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Kenmore 580.54351400 Owner's Manual

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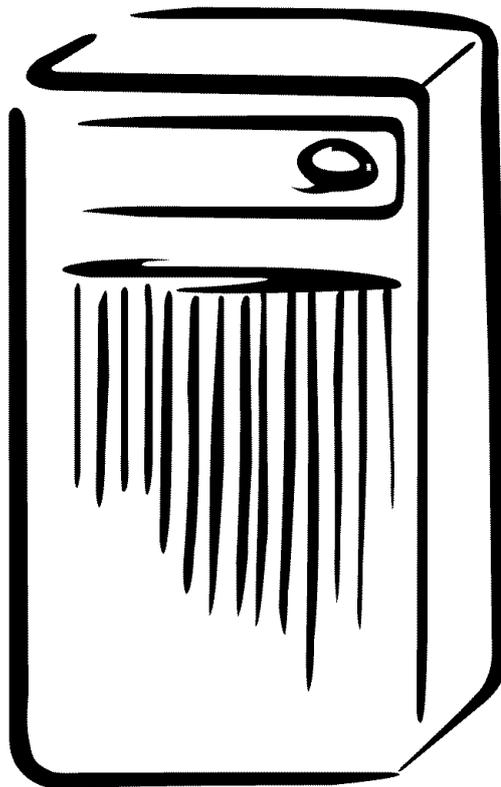
----- Manual continues below -----

Owner's Manual
Manuel del Propietario



DEHUMIDIFIER
DESHUMIDIFICADOR

Model, Modelo 580.54351



ENGLISH

ESPAÑOL

Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.
www.sears.com

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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 table of troubleshooting tips. If you review our table of **Troubleshooting Tips** first, you may not need to call for service at all.

PRECAUTION

- The dehumidifier is not intended for use by young children without supervision.
- Young children should be supervised to ensure that they do not play with the dehumidifier.
- When the power cord is to be replaced, replacement work shall be performed by authorized personnel only using only genuine replacement parts.

WARRANTY

FULL ONE YEAR WARRANTY ON DEHUMIDIFIER

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

FULL FIVE YEAR WARRANTY ON SEALED REFRIGERATION SYSTEM

For five years from the date of purchase, when this Dehumidifier is operated and maintained according to owner's instructions 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 SERVICE IS AVAILABLE BY RETURNING UNIT TO THE NEAREST SEARS SERVICE CENTER IN THE UNITED STATES. CALL 1-800-4-MY-HOME® FOR THE NEAREST SERVICE CENTER TO YOU.

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., D/817WA, Hoffman Estates, IL 60179 U.S.A.

SAFETY PRECAUTIONS

READ ALL INSTRUCTION BEFORE USING

- To prevent injury to the user or other people and property damage, the following instructions must be followed.
- Incorrect operation due to ignoring instructions will cause harm or damage; the seriousness is classified by the following indications.

	WARNING This symbol indicates there may be the possibility of death or serious injury.
	CAUTION This symbol indicates the possibility of injury or damage to property only.

- Meanings of symbols used in this manual are as shown below.

	Be sure not to do.
	Be sure to follow the instruction.

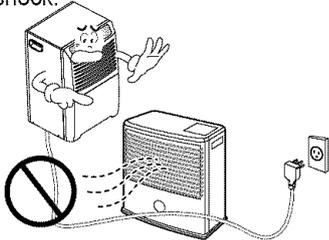
ENGLISH

WARNING

■ Installation

Do not place the power cord near a heater.

- It may cause fire and electric shock.



Do not use the power cord near flammable gas or combustibles such as gasoline, benzene, thinner, etc.

- It may cause explosion or fire.



Do not disassemble or modify products.

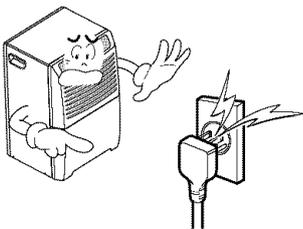
- It may cause electric shock and failure.



■ Operation

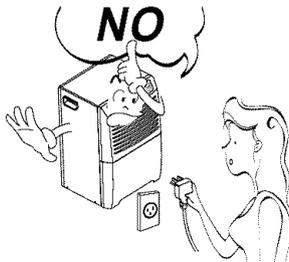
Plug in the power cord properly.

- Otherwise, it may cause electric shock or fire.



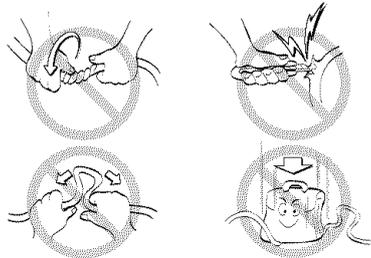
Do not operate or stop the unit by inserting or pulling out the power plug.

- It may cause electric shock or fire.



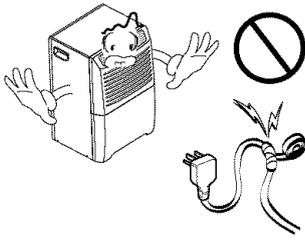
Do not damage the power cord or use an unspecified power cord.

- It may cause electric shock or fire.



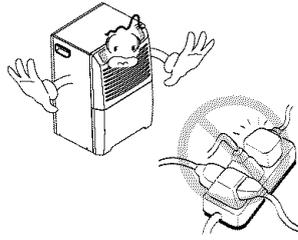
Do not modify power cord length.

- It may cause electric shock or fire.



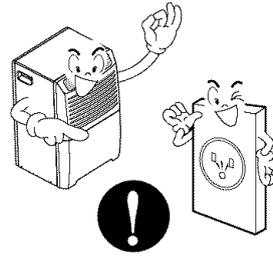
Do not share the outlet with other appliances.

- It may cause electric shock or fire.



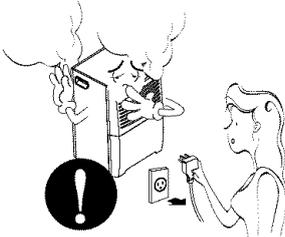
Always plug into a grounded outlet.

- Not grounding unit may cause electric shock.



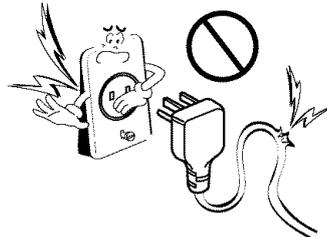
Unplug the unit if strange sounds, odors, or smoke come from it.

- Unplugging the unit may avoid electric shock or fire hazard.



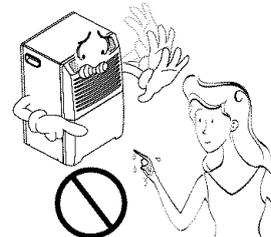
Do not use the socket if it is loose or damaged.

- It may cause fire and electric shock.



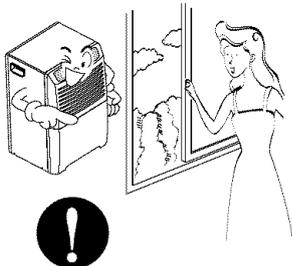
Do not operate with wet hands or in damp environment.

- It may cause electric shock.



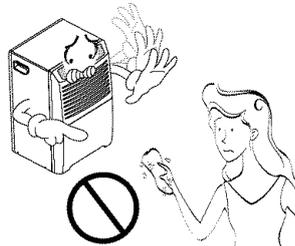
Ventilate before operating dehumidifier when gas goes out.

- It may cause explosion, fire, and burn.



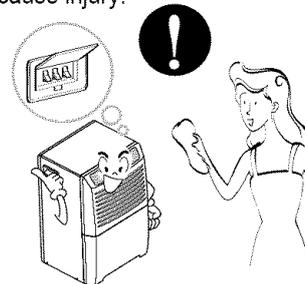
Do not clean the dehumidifier with water.

- Water may enter the unit and degrade the insulation. It may cause an electric shock.



Unplug unit before cleaning the unit.

- Since the fan rotates at high speed during operation, it may cause injury.



If water enters the product, turn off the dehumidifier's power switch, then unplug the unit. Contact service for repair

- It will cause machine failure or electric shock.



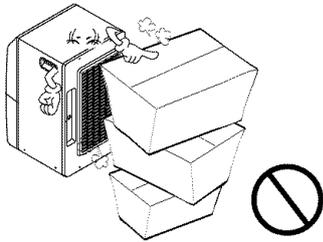


CAUTION

Installation

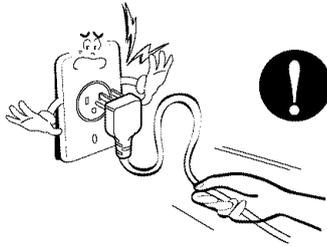
Do not block the inlet or outlet.

- It may cause failure of appliance or performance deterioration.



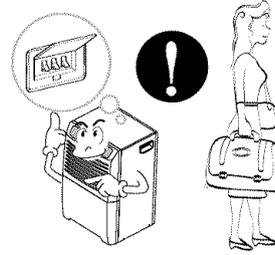
Hold the plug by the head when taking it out.

- Otherwise, it may cause electric shock and damage.



Turn off the main power switch when not using the dehumidifier for a long time.

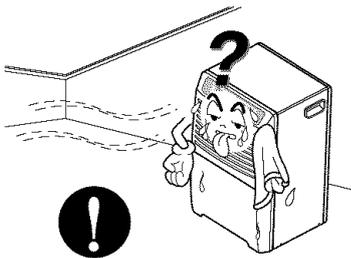
- Turning off the unit will save on energy costs.



ENGLISH

Make sure the dehumidifier is the correct size for the area you want to dehumidify.

- It is not designed to dehumidify the entire house.



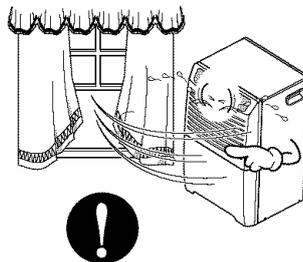
Install the dehumidifier properly only on a floor.

- For proper operation, your dehumidifier should be installed only on a floor.



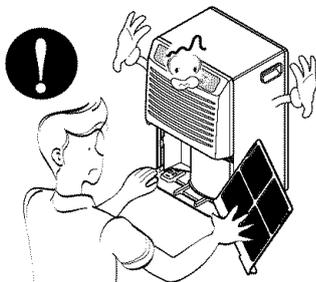
Close all doors, windows and other outside openings to the room.

- The dehumidifier must be operated in an enclosed area to be most effective.



When removing the filter be aware that some metal parts may have sharp edges.

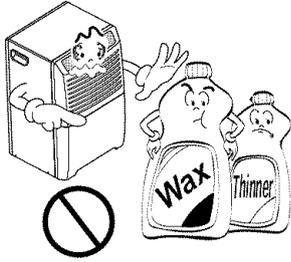
- Sharp edges may cause injury.



■ Operation

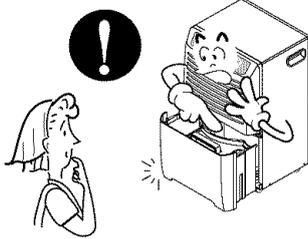
Use a soft cloth to clean. Do not use wax, thinner, or a strong detergent.

- The appearance of the dehumidifier may deteriorate, change color, or develop surface flaws.



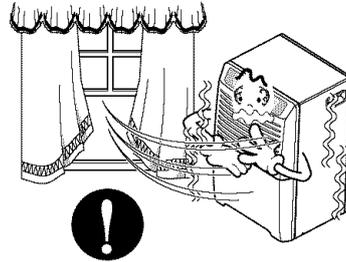
Be sure to replace the bucket properly after emptying to prevent water from collecting on the floor.

- Otherwise, it will cause property damage.



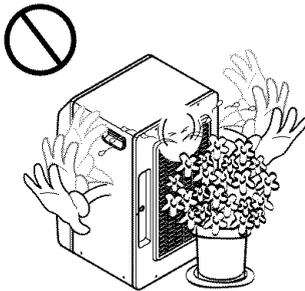
May not operate unit if the room temperature is below 65°F(18°C).

- Low temperatures could cause coils to frost.



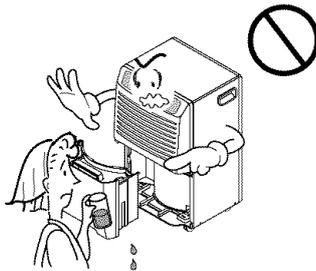
Do not put a pet or house plant where it will be exposed to direct air flow.

- This could injure the pet or plant.



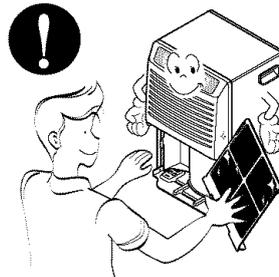
Do not use the water collected in the bucket for drinking purposes.

- It is not sanitary and could cause illness or personal injury.



Insert the filter securely. Clean it every two weeks.

- Operation without filters will cause unit failure.



PRIOR TO OPERATION

ENGLISH

PREPARING FOR OPERATION

1. Plug the power cord in properly to a standard 3-slot grounding wall power outlet.
2. Do not plug any other appliance into the same wall receptacle as this unit.
3. Do not use an extension cord.
4. Do not start/stop operation by plugging/unplugging the power cord.
5. If the cord/plug is damaged, only replace it with an authorized replacement part.

USAGE

1. Being exposed to direct airflow for an extended period of time could be hazardous to your health. Do not expose occupants, pets, or plants to direct airflow for extended periods of time.
2. Ventilate the room when the dehumidifier is used with other heating devices. Otherwise the oxygen supply may be inadequate.
3. Do not use this dehumidifier for non-specified special purposes (e.g. preserving precision devices, food, pets, plants, and art objects). Such usage could damage the items.

CLEANING AND MAINTENANCE

CAUTION:

1. Do not touch the metal parts of the unit when removing the filter. Injuries can occur when handling sharp metal edges.
2. Do not use water to clean inside the dehumidifier. Exposure to water can destroy the insulation, leading to possible electric shock.
3. When cleaning the unit, first make sure that the power and breaker are turned off. The fan rotates at a very high speed during operation. There is a possibility of injury if the unit's power is accidentally turned on while the interior of the unit is being cleaned.

SERVICE

For repair and maintenance, contact your Sears Parts & Repair Center.

INSTRUCTION

SYMBOLS USED IN THIS MANUAL



This symbol alerts you to the risk of electric shock.

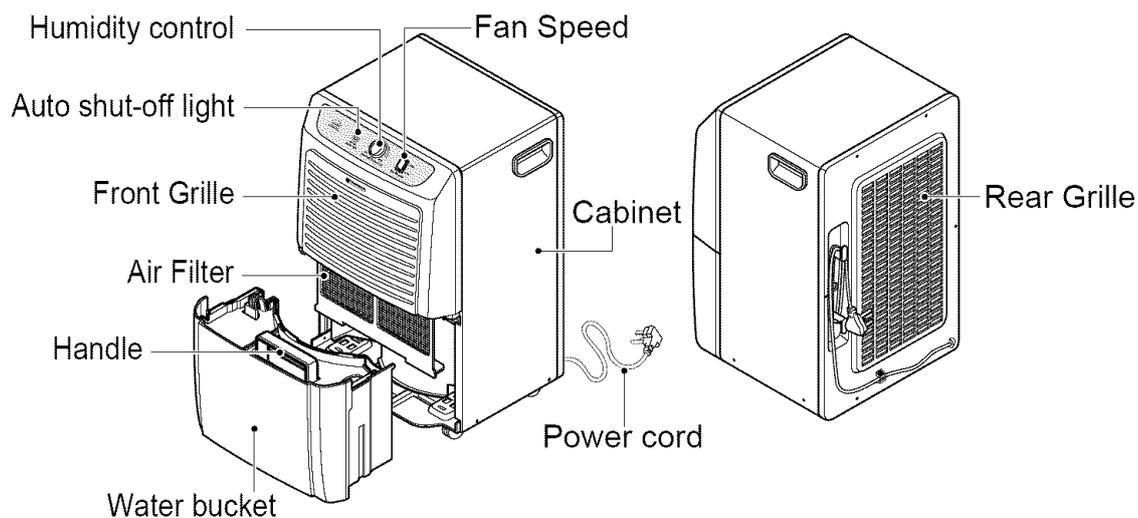


This symbol alerts you to the possibility of personal injury or property damage.

FEATURES



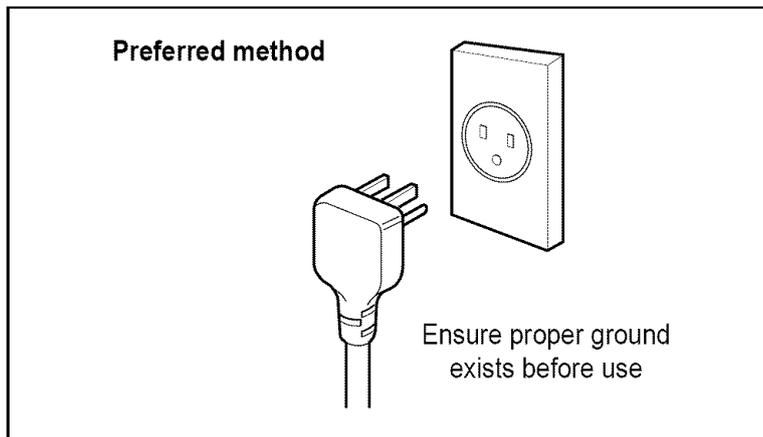
WARNING: This appliance should be installed in accordance with national wiring regulations. This guide acts as a guide to help to explain product features.



ELECTRICAL SAFETY

 **WARNING:** This appliance must be properly grounded.

The power cord of this appliance is equipped with a three-prong grounding plug. To minimize the risk of electric shock, use the plug with a standard three-slot grounding wall power outlet. If the power outlet does not include a grounding slot, have a qualified electrician replace the outlet before you use the dehumidifier.



 **WARNING:** Do not cut or remove the grounding prong from the power plug.

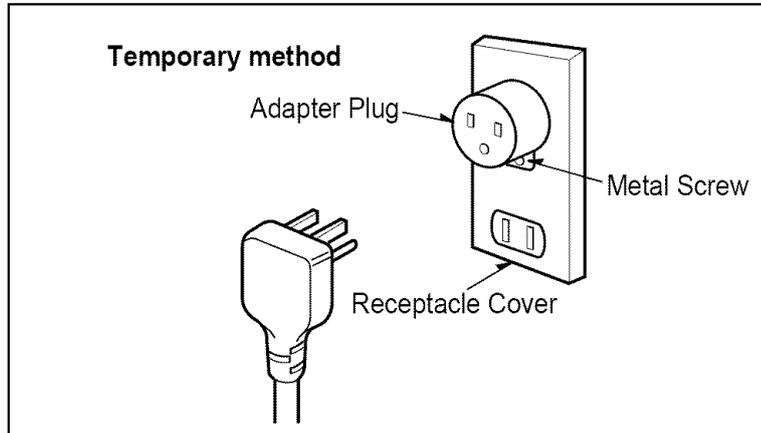
 **WARNING:** Attaching the adapter ground terminal to the wall receptacle cover screw does not ground the appliance unless the cover screw is metal and not insulated, and the wall receptacle is grounded through the house wiring.

 **WARNING:** If you have any doubt whether the air conditioner is properly grounded, have the wall receptacle and circuit checked by a qualified electrician.

ENGLISH

TEMPORARY USE OF AN ADAPTER

We **strongly discourage** the use of an adapter due to potential safety hazards. For temporary connections, use only a UL-listed adapter, available from most local hardware stores. To disconnect the power cord from the adapter, use one hand on each to avoid damaging the ground terminal. Avoid frequently unplugging the power cord as this can lead to eventual ground terminal damage.



WARNING: Never use the appliance with a broken adapter.

TEMPORARY USE OF AN EXTENSION CORD

We **strongly discourage** the use of an extension cord due to potential safety hazards.

OPERATING INSTRUCTIONS



ENGLISH

CONTROL PANEL

Your dehumidifier has a control panel containing an Auto shut-off indicator, a Fan Speed and Humidity Control.

Auto shut off--- This light glows when the bucket fills or is missing.

Fan speed --- This switch controls the speed of the airflow.

Humidity Control--- This knob controls the moisture in the room.

TO OPERATE THE DEHUMIDIFIER:

1. Turn the Humidity Control to Off. Plug the power supply cord into an electrical outlet.
2. The Humidity Control can be set anywhere between Off and Max for normal operation.
If you need more dehumidification, turn the Humidity Control toward Max. If you need less dehumidification, turn the Humidity Control toward Off.
3. Turn the Humidity Control to Off to stop the unit manually.
4. If you want to control the speed of air flow, turn the Fan Speed toward Low or High.

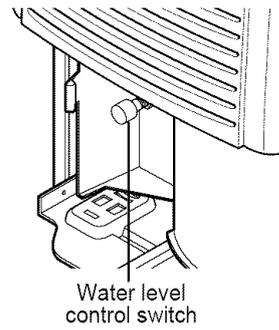
IMPORTANT Water bucket must be properly installed.

- The dehumidifier will not run if the bucket is not properly installed.
- The dehumidifier shuts off when the desired humidity setting is reached.

AUTOMATIC SHUT OFF

The dehumidifier has a water level control switch and will turn the unit off when the bucket is full, or when the bucket is removed or not replaced in the proper position.

The bucket must be replaced in the proper position for the dehumidifier to work. The light will be on and the dehumidifier will not run if the bucket is not in the proper position.



DISPOSING OF COLLECTED WATER

- 1. Empty the bucket manually.** **2. Attach a length of garden hose to the threaded drain hose connector to carry water to the drain.**

When the bucket is full, pull out by grasping the handle and empty it into a large sink or tub and then replace it properly.

NOTE Do not remove the bucket while operating the dehumidifier. It can cause water to drop on the base pan or the floor. Empty the bucket when the indicator light turns on.

NOTE It is advisable to carry the bucket by supporting it from the bottom as well as by the handle. Carrying by only the handle may cause the handle or bucket cover to break.

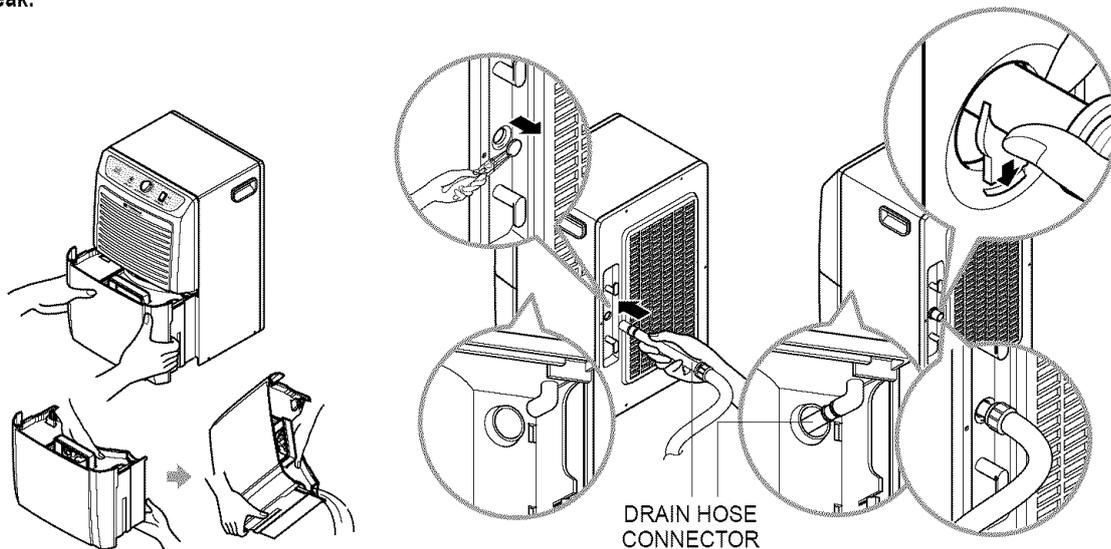
1. Remove the drain hole cover.
2. Connect a garden hose to the threaded drain hose connector.
3. Push the drain hose connector tightly into the drain hole on Rear Grille.

When attached to the drain hose connector, do not bend or kink the hose.

The hose should lie flat from the dehumidifier to the drain.

NOTE The drain hose connector will accept a standard garden hose fitting.

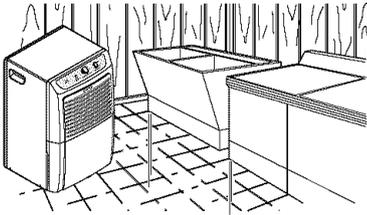
Do not over tighten the hose when connecting it to the hose connector; use a rubber washer and tighten firmly by hand without stripping the plastic threads.



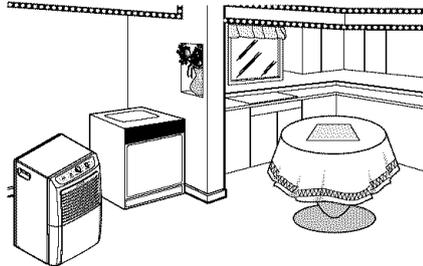
INSTALLATION

CHOOSING THE PROPER LOCATION FOR YOUR DEHUMIDIFIER

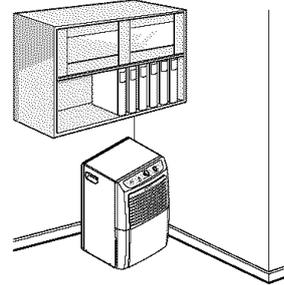
• Use the dehumidifier in a basement to help prevent moisture damage.



• Use the dehumidifier in laundry drying, bathing, and dishwashing areas which have excessive moisture.



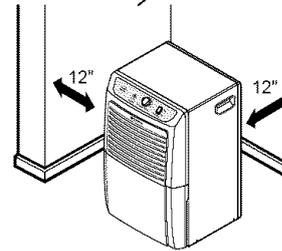
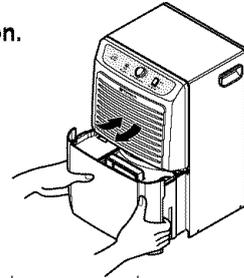
• Use the dehumidifier to prevent moisture damage where books are stored.



ENGLISH

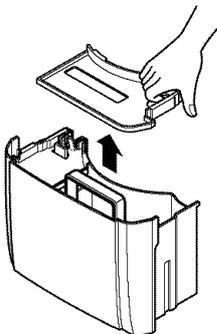
INSTALLING THE DEHUMIDIFIER PROPERLY

1. Allow at least 12 inches of space on all sides of the unit for good air circulation.
2. Install your dehumidifier on a floor only.
3. Lift the bucket and place it in the dehumidifier, making sure the slots on the bottom side of the bucket are positioned correctly.
4. Swivel casters allow you to move the dehumidifier easily.



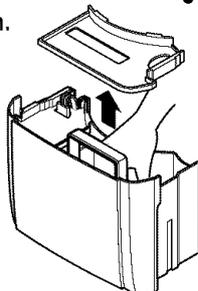
THE CLEANING OF BUCKET

1. Pull out the bucket cover.



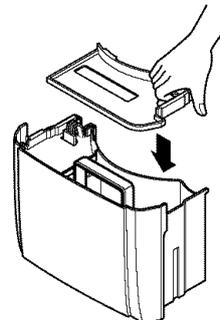
2. Brush off the residue in the bucket.

NOTE Clean the bucket by wiping with a brush or a cloth dampened in a mild detergent solution.



3. Close the cover.

NOTE Push the tabs on the top of the bucket cover when installing the bucket cover.



MAINTENANCE

Your dehumidifier is designed to serve you year-round. It needs practically no attention. However, you should check your dehumidifier and inspect the coils annually.

You may want Sears Parts & Repair Center to perform this annual checkup. (Cost of the inspection is the owner's responsibility.)

OR

If you are familiar with electrical appliances and their functions, listed below are instructions which would allow you to perform the inspection and maintenance for yourself.

Cleaning the front case, bucket and cabinet

Clean the front case and the cabinet with a soft cloth, warm water, and a mild detergent.

Clean the grille with a vacuum attachment or brush.

Do not use bleach or abrasives.

Cleaning the air filter

1. Remove water bucket from the cabinet.
Pull out the air filter as shown above.
2. Wash air filter with warm water and a mild detergent. Rinse and dry it.
Replace it in the unit.

Cleaning the coil

1. Remove Front Grille from the cabinet as shown.
2. Use a small brush to gently clean the coils as shown.
If necessary use warm water and a mild detergent. Rinse and dry thoroughly.

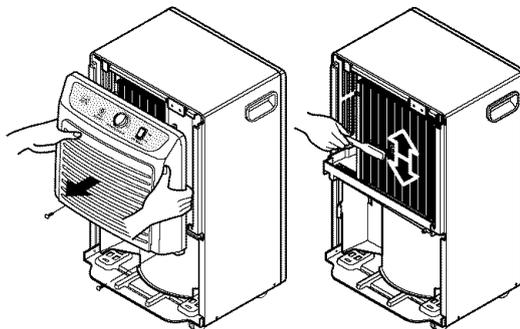
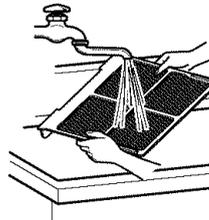
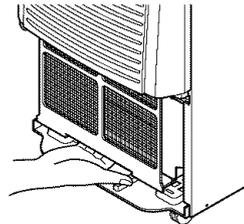
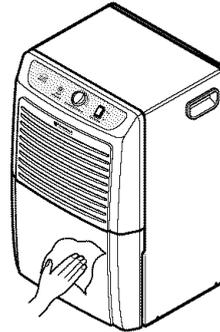
 **CAUTION : Do not spray the coil with a water hose.**
Be careful! Sharp edges!

WARNING

Electrical Shock Hazard

- Disconnect power supply cord from receptacle before performing any maintenance.
- Be careful when cleaning the coils.
Fins are sharp.

Failure to follow the above precautions could result in electrical shock or personal injury.



TROUBLESHOOTING



The dehumidifier may be operating abnormally when:

Problem	Possible Causes	What To Do
Dehumidifier does not start	■ The dehumidifier power cord is unplugged.	• Make sure the dehumidifier plug is pushed completely into the outlet.
	■ The fuse is blown or circuit breaker is tripped.	• Check the house fuse or circuit breaker box and replace the fuse or reset the breaker.
	■ Water bucket is full.	• The dehumidifier automatically turns off when this occurs. Empty the bucket.
	■ Bucket is not installed.	• Make sure the bucket is in the right place.
Dehumidifier does not dry the air as it should	■ Did not allow enough time to remove the moisture.	• When first installed, allow at least 3 or 4 days to maintain the desired dryness.
	■ Airflow is restricted.	• Make sure there are no curtains, blinds or furniture blocking the front or back of the dehumidifier.
	■ The Humidity Control may not be set high enough.	• Turn the humidity control knob closer to the Max position.
	■ Doors and windows may not be closed tightly.	• Check that all doors, windows and other openings are securely closed.
	■ Clothes dryer may be blowing moisture-laden air into the room.	• Install the dehumidifier away from the dryer. The dryer should be vented to the outside.
	■ Room temperature is too low.	• The unit will not operate satisfactorily if the room temperature is below 65°F. (18 °C.).
Dehumidifier runs too much	■ Area to be dehumidified is too large.	• Check with your dealer to see if the capacity is adequate.
	■ Doors and windows are open.	• Close all doors and windows to the outside.
Frost appears on the coils	■ Dehumidifier has recently been turned on or room temperature is below 65°F (18°C).	• This is normal. Frost will usually disappear within 60 minutes.
Fan noise	■ Air is moving through the dehumidifier.	• This is normal.
Water on floor	■ Drain hose connection may be loose.	• Check the hose if one is attached.
	■ Water bucket is not in all the way.	• See Removing and Emptying The Water Bucket.

ENGLISH

Get it fixed, at your home or ours!

Your Home

For repair – **in your home** – of **all** major brand appliances, lawn and garden equipment, or heating and cooling systems, **no matter who made it, no matter who sold it!**

For the replacement parts, accessories and owner's manuals that you need to do-it-yourself.

For Sears professional installation of home appliances and items like garage door openers and water heaters.

1-800-4-MY-HOME® (1-800-469-4663)

Call anytime, day or night (U.S.A. and Canada)

www.sears.com www.sears.ca

Our Home

For repair of carry-in items like vacuums, lawn equipment, and electronics, call or go on-line for the location of your nearest **Sears Parts & Repair Center.**

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