Rotate the Humidity Control knob toward "1" until the dehumidifier shuts off. The Humidity Control will automatically maintain the desired dryness in the room.

When the dehumidifier is first turned on and the dehumidifying coil is dry, a light coating of frost will appear. This is normal. The frost will usually disappear in 30 to 45 minutes.

If room temperature goes below 65°F., frost may accumulate on the dehumidifying coil, reducing the unit's operating efficiency. The Auto Defrost control will shut the compressor off automatically until the coil reaches the correct operating temperature. The fan will continue to run to aid in the defrosting.

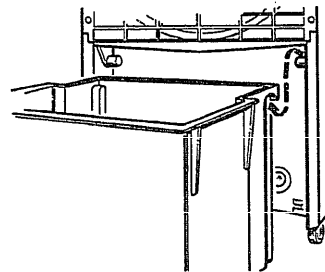
The Auto Defrost feature is also designed to prevent excessive on-off cycling, and under certain conditions may allow the frost to remain on the coil for some time before the compressor shuts off and the frost is cleared. This is not unusual.

To remove collected water

Your dehumidifier has a plastic bucket that catches the water that is removed from the air, an automatic water overflow control, and a signal light that glows when the bucket is full.

Before removing the bucket to empty it, turn the Humidity Control knob to "OFF." This will prevent the dehumidifier from operating when the bucket is not in place.

After emptying the bucket, push it all the way back into place.



Appearance may vary

After replacing the bucket, be sure to turn the Humidity Control knob back to the desired setting.

For continuous drain-off of water, knock out the plastic bottom of the threaded hose connector hole and attach a standard garden hose (not supplied). A male thread is provided on the water bucket.

Note: A second washer in the connector of the hose may be required to make a water-tight connection.

CARE AND CLEANING



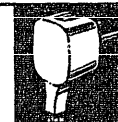
Unplug dehumidifier before cleaning.

Occasionally the dehumidifier will require cleaning. Use a vacuum cleaner attachment or brush to clean the front grille. The best way to clean the dehumidifying coil is by the use of a soft brush when the soil is soft and wet. (If allowed to dry and harden, it will be difficult to remove and must be soaked and softened.)

Do not allow a lot of water to enter the electrical/machine compartment through the circular opening behind the coil. Use a squirt bottle or syringe so you can control the water.

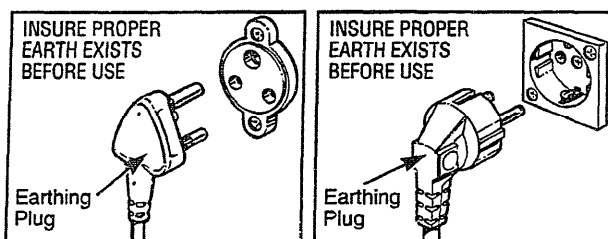
INSTALLATION REQUIREMENTS

IMPORTANT... Please Read Carefully



How to connect electricity

For personal safety, this appliance must be properly earthed.



Your model will have one of these plugs.

The mains lead cord of this appliance is equipped with an earthing plug which mates with a standard earthed wall outlet to minimize the possibility of electric shock hazard from appliance.

Have the wall outlet checked by a qualified electrician to make sure the outlet is properly earthed.

Where an unearthed wall outlet is encountered, it is your personal responsibility and obligation to have it replaced with a properly earthed wall outlet.

The dehumidifier should always be plugged into its own individual electrical outlet—Please refer to the rating plate on the dehumidifier for the correct voltage and frequency. This is recommended for best performance and to prevent overloading house wiring circuits, which could cause a fire hazard from overheating wires.

If the mains lead cord becomes damaged, it must be replaced by a qualified service agent in order to avoid a safety hazard.



QUESTIONS? USE THIS PROBLEM SOLVER

PROBLEM	POSSIBLE CAUSE
DEHUMIDIFIER DOES NOT OPERATE	• Not plugged in. Plug may have been bumped loose. • If plugged in, fuse could have blown or circuit breaker may have tripped. • Bucket may not be pushed all the way into the dehumidifier.
DEHUMIDIFIER "DOES NOT DRY THE AIR AS IT SHOULD"	• When the dehumidifier was first installed, not enough time was allowed for it to remove the large amount of moisture that had accumulated in the room. As long as three or four days, with the Humidity Control knob set at "10," may be required to achieve and maintain the desired dryness. • Objects blocking front and/or back of dehumidifier will restrict air flow and reduce efficiency. • Humidity Control may be set too low. Turn control knob to a higher setting. • Doors and/or windows may not be tightly closed. • Clothes dryer may be blowing moisture-laden air into the room.
WATER ON FLOOR	• Connection may be loose if hose is attached to dehumidifier for continuous drain-off. The connector may need a second rubber washer to make the connection water-tight. • Bucket may not be pushed all the way into the dehumidifier. • Bucket not hung properly from bucket supports.

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