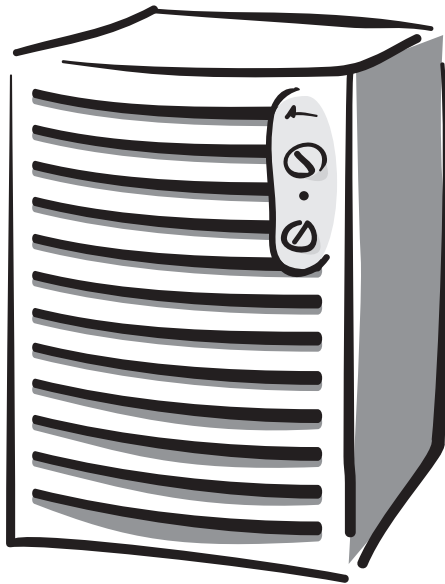




# Owner's Manual



<b>Contents</b>	
Service Information .....	2
Important Safety Information .....	3
Installation and Controls .....	4
Getting Started .....	5
Draining Water .....	5
Care and Cleaning .....	6
When You Shouldn't Use .....	6
Before You Call For Service .....	7
Warranty .....	8

## Free-O-Frost™ Dehumidifier

Keep instructions for future use. Make sure that manual stays with dehumidifier.



# Thank you for buying an Amana® Dehumidifier!

Please take the time to complete the registration card and return promptly. If registration card is missing, call Amana Consumer Affairs Department. When contacting Amana, provide product information from serial plate found on back of dehumidifier behind removed drain bucket:

Model Number \_\_\_\_\_  
Manufacturing (P) Number \_\_\_\_\_  
Serial Number (S/N) \_\_\_\_\_  
Purchase Date \_\_\_\_\_  
Dealer Name \_\_\_\_\_  
Dealer Address \_\_\_\_\_  
Dealer Phone \_\_\_\_\_

**Keep this manual and your sales receipt together in a safe place** for future reference or if warranty service is required. **Warranty service must be performed by an authorized servicer.** Amana Appliances also recommends contacting an authorized servicer if service is required after warranty expires.

## Asure™ Extended Service Plan

Amana Appliances offers long-term service protection for this new dehumidifier Asure™ Extended Service Plan, covering functional parts, labor, and travel charges, is specially designed to supplement a strong warranty. Call 1-800-528-2682 for information.

## Parts and Accessories

Purchase replacement parts and additional accessories by phone. To order accessories for your Amana product, call 1-800-843-0304 inside USA or 319-622-5511 outside USA.

## Authorized Service

For answers to questions or to locate an authorized Amana Appliances servicer, call 1-800-628-5782 inside USA or 1-319-622-5511 outside USA.

For more information on this and other Amana products, visit our Web site

**www.amana.com**

or

call Consumer Affairs Department at

**1-800-843-0304**

## Save Time and Money

If something seems unusual, please check "Before Calling For Service" section, which is designed to help you solve problems before calling service. If you have a question, write or call us (include model number and phone number) at:

Consumer Affairs Department  
Amana Appliances  
2800 - 220th Trail  
Amana, Iowa 52204  
Ph# 1-800-843-0304

# IMPORTANT SAFETY INFORMATION

To avoid risk of fire, electric shock, serious injury, or death when using your dehumidifier, follow these basic precautions:

## WARNING

This dehumidifier is equipped with a three-prong (grounding) plug for protection against possible shock hazards. If a two-prong wall receptacle is encountered, contact a qualified electrician and have the two-prong wall receptacle replaced with a properly grounded three-prong wall receptacle in accordance with the National Electrical Code.

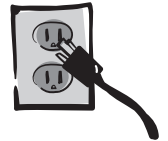
## WARNING

- Read all instructions before using dehumidifier.
- Be sure dehumidifier is properly grounded. Dehumidifier must be grounded at all times.
- Do not under any circumstances cut or remove the round grounding prong from the three-prong plug.
- To avoid risk of electric shock or fire, do not use extension cords or adapters to connect dehumidifier to electrical power source.
- Do not tamper with dehumidifier controls.
- Do not repair or replace any part of dehumidifier or attempt any service, unless specifically recommended in user-maintenance instructions or in published user-repair instructions that you understand and have skills to carry out.
- Do not allow children to play on or with dehumidifier. Close supervision of children is necessary when dehumidifier is used near children, a safety rule for all appliances.
- Keep in good condition. Bumping or dropping can damage safety features. If damage occurs, have dehumidifier checked by qualified service technician.
- Replace worn power cords and/or loose plugs.
- Never operate with guards and/or panels removed.

## CAUTION

To prevent personal injury due to tipping, do not sit or stand on any part of dehumidifier at any time.

Your dehumidifier is designed to operate on a separate 110 to 120 volt, 60 Hz line, at a maximum of 8.2 amps. Ensure circuit capacity is adequate for proper unit performance.



## CAUTION

To prevent damage to dehumidifier do not repair or replace any part of dehumidifier unless instructions for doing so are included in these instructions.

## What You Need to Know about Safety Instructions

### Warning and Important Safety

Instructions appearing in this manual are not meant to cover all possible conditions and situations that may occur. Common sense, caution, and care must be exercised when installing, maintaining, or operating dehumidifier. Always contact your dealer, distributor, service agent, or manufacturer about problems or conditions you do not understand.

## Recognize Safety Symbols, Words, Labels

### DANGER

**DANGER**—Immediate hazards which **WILL** result in severe personal injury or death.

### WARNING

**WARNING**—Hazards or unsafe practices which **COULD** result in severe personal injury or death.

### CAUTION

**CAUTION**—Hazards or unsafe practices which **COULD** result in minor personal injury or product or property damage.

# SAVE THESE INSTRUCTIONS

# Installation & Controls

## Installation

### Uncrating

- Remove all packing material before turning on power.
- If shipping tape has left a residue on dehumidifier, rub toothpaste gently onto residue to remove.
- When dehumidifier has been removed from carton, it is completely assembled and ready for use.

### Location

- Close all doors, windows, and other outside openings.
- Size of area will greatly influence efficiency.
- Place dehumidifier so there is no air flow restriction at front or rear.
- Do not place in closet unless there is sufficient air flow.
- A second dehumidifier may be required for large areas.

### Before You Begin

- Make sure drain bucket is placed correctly.
- Read instructions for first use.
- Do not attempt to service or repair yourself.
- Do not operate on days that have low humidity levels.
- Dehumidifiers vary by model. Know which model you own.

## Controls

### Overflow Control

Each dehumidifier is equipped with a signal light which indicates the overflow control has stopped the unit. To resume normal function, simply drain the bucket by shutting off the dehumidifier, removing and emptying the bucket. Replace bucket by sliding back into rear of dehumidifier.

When placing the drain bucket in the dehumidifier, ensure the plastic float is hanging freely in the drain bucket and that the signal light is not on. If the light is on, reposition the bucket until it shuts off.



### ? If These Controls are Different from Yours

This manual is intended to show the variety of features that are available in the product line. If your dehumidifier does not have all the options that are shown, it is because the information provided applies to several of the models in the product line.

### Humidistat

All Amana dehumidifiers feature a built-in humidistat to ensure efficient, economical operation. Humidistat control automatically starts the dehumidifier when excessive humidity is present. After humidity is reduced to a level specified by the humidistat setting, the dehumidifier will stop running. The humidistat has an infinitely adjustable range from "OFF" to "HIGH".



### Fan Control (some models)

For maximum moisture removal set fan control to high. When the humidity level has reached the desired level or quieter operation is preferred, reduce fan speed to low. Low setting can be used any time fast moisture removal is not required.



# Getting Started

## The First Time Running

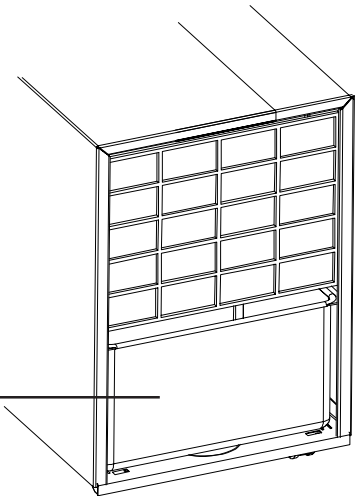
When you first run the dehumidifier it will probably remove large amounts of moisture from the area. The dehumidifier will continue to remove moisture from the area until the relative humidity falls into a comfort zone. Within this comfort range, moisture damage will not occur and the amount of moisture removed from the air will be noticeably less. The dehumidifier is working well when dampness and odors have been reduced or removed. **Do not judge performance solely by water collected in the drain pan.**

1. Place the dehumidifier in center of humid area. Turn humidistat control to 'MAX' and fan to 'HIGH' position.
  - At this setting unit should run continuously.
2. Allow unit to operate 3 to 4 days.
  - If dehumidifier accumulates 40 and 50 pints of fluid during this time, it should be run at high.
3. When dampness or odors are gone, turn humidistat control counterclockwise until the specific dryness level is maintained.
  - This will allow the dehumidifier to automatically activate when humidity exceeds the comfort zone and suspend activity when the comfort zone has been achieved.

## Drain Bucket

The dehumidifier is shipped with a drain bucket and an automatic overflow protection system. The overflow control is activated by a plastic float. As the amount of water in the drain bucket reaches the top, the float rises and the dehumidifier shuts off.

Drain bucket



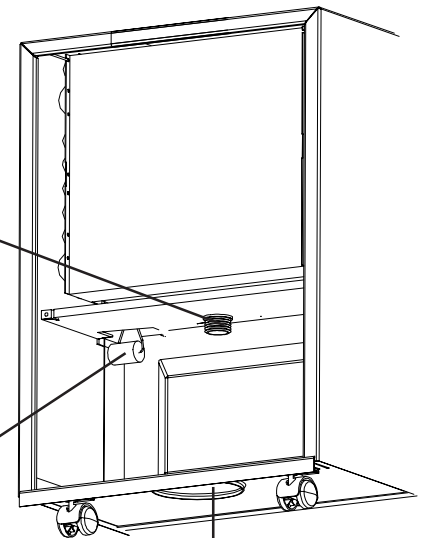
## Drain Hose

By removing the bucket, water can be automatically emptied into a floor drain using a drain hose. Attach a water hose with a metal coupling to the threaded connector under the drain pan. This allows for uninterrupted drainage and low maintenance during in areas of excessively high humidity.

Hose connector

Float

Drainage hole



# Care and Cleaning

## Frost Accumulation

When dehumidifier is first turned “ON” a light coating of frost on cooling assembly is normal. Under normal conditions frost will disappear within 30 to 45 minutes. It is also normal for frost to form on cooling assembly when temperature in room is relatively cool (65° F or lower) or if humidity conditions do not require use of dehumidifier. When this occurs, the frost control feature will automatically shut off the compressor. The fan will continue to run, causing any accumulated frost to melt. Under certain conditions, frost may remain on the coil for some time before the compressor shuts off and frost is cleared. Do not attempt to remove this frost yourself. The dehumidifier will cycle through defrost automatically.

## Your Evaporator

Depending on the dehumidifier model you have, the evaporator will be different. On DK25 and 40 models, the evaporator is a moderately rigid metal coil. For DK55 models, the evaporator is an evaporator assembly, resembling a hard grid with fins.

## Poor Water Collection

may be normal. Do not judge the efficiency of your dehumidifier by the amount of water collected daily. Instead, monitor the absence of dampness and odors caused by excessive humidity.

## Frosty Windows

A dehumidifier will not eliminate frost already established on windows in cold weather. The dehumidifying coil is designed to remove moisture before it freezes. Therefore, it is unable to remove moisture that has already turned to frost. To reduce the incidence of frost, it may helpful to use a dehumidifier in a kitchen or laundry area where there is a high level of humidity.



## WARNING

To avoid risk of electrical shock, personal injury, or death, disconnect dehumidifier from electrical outlet before doing any cleaning.

## Cleaning Exterior

- Do not use harsh cleansers or furniture polish.
- Do dust with oil-free cloth or wash with warm water.

## Cleaning Evaporator Assembly

**The coil cannot be removed. Any attempt to remove the coil will result in damage.** Keeping the air filter clean will minimize coil cleaning.

1. Assembly may be vacuumed gently with a vacuum cleaner brush attachment.
2. After extended periods of operation, a buildup may develop on the coil. When the buildup is loose and wet remove it by brushing with a soft brush, such as a paint or pastry brush. If dry and hard, spray the coil with warm, soapy water. Allow to soak. Then use a soft brush to gently remove the buildup. It may take several sprays to remove all crusted material.
3. To flush the coil, use a squirt bottle so that you can control the water.
4. Do not permit water to enter through the circular opening behind the coil. Do not attempt to soak or wash the assembly.
5. For further cleaning, professional service will be required.

## Cleaning the Air Filter

Your dehumidifier is equipped with an air filter to clean incoming air and prevent the evaporator from clogging with dirt and debris. Over time, dirt will accumulate in the filter. A dirty filter will block air flow, reducing efficiency. To decrease need for professional servicing, the air filter will need to be cleaned or replaced.

To clean the air filter:

- Remove the air filter by gently pulling the four tabs out from the rear frame.
- Vacuum with a brush attachment.
- The air filter can also be gently washed under a faucet with mild soap.
- For a torn or worn air filter, a replacement can be ordered.
- Replace air filter by putting tabs in the correct slots in the rear frame, flexing the filter slightly and snapping into place

## Caring for Fan Motor

The fan motor is shipped prelubricated, it will not need to be oiled or serviced.

# Trouble Shooting

You may save time and money by checking items below before calling for service. List includes common concerns that are not the result of defective workmanship or materials. If your question is not explained below, contact **Amana Consumer Affairs Department at (800) 843-0304.**

## TOPIC POSSIBLE CAUSE SOLUTION

### OPERATION

Dehumidifier will not turn on	Electrical power cord may not be plugged in, or connection may be loose.	Make sure plug from power cord fits tightly into wall outlet. Make sure there is power to outlet.
	Fuse could be blown or circuit breaker tripped.	Replace fuse or reset circuit breaker. Do NOT increase fuse capacity. Call qualified electrician to correct circuit overload problem. Call local utility company to correct power outage.
Dehumidifier will not run (humidity is still present)	Overflow tank could be full (indicated by full light being lit).	Drain bucket and replace correctly.
	Humidistat setting may be too low.	Increase humidistat setting by turning clockwise. This will increase the amount of humidity pulled from the air.
	Frost may be present on coil.	Allow dehumidifier to cycle through the frost thawing process. Normal operation will continue once frost has been thawed and removed from coils. Do NOT remove manually as damage may occur on the coils.
Dehumidifier is running, low collection of water	Humidistat setting may be too low.	If humidity is present, increase humidistat setting by turning clockwise. This will increase the amount of humidity pulled from the air.
	Unit is effectively removing humidity.	If dampness and odors have been eliminated, dehumidifier is operating normally.

### FROST BUILDUP

Light buildup of frost is present	First time dehumidifier has been used.	Normal.
	Air temperature could be too cold (less than 65 °F).	Increase room temperature, if possible. Move away from cold surfaces, such as outer walls or drafts.
Heavy buildup of frost is present	Humidistat setting may be too high.	Lower the humidistat setting by turning counter-clockwise. Use lowest setting that controls dampness and odors.
	Frost thaw cycle may not be working.	If humidistat setting is already at low, this could be the problem. Unit needs to be serviced.
	Coils could be dirty.	See Care and Cleaning.

### HUMIDITY REMOVAL

Little collection in drain pan (Humidity still present)	Air flow could be restricted through coils.	Move dehumidifier to a better ventilated location.
	Air filter could be dirty.	Vacuum filter with a brush attachment. Order new filter for replacement if necessary.
	Coils could be dirty.	See Care and Cleaning.
	Humidistat setting may be too low.	Increase humidistat setting by turning clockwise. This will increase the amount of humidity pulled from the air.
	Frost may be present on coil.	See <b>Frost Build Up</b> , above.
Little collection in drain pan (Humidity not present)	Humidity is already within comfort zone range.	Normal. Judge effectiveness by removal of dampness and odors.

# Amana Dehumidifier Warranty

## First and Second Year

Amana Appliances will provide a free replacement part including related labor for any part that is defective due to workmanship or materials, when the product is carried into an authorized technician.

## Third Through Fifth Year

Amana Appliances will provide a free replacement sealed system component (compressor, evaporator and interconnecting tubing) including related labor for any sealed system component that is defective due to workmanship or materials, when the product is carried into an authorized technician.

## What is not covered by these warranties

- Replacement of household fuses, resetting of circuit breakers, or correction to household wiring or plumbing.
- Products with original serial numbers removed, altered, or not readily determined.
- Products purchased for commercial, industrial, rental, or leased use.
- Products located outside of the United States or Canada.
- Premium service charges, if the servicer is requested to perform service in addition to normal service or outside normal service hours or area.
- Adjustments after the first year.
- Damage to clothing.
- **Repairs resulting from the following:**
  - Improper installation or maintenance.
  - Any modification, alteration, or adjustment not authorized by Amana.
  - Accident, misuse, abuse, fire, flood, or acts of nature.
  - Connections to improper electrical current, voltage, or supply.

## To Receive Warranty Service

Service must be performed by an authorized Amana service representative. To schedule service, contact the Amana dealer where you purchased your appliance or contact Amana Appliances Factory Service.

**Amana Appliances Factory Service**  
1-800-628-5782 inside USA

**For more information,  
Amana Appliances Consumer Services**  
Amana Appliances  
2800 220th Trail  
Amana, Iowa 52204  
1-800-843-0304 inside USA  
(319) 622-5511 worldwide

## When contacting Amana Appliances please include the following information:

- Your name, address, and telephone number.
- Model number and serial number of your appliance (found in bottom of dehumidifier behind the drain bucket).
- The name and address of your dealer and the date of purchase.
- A clear description of the problem.
- Proof of purchase (sales receipt).

## IN NO EVENT SHALL AMANA BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

This warranty gives you specific legal rights, and you may have others which vary from state to state. For example, some states do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion may not apply to you.