

# CROSLEY®

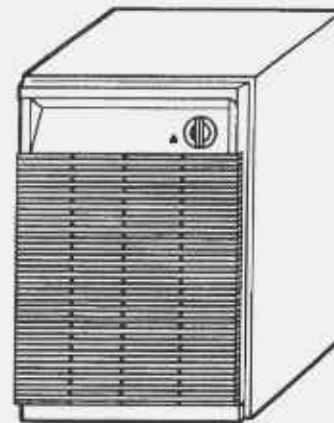
## COMPACT DEHUMIDIFIER OPERATING INSTRUCTIONS

Record in space provided below the Serial No. and Model No. of this appliance

MODEL NUMBER \_\_\_\_\_

SERIAL NUMBER \_\_\_\_\_

DATE OF PURCHASE \_\_\_\_\_



**READ AND SAVE THESE INSTRUCTIONS**

### IMPORTANT ELECTRICAL INFORMATION

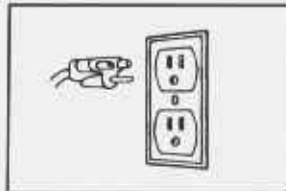
Your dehumidifier is designed to operate on ordinary household 110/120 volt 60-cycle alternating current. A 15 or 20 ampere fused separate circuit, serving only this appliance is required.

### GROUNDING FOR YOUR SAFETY

For your safety and protection, this dehumidifier is equipped with a three-terminal type grounding plug on the power cord. (See illustration). It must be plugged into a properly grounded and polarized three-prong receptacle.

If the receptacle you intend to use will not accept the three-prong plug, or, if you are not sure the receptacle is adequately grounded, you should have a properly grounded three-pronged outlet installed according to the National Electrical Code by a qualified electrician.

DO NOT UNDER ANY CIRCUMSTANCES BEND OR REMOVE THE ROUND GROUNDING PRONG FROM THE PLUG IN ORDER TO MAKE IT FIT A TWO-PRONG RECEPTACLE.



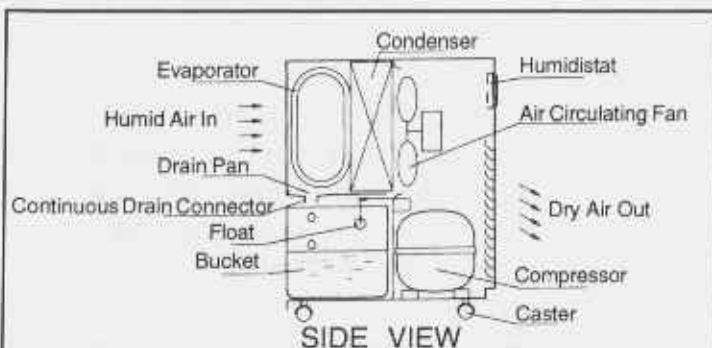
### WHAT A DEHUMIDIFIER DOES

By removing moisture from the air, dehumidifiers protect homes from the damages of excess humidity. They effectively help to prevent the mildewing of stored valuables, the rusting of tools, the swelling of floors, panel walls, drawers and doors.

### HOW A DEHUMIDIFIER WORKS

The dehumidifier removes moisture from the air by passing the moist air over a cold dehumidifying coil. The moisture condenses out of the air on this coil and then drains from the coil into a bucket.

A dehumidifier reduces the relative humidity of the surrounding air two ways. The removal of moisture from the air (as just described) reduces its humidity. The relative humidity of the air is further reduced by heating as the dry air is discharged over the condenser and out the front. **The air is actually heated several degrees in this process. It is normal for the surrounding air to slightly increase in temperature as the dehumidifier operates.** This heating effect further reduces the relative humidity of the surrounding air.



### WHERE TO POSITION YOUR DEHUMIDIFIER

The dehumidifier must be operated in an enclosed area in order to be most effective. Close all doors and windows and other outside openings to the room, since the size of space in which the dehumidifier will operate effectively is greatly influenced by the rate at which new moisture enters the room.

When locating the dehumidifier, be sure that it is placed so there is no restriction to air flowing either into the coils at the rear or from the front grille.

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 inside the enclosed storage area for satisfactory drying action.

To remove your dehumidifier, easily lift the back of the unit slightly, pushing it into desired location.

### HOW TO OPERATE

#### UNPACK

When the dehumidifier has been removed from the carton, it is completely assembled and ready to use.

#### PLUG IN

Just plug the electrical cord into any properly-grounded 110/120 volt A.C. outlet. (See section "Grounded for Your Safety"). Turn the Humidity Control Knob clockwise until unit starts. Immediately, the fan starts pulling moisture-laden air from the room across the dehumidifying coils which condense or "draw-off" the moisture. The air flows out the front grille into the room as dry, warm air.

### TIPS ON EFFICIENT USE OF YOUR DEHUMIDIFIER

A humidistat (not used on all models) assures you of efficient, economical operation. This Humidity Control automatically starts the dehumidifier when the humidity is excessive, and shuts it off when the humidity is reduced to the position set on the Control. The control has an "OFF" position and the dial is infinitely adjustable to provide a "dryness" condition that suits your particular need.

### INITIAL OPERATION

When you first begin operation of all models, we recommend that you turn the Humidity Control Knob completely clockwise. At this setting, the unit will operate continuously. Allow the dehumidifier to operate at this setting for three to four days. During this period of time, careful consideration should be given to the dampness in the area being dried. If the sweating has discontinued and if the dampness odors are gone, we suggest that the Control be adjusted counterclockwise until the desired dryness is maintained. The dehumidifier should be kept in operation as long as excess moisture is present.

### PRESENCE OF FROST ON COILS

A light coating of frost on the coils is normal when the dehumidifier is first turned "ON". Under normal conditions, it will disappear within 30 to 45 minutes. It is also perfectly normal for frost to form on the coil when the temperature of the room is relatively cool (65° or lower) or the humidity conditions do not require use of the dehumidifier. See "Frost Protection".

## HOW MUCH MOISTURE SHOULD YOUR DEHUMIDIFIER REMOVE

When the dehumidifier is first put into operation, it will remove relatively large amounts of moisture until the relative humidity in the area being dried is reduced to where moisture damage will not occur. After this, the amount of moisture removed from the air will be considerably less. This reduction in the amount of moisture being removed indicates that the dehumidifier has done its job and that it is maintaining the relative humidity at a safe level. The performance of the dehumidifier should be judged by the elimination of the dampness and dampness odors rather than by the amount of moisture being removed and deposited in the bucket.

## OPERATING CONDITIONS AT TEMPERATURE BELOW 65° F (NEAR FREEZING TEMPERATURE)

A dehumidifier will not operate satisfactorily below 65° F. At this temperature it becomes necessary to operate the dehumidifying coil below freezing temperatures in order to reduce the relative humidity to a reasonable value. For the same reason, a dehumidifier will not eliminate the frosting of windows in the winter time. Since the dehumidifying coil normally operates above freezing temperature it cannot prevent moisture from condensing on the inside surface of a window pane that is below freezing.

## FROST PROTECTION (AUTO SHUT DOWN)-On models so equipped

This is a temperature control which is designed to prevent frost or ice from remaining on the dehumidifying coil for an extended period of time. However, frost or ice may occur under certain conditions of low temperature and humidity, and when these conditions exist, the Frost Protection will shut off the compressor. The fan will continue to run, causing any accumulated frost or ice to melt. The compressor will turn on again and the dehumidifier will resume its normal operation...except when the room air temperature is too low to justify running the unit.

The Frost Protection feature is also designed to prevent excessive on-off cycling, and under certain conditions this 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 an abnormal condition.

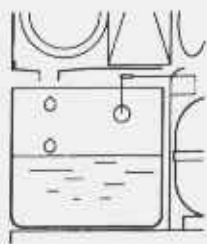
Fan Speed Switch (controls fan speed) on models so equipped, use desired setting: number 2 for faster moisture removal, number 1 for quieter operation.

## REMOVING COLLECTED WATER

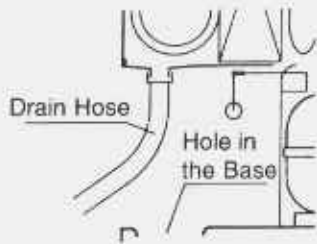
The water collected from the air by your dehumidifier can be disposed of in several convenient ways. All units are supplied with a 20 pint bucket that is open and a float mechanism activated by a plastic float to accumulate the water, and all are equipped with an Automatic Water Overflow Control that stops the unit before the bucket overflows in the event that you forget to empty it. When the bucket fills with water the float rises and the unit shuts off as the amount of water gets near to its full capacity of the bucket.

Water can be automatically emptied into a floor drain by attaching a water hose with a metal coupling to the threaded connector under the drain pan. Once the bucket is removed a hose can easily be attached. The dehumidifier can also be placed over a floor drain. By removing the bucket, the water will drip directly through the hole in the base into the drain. The dehumidifier is equipped with a Signal Light (on models so equipped) which indicates that the Overflow Control has stopped the unit. When the bucket is emptied, the Control will again turn the unit on and the action will be resumed. This convenient device is activated by the water level float.

**WARNING:** To prevent risk of electrical shock, disconnect dehumidifier from electrical outlet before doing any cleaning.



NORMAL USE



CONTINUOUS  
DRAIN OFF

## PROPER CARE

Occasionally you may want to clean the front grille, air filter (on models so equipped) and the dehumidifying coil. Use a vacuum cleaner and brush attachment to clean the grille and filter.

An air filter at the rear of the dehumidifier cleans the air entering the dehumidifying coil. Check frequently to make sure it is clean. A dirt-choked filter will block air flow and reduce the unit's efficiency.

The filter snaps out for cleaning and is washable. It will be easily removed by just pulling the lower middle side. Wash it in a mild solution of household detergent and warm water. Then rinse it thoroughly.

After extended periods of operation, a build-up may develop on the coil. It is readily removed when it is still soft and wet by brushing it away with a soft brush (such as a small paint brush, pastry brush or the like). If allowed to dry and harden, it is difficult to remove and must be soaked and softened.

If you feel you must flush the coil, DO NOT permit a large quantity of water to enter the electrical-machine compartment through the circular opening behind the coil. Use a squirt bottle so that you can control the water.

## FAN AND FAN MOTOR

The fan motor used on your dehumidifier is prelubricated. Under ordinary circumstances, the fan will not require servicing or oiling during the life of the dehumidifier.

## BEFORE YOU CALL FOR SERVICE

### NOTICE

When installing the bucket, make sure the "BUCKET FULL" light (on models so equipped) on the front is "OUT" otherwise the unit will not come on. If this occurs, reseal the bucket.

As many as 25% of service calls are not due to improper appliance performance, so before you call for service, make these checks:

- 1. Unit is not operating**
  - Unit is unplugged.
  - Fuse has blown or circuit breaker tripped (check outlet with another appliance or lamp).
  - Check humidistat setting (see Section "How Much Moisture Should Your Dehumidifier Remove").
  - Check bucket. Empty if full.
- 2. Frost build-up on Coil**
  - Is the air temperature too cold?  
Check the air entering the back of the Dehumidifier. If it's below 65° or the humidity is too low, the Dehumidifier will not remove moisture.
- 3. Does Moisture Removal Seem Inefficient?**
  - Is the unit located to allow the maximum amount of air flow through the coils? Air restriction will limit the unit's capacity to remove moisture. If the unit is sitting close to the wall, the air flow may be restricted through the coils.

## IMPORTANT

**It is recommended to wait a minimum of 8 minutes before turning the unit on after the compressor stops running. This time allows pressure inside the unit to equalize and to cool down or re-set of PTC relay for a full torque start on the compressor.**