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Kenmore 253.50300000 Owner's Manual

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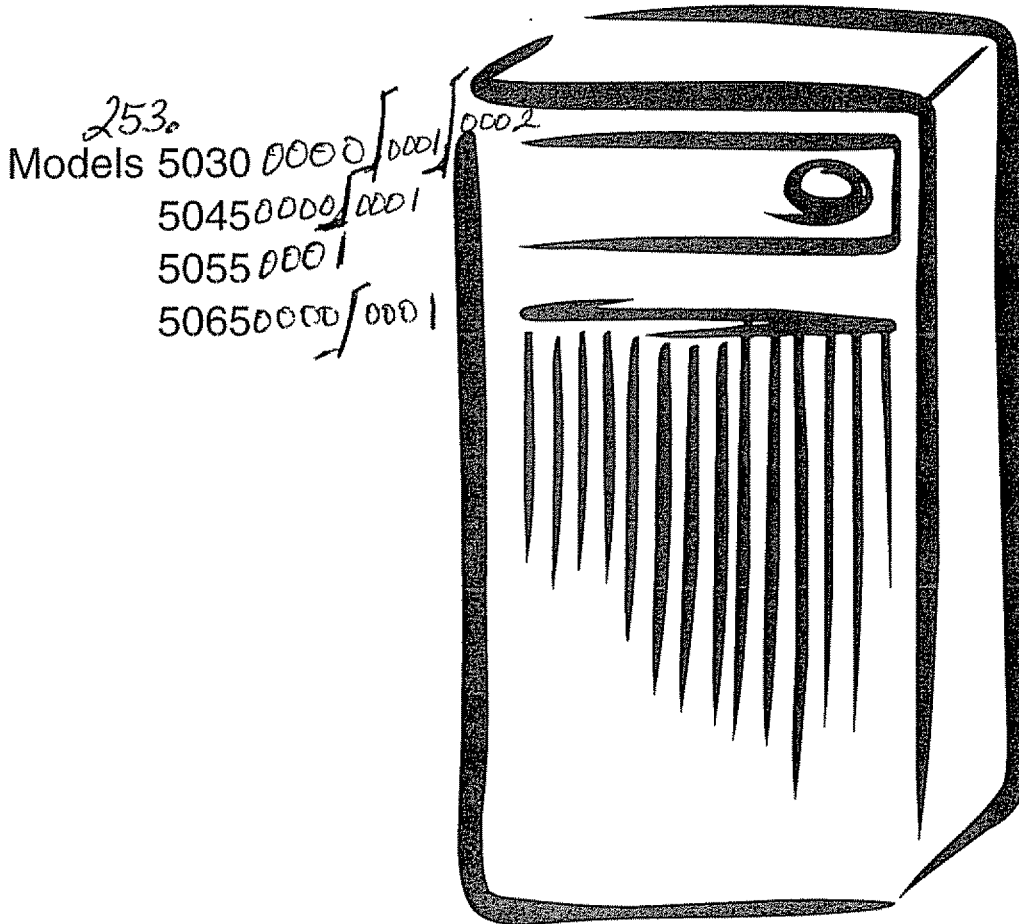
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----- Manual continues below -----

Owner's Manual



Dehumidifier



CAUTION:

Before using this dehumidifier, read this manual and follow all its Safety Rules and Operating Instructions.

- Safety
- Operation
- Care and Cleaning
- Troubleshooting
- Español
- Français

Sears, Roebuck and Co., Hoffman Estates, IL 60179 USA

Table of Contents

Product Registration	2
Important Safety Instructions	2
Location	3
How It Works	3
Operating Steps	3
Dehumidifier Features	3-5
Removing Collected Water	5
Troubleshooting	6
Warranty	7
Sears Service	7-8
Español	9
Français	17

Product Registration

Record Your Model and Serial Number

In the space provided below record the model and serial number of your dehumidifier. You will find them on the nameplate located in the center of the rear panel, behind the bucket.

Model Number: _____

Serial Number: _____

Purchase Date: _____

Important Safety Instructions

Read all instructions before using this dehumidifier. To reduce the risk of fire, electric shock, or injury to persons when using your dehumidifier, follow basic precautions, including the following:

⚠️ WARNING For Your Safety

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance. Read product labels for flammability and other warnings.

⚠️ WARNING Child Safety Precautions

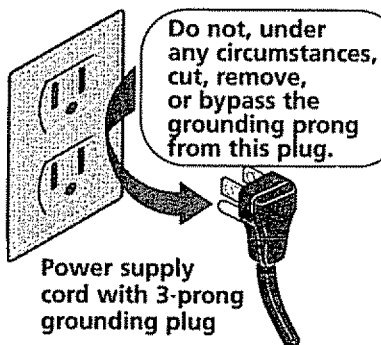
- Destroy the carton, plastic bags, and any packing materials immediately after the dehumidifier is unpacked. Children should never use these items for play.
- Do not leave children unattended in an area where the appliance is operating. Do not allow them to sit or stand on the appliance.

⚠️ WARNING Electrical Information

- For your safety and protection, this dehumidifier is equipped with a three-prong grounding plug on the power cord. **Do not, under any circumstances, cut or remove the round ground prong from the plug.**
- Your dehumidifier **must** be plugged directly into a properly grounded and polarized three-prong receptacle. If the wall receptacle you intend to use will not accept a three-prong plug, or if you are not sure the outlet is adequately grounded or protected by a time delay fuse or circuit breaker, have a qualified electrician install the proper outlet according to the National Electrical Code and applicable local codes and ordinances. **Do not use an extension cord or an adapter plug.**
- Never unplug the dehumidifier by pulling on the power cord. Always grip the plug firmly and pull straight out from the receptacle.
- Do not pinch, bend, or knot the power cord.

⚠️ WARNING Avoid fire hazard or electric shock. Do not use an extension cord or an adaptor plug. Do not remove grounding prong from power cord.

Grounding type wall receptacle



Read and Save These Instructions

Operate dehumidifier only as instructed in this Owner's Guide. These instructions are not meant to cover every possible condition and situation that may occur. Common sense and caution **must be used** when installing, operating, and maintaining any appliance.

Printed in U S A

Location

Selecting a Location

IMPORTANT:

1. Dehumidifier must be operated in an enclosed area to be most effective. Close all doors, windows, and other outside openings to the room.
2. Be sure not to obstruct the air flow through the front grille or out of the louvers on the left side.
3. A dehumidifier operating in a basement will have little or no effect in drying an adjacent enclosed storage area, such as a closet, unless there is adequate circulation of air in and out of the area. It may be necessary to install a second dehumidifier in the enclosed area for satisfactory drying.

How It Works

When the unit is started, the fan begins to pull moisture-laden air across the dehumidifying coils. The coils condense or draw moisture from the air, and air flows through the side louvers into the room as dry, warm air. Moisture removed from air is collected in a bucket on the front of the dehumidifier.

NOTE: This unit is equipped with Electronic Control Protection. There is a 2 minute delayed start after one of the following occurs:

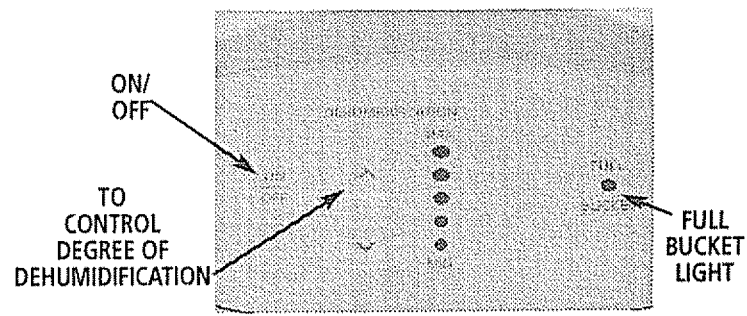
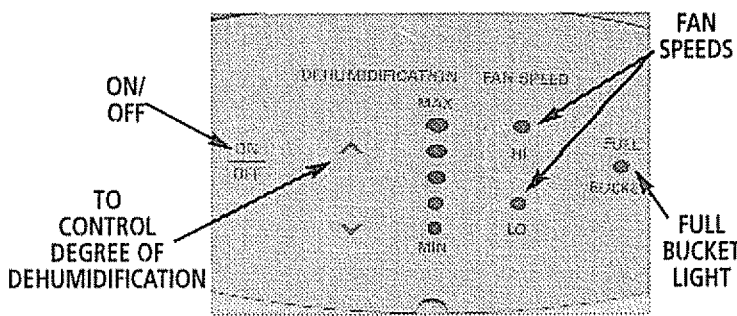
- The bucket is removed
- Dehumidifier Level changes

Operating Steps

To begin operating the dehumidifier, follow these steps:

1. Plug the power cord into a properly grounded 110/120 volt AC outlet
Note: Before operating this unit, see the "Removing Collected Water" section for proper placement of the bucket. Models will not operate if the bucket is not properly positioned.
2. When first using the dehumidifier, set the control to the MAX.DRY position. The unit will run continuously at this setting.
Note: The dehumidifier should be kept in operation as long as excess moisture is present in the room air.
3. Set Fan Speed to HI. The HI setting is recommended for faster moisture removal.
4. Allow the dehumidifier to operate at the above settings for three to four days. After this time, adjust the controls as needed. See below.

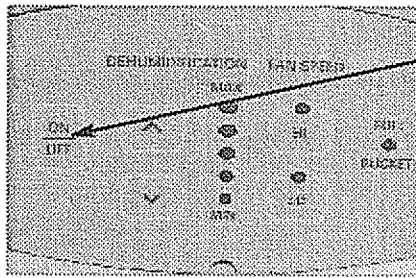
Electronically Controlled Dehumidifier Operating Instructions



Please familiarize yourself with the Control Panel before you begin. Your Dehumidifier can be operated from 15% MAX to 75% MIN Relative Humidity, at either High or Low Speed (except 5030).

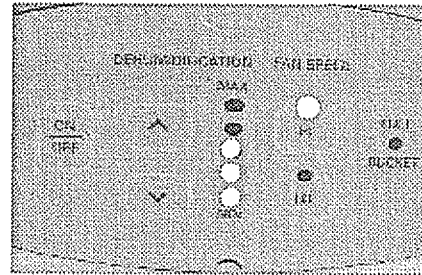
Electronically Controlled Dehumidifier Operating Instructions (continued)

TO TURN UNIT ON:



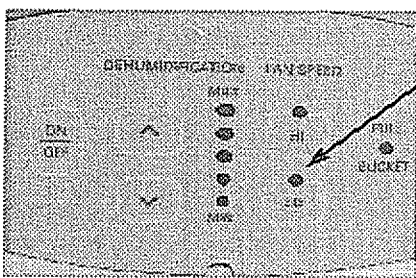
Press
On/Off Pad

YOU WILL SEE:
(Automatically on "HI" Speed.)



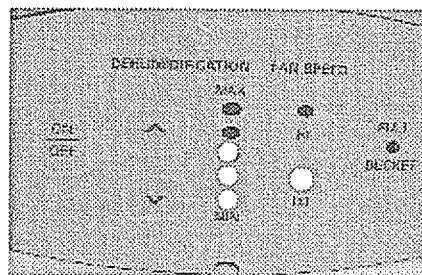
Note: Each time you unplug the Dehumidifier or there is a power interruption, the control will return to the last setting you have chosen. This unit is equipped with Electronic Control Protection. There is a 2 minute delayed start when some settings are changed.

TO CHANGE FAN SPEED:

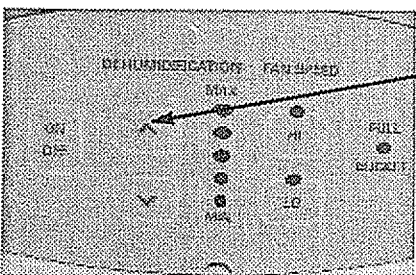


Press
LO Fan Pad

YOU WILL SEE:

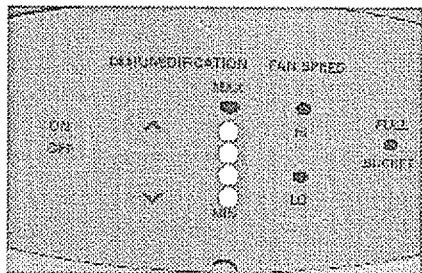


TO RAISE HUMIDITY SET POINT:



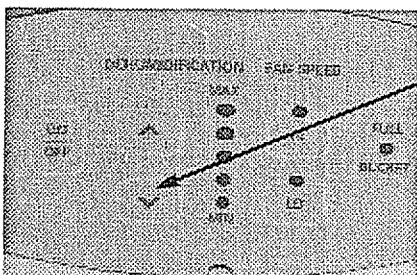
Press
"∧" Arrow
Up

YOU WILL SEE:



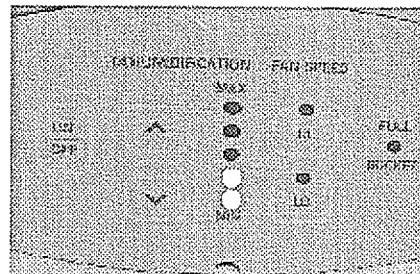
Whichever you choose

TO LOWER HUMIDITY SET POINT:



Press
"∨" Arrow
Down

YOU WILL SEE:



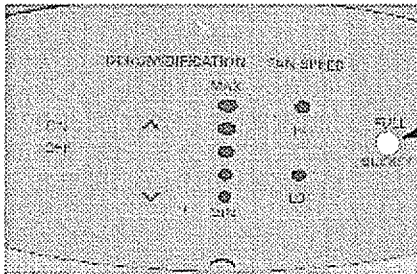
Whichever you choose

Note: When the down arrow "∨" is pressed the unit will stop running if the level of dehumidification has been reached. When the room humidity increases the unit will start running again.

Electronically Controlled Dehumidifier Operating Instructions (continued)

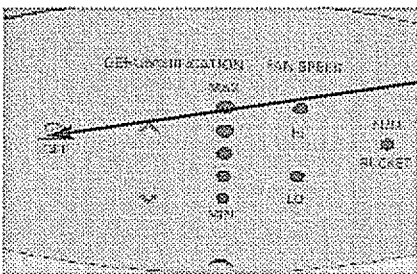
OTHER FEATURES:

When the water receptacle is full the "FULL" light will be lit and the unit will Shut-Off. This is the time to empty the bucket. (The Dehumidifier will not operate while the bucket is removed) Following emptying the accumulated water, replace the bucket and the Dehumidifier will operate at the last setting chosen.



FULL BUCKET
Light

TO TURN DEHUMIDIFIER OFF



Press
ON/OFF
Pad

Dehumidifier Features

Moisture Removal

At first, the dehumidifier will remove large amounts of moisture. It will continue to do so until the relative humidity is reduced to a point where moisture damage will not occur. Then, the amount of moisture removed from the air will be a lot less. This indicates the dehumidifier is operating effectively and is maintaining the relative humidity at the desired level. Judge the performance of the dehumidifier by the elimination of dampness and dampness odors, not by the amount of water being deposited in the bucket. When bucket has filled with water, unit will turn off. All models feature an Automatic Shut-Off light that will glow until bucket is emptied and returned to the proper position.

Operating Conditions

A dehumidifier will not operate satisfactorily if room temperature is 65°F (18°C) or lower, or if the humidity in the room is low. Under these conditions, the dehumidifier should be turned off.

A dehumidifier will not eliminate frost on windows during winter. The dehumidifying coil normally operates above freezing temperatures and cannot prevent moisture from condensing on the inside of a window pane that is below freezing.

TIP: It may be helpful to use a dehumidifier in the kitchen or laundry area where the humidity is high. Reducing humidity in these areas may reduce frost on windows in other parts of the home.

Dehumidifier Features (continued)

Frost Control

The Frost Control feature prevents frost or ice from remaining on the dehumidifying coil for an extended period of time. When frost formation occurs, this control turns off the compressor. The fan continues to run, causing any frost or ice to melt. Dehumidifier will then resume normal operation.

Frost Control is also designed to prevent excessive on-off cycling. Under certain conditions this may allow frost to remain on coil for some time before the compressor turns off and the frost is cleared.

Removing Collected Water

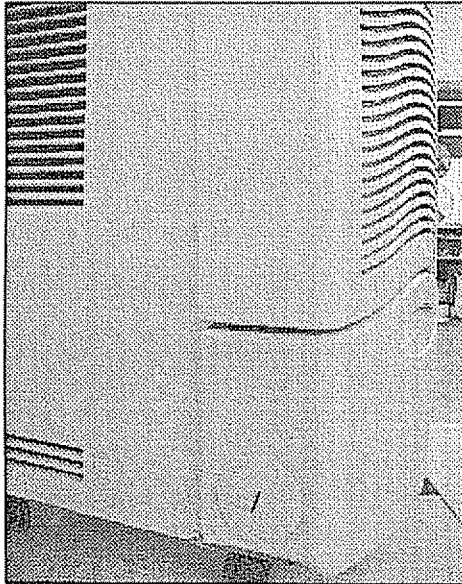


Figure 1

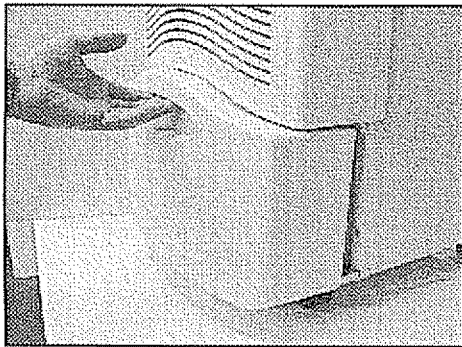


Figure 2

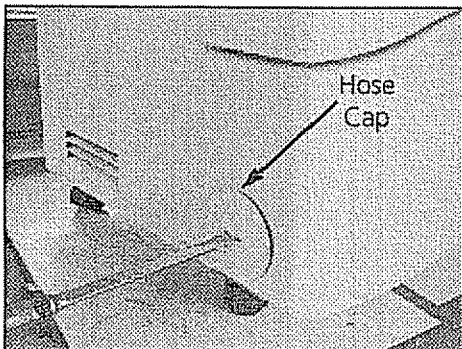


Figure 3

Bucket and Float Installation

All models are supplied with a bucket, which is conveniently tucked into the front of the unit to accumulate water removed from the air, or use the built-in hose connection to carry water directly to a drain.

When using the bucket the Automatic Shut-Off switch is activated by a float. The Automatic Shut-Off switch stops the unit before the bucket overflows, and turns the unit on again after the bucket is emptied and replaced.

The bucket and float must be installed correctly for proper operation (Figure 1).

Bucket Cleaning Instruction

Periodic cleaning with a mild detergent and water will prevent the growth of mold, mildew and bacteria.

Remove bucket as shown in Figure 2.

Direct Draining

If you want the water to flow directly to a drain, you must first remove the hose cap (Figure 2). To remove hose cap, use a standard screwdriver and turn counter-clockwise. Connect any standard garden hose to the bucket connection, or place the dehumidifier over the drain. A standard garden hose has a 3/4" (19 mm) diameter connection with 11 1/2 threads per inch.

Note: When using either of the above direct draining methods, you must first drill a 3/8" (10 mm) hole in the center of the bucket connection. (For ease of drilling use locating mark to center drill bit for hole (Figure 3).) This will allow water to flow freely through the connection. To reseal the hose connection to the bucket, use any standard hose end cap. **The hose cap cannot be used to reseal the hole.**

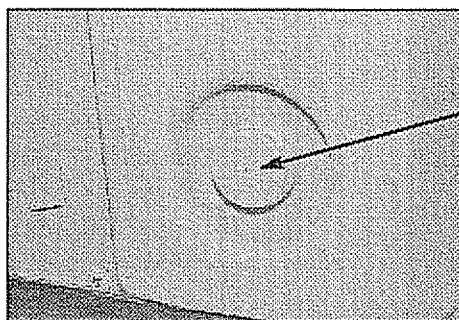


Figure 4

IMPORTANT:
Do not drink
the water
collected in
the bucket.

Avoid Service Checklist

Before calling for service, review this problem occurrence list. It may save you time and expense, because some of the occurrences are not the result of defects in materials or workmanship, and would not be covered by the warranty.

OCCURRENCE	SOLUTION
DEHUMIDIFIER DOES NOT OPERATE.	Electronic Control Protection. Bucket was removed or Dehumidifier Level has changed. Please wait 2 minutes for Dehumidifier to restart.
	Plug is disconnected from outlet. Push plug firmly into wall outlet.
	House fuse blown or circuit breaker tripped. Replace fuse with time delay type or reset circuit breaker.
	The dryness level you selected has been reached. Dehumidifier automatically shuts off when selected amount of moisture has been removed from the air. If you want to remove more moisture, set control to MAX DRY HI SPEED. After the dehumidifier starts, reset the control to the desired setting.
	Bucket not installed properly. See "Removing Collected Water."
DEHUMIDIFIER RUNS TOO MUCH.	Water in the bucket has reached its preset level. Dehumidifier automatically turns off when this occurs. Empty bucket and return bucket to position.
	Dehumidifier is not turned on. Press "ON" and set control to MAX DRY.
	Windows or doors near dehumidifier are open to outdoors. Close all windows or doors to outside.
	Area to be dehumidified is too large. Check with your dealer to see if capacity is adequate.
DEHUMIDIFIER EMITS AN UNPLEASANT ODOR.	Air movement through dehumidifier is blocked. Grill may be dirty. Use brush attachment of vacuum cleaner to clean grill. Dehumidifier must be placed in a space that does not restrict air flowing into the front grille or out of the louvers on the left side.
	Dehumidifier has been installed or restarted recently. The higher the moisture in the room, the longer the dehumidifier will operate.
	The Control is set at MAX DRY. Dehumidifier will not turn off if the Control is at MAX DRY until the room is very, very dry.
DEHUMIDIFIER IS OPERATING BUT ROOM IS NOT DRY ENOUGH.	The bucket is dirty. Clean per instructions on page 6.
	Humidistat Control is set too low. Set the Control to a higher setting.
	Dehumidifier has been installed or restarted recently. The higher the moisture in the room air, the longer it takes for the room air to become dry.
	Dehumidifier does not have sufficient clearance to operate. Air flow to front grill is blocked. See "Selecting a Location," page 3.
FAN-LIKE NOISE.	Room temperature is too low. Unit will not operate satisfactorily if the room temperature is below 65°F (18°C). See "Operating Conditions," page 6.
	Refer to causes under DEHUMIDIFIER RUNS TOO MUCH.
FAN-LIKE NOISE.	Air is moving through the dehumidifier. This is a normal sound.

Sears Dehumidifier Warranty

Full One Year Warranty on Dehumidifier

For one year from date of purchase, if this Dehumidifier is operated and maintained according to the owner's instructions attached to or furnished with, the product, Sears will repair this Dehumidifier free of charge, if defective in material or workmanship.

Full Five Year Warranty on Sealed Refrigeration System

For five years from date of purchase, when this Dehumidifier is operated and maintained according to owner's instructions attached to or furnished with the product, Sears will repair the sealed refrigeration system (consisting of refrigerant, connecting tubing, and compressor motor) free of charge, if defective in material or workmanship.

Warranty Exclusions

1. Damage to product caused by misuse, fire, flood, acts of nature.
2. Damages due to commercial use or from product being used in multi-user dwellings.
3. Damage to Sealed System* caused by salt corrosion or chemical reaction to copper/steel.

*Sealed System (compressor, condenser, evaporator, drier and tubing)

Warranty Service

Warranty Service is available by returning this Dehumidifier to the nearest Sears Service Center in the United States.

This warranty applies only while this Dehumidifier is used in the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Sears Roebuck and Co.
Dept. 817WA
Hoffman Estates, IL 60179

Sears Service

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Sears Maintenance Agreement

Maintain the value of your Dehumidifier with a Sears Maintenance Agreement. Kenmore Dehumidifiers are designed, manufactured, and tested for years of dependable operation. Yet any appliance may require service from time to time. The Sears Maintenance Agreement offers you an outstanding service program for your Kenmore Dehumidifier.

The Sears Maintenance Agreement:

- Is your way to buy tomorrow's service at today's prices.
- Eliminates repair bills resulting from normal use.
- Allows for as many service calls as you need.
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