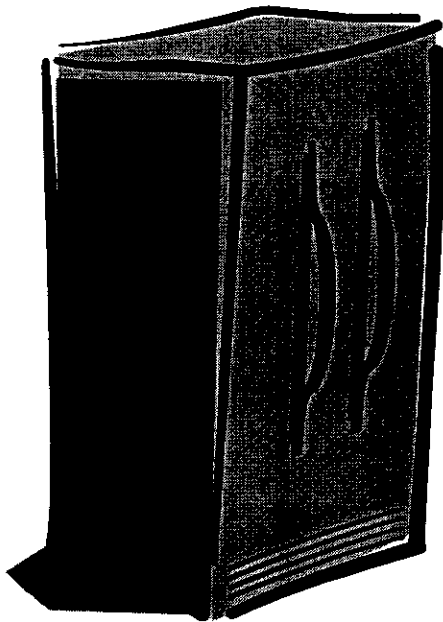


# Owner's Manual

Covering **Amana** and **Amana Distinctions**® Models

**Keep instructions for future reference.**

Keep this manual and your sales receipt together in a safe place in case warranty service is required.



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## Side by Side Refrigerator

Ordering parts and accessories?  
Questions about your features?

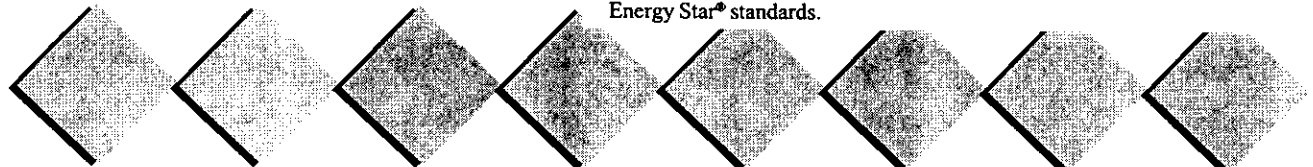
Please contact us with your model and serial number:

Consumer Affairs Department  
Amana Appliances  
2800 - 220th Trail  
Amana, Iowa 52204  
Ph# 1(800)843-0304  
1(319)622-5511 outside U.S.A.  
Internet: <http://www.amana.com>



**As an Energy Star® Partner,  
Amana® has determined that this  
product\* meets the Energy Star®  
guidelines for energy efficiency.**

\* This manual covers several models. Please refer to the feature sticker on the interior of the fresh food door to verify that your model number complies with Energy Star® standards.



# Thank you for buying an Amana refrigerator!

Please read this Owner's Manual thoroughly. This manual provides proper maintenance information.

**Complete registration card and promptly return.** If registration card is missing, call the Consumer Affairs Department.

**Warranty service must be performed by an authorized servicer.** Amana also recommends contacting an authorized servicer if service is required after warranty expires. To locate an authorized servicer, call **1-800-NAT-LSVC (1-800-628-5782)**, or call **1(319)622-5511** if outside the U.S.A. You may also contact us on the web at **www.amana.com**.

When contacting Amana, please provide the following information. Product information is on the serial plate, located on ceiling of fresh food section.

Model Number \_\_\_\_\_

'P' Number \_\_\_\_\_

Serial Number \_\_\_\_\_

Purchase Date \_\_\_\_\_

Dealer Name \_\_\_\_\_

Dealer Address \_\_\_\_\_

Dealer Phone \_\_\_\_\_

## Asure™ Extended Service Plan

Amana offers long-term service protection for this new refrigerator. **Asure™ Extended Service Plan** is specially designed to supplement Amana's strong warranty. This plan covers parts, labor, and travel charges. Call **1(800)528-2682**, or contact us at **www.amana.com** for more information.

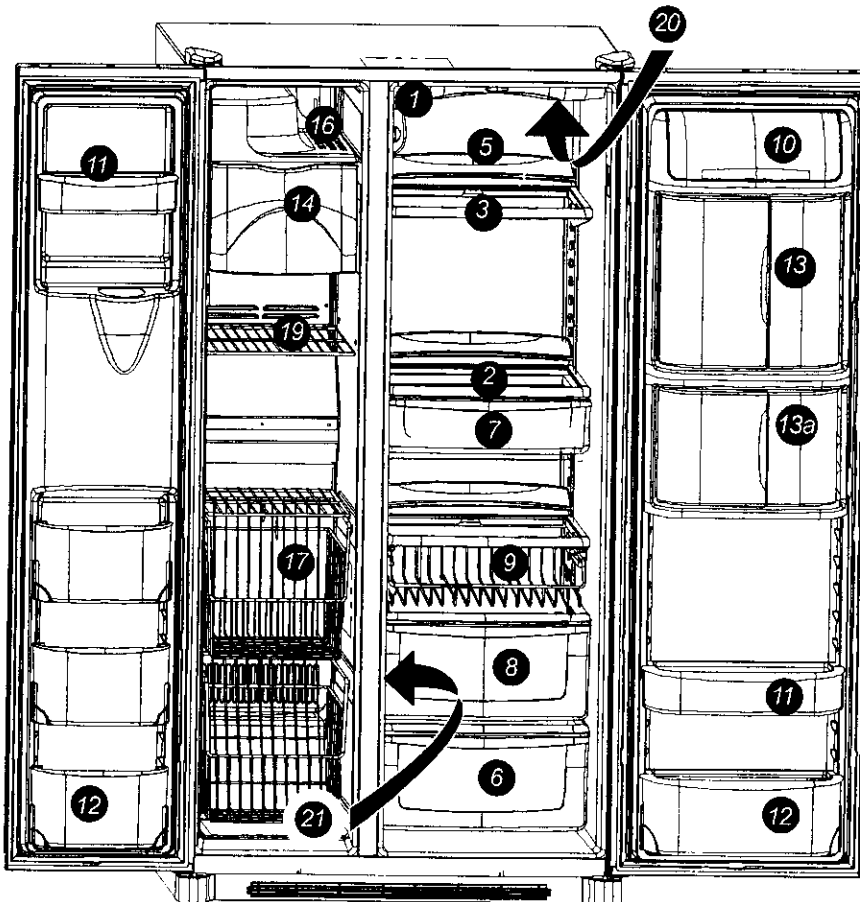
## Before Calling Service...

If something seems unusual, please check "Trouble Shooting" section, which is designed to help you solve problems before calling service.

## What if These Features are Different from Mine?

This book is intended to show the variety of features that are available in the product line. If your refrigerator does not have all the options that are shown, many of these options may be purchased by contacting the Consumer Affairs Department. See contact information on the cover of your manual.

## Features at a Glance



1. Temp Assure® controls
2. Spillsaver™ shelf
3. Spillsaver™ EasyGlide™ shelf
4. SideGlide™ shelves—not shown
5. Rear shelf extensions
6. Deli/Crisper drawer
7. Snack drawer
8. Crisper drawer
9. Beverage Organizer™
10. Dairy center
11. Door buckets
- 11a. Grip pads—not shown
12. Tilt-out bucket
13. Beverage Chiller™
- 13a. MiniChiller™
- 13b. KidZone™ —not shown
14. Ice storage bin
15. Ice maker—not shown
16. Quick Chill Zone™
17. Stor-Mor® system
18. Hanging wire shelf—not shown
19. Fixed freezer shelf
20. Water filter—not shown
21. Air filter—not shown (see LCD dispenser instructions)
22. Lights—not shown
  - Upper fresh food
  - Lower fresh food
  - Freezer
  - Dispenser

# Important Safety Information

## 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.

## 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 refrigerator. Always contact your dealer, distributor, service agent, or manufacturer about problems or conditions you do not understand.

### **WARNING**

**To reduce risk of fire, electric shock, serious injury, or death when using your refrigerator, follow these basic precautions, including the following:**

1. Read all instructions before using refrigerator.
2. Observe all local codes and ordinances
3. Be sure to follow grounding instructions.
4. Check with a qualified electrician if you are not sure this appliance is properly grounded.
5. DO NOT ground to a gas line.
6. DO NOT ground to cold water pipe.
7. Refrigerator is designed to operate on a separate 103 to 126 volt, 15 amp., 60 cycle line. DO NOT modify plug on power cord. If plug does not fit electrical outlet, have proper outlet installed by a qualified electrician.
8. DO NOT use a two-prong adapter, extension cord or power strip.
9. DO NOT remove warning tag from power cord.
10. DO NOT tamper with refrigerator controls.
11. DO NOT service or replace any part of refrigerator unless specifically recommended in owner's manual or published user-repair instructions. DO NOT attempt service if instructions are not understood or if they are beyond personal skill level.
12. Always disconnect refrigerator from electrical supply before attempting any service. Disconnect power cord by grasping the plug, not the cord.
13. Install refrigerator according to Installation Instructions. All connections for water, electrical power, and grounding must comply with local codes and be made by licensed personnel when required.
14. Keep your refrigerator in good condition. Bumping or dropping refrigerator can damage unit or cause unit to malfunction or leak. If damage occurs, have refrigerator checked by qualified service technician.
15. Replace worn power cords and/or loose plugs.
16. Always read and follow manufacturer's storage and ideal environment instructions for items being stored in refrigerator.

### **DANGER**

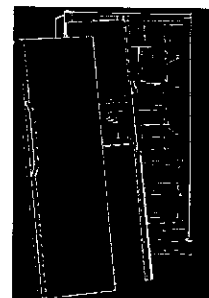
**To reduce risk of injury or death, follow basic precautions, including the following:**

#### Proper Disposal of Your Refrigerator

**IMPORTANT:** Child entrapment and suffocation are not problems of the past. Junked or abandoned refrigerators are still dangerous—even if they sit out for "just a few days". If you are getting rid of your old refrigerator, please follow the instructions below to help prevent accidents.

**BEFORE YOU THROW AWAY YOUR OLD REFRIGERATOR OR FREEZER:**

- Take off the doors.
- Leave the shelves in place so children may not easily climb inside.



## Save These Instructions

# Installing Your Refrigerator

These instructions were provided to aid you in the installation of your unit. Amana cannot be responsible for improper installation.

## How do I measure an opening to insure proper fit?

This refrigerator was designed to fit a 69" tall opening to allow for proper ventilation, leveling, and door adjustments.

Please also take into account, when measuring space for your unit, that some models require a certain amount of clearance around it to allow for proper air flow. Proper air flow is key to keep your unit running a optimum efficiency. To determine measurements, please reference the table below.

Subflooring or floor coverings (i.e. carpet, tile, wood floors, rugs) may make your opening smaller than anticipated.

Some clearance may be gained by using the leveling procedure under *How to Level Your Refrigerator*.

Unit Total Volume	Recommended Clearance		
	Top	Sides	Rear
Less Than 23 cu. Ft.	N/A	N/A	N/A
Greater Than 23 cu. Ft.	½"	N/A	½"

**IMPORTANT:** If unit is to be installed into a recess where top of unit is completely covered, use dimensions from floor to top of hinge cap to verify proper clearance.

## How to Transport Your Unit

Follow these tips when moving the unit to final location:

- NEVER transport unit on its side. If an upright position is not possible, lay unit on its back. Allow unit to sit upright for approximately 30 minutes prior to plugging unit in to assure oil return to the compressor. Plugging unit in immediately may cause damage to internal parts.
- Use an appliance dolly when moving unit. ALWAYS truck unit from its side—NEVER from its front or back.
- Protect outside finish of unit during transport by wrapping cabinet in blankets or inserting padding between the unit and dolly.
- Secure unit to dolly firmly with straps or bungee cords. Thread straps through handles when possible. DO NOT overtighten. Overtightening restraints may dent or damage outside finish.

## How to Select the Best Location

Observe these points when choosing the final location for your unit:

- DO NOT install refrigerator near oven, radiator, or other heat source. If not possible, shield unit with cabinet material.
- DO NOT install where temperature falls below 55° F (13° C). Malfunction may occur at this temperature.
- Make sure floor is level. If floor is not level, shim rear wheels of unit with a piece of plywood or other shim material.
- To assure proper door closure, verify that the unit is leveled with a ¼" tilt to the back.

# Installing Your Refrigerator

## How to Remove the Doors and Hinges

Some installations require door removal to get refrigerator to final location.



### WARNING

To avoid severe personal injury or death, observe the following:

- Disconnect power to refrigerator before removing doors. Connect power only after replacing doors.
- Green ground wire must be attached to top hinge while performing door removal and replacement.
- Tape decorative panels (some models) securely into place before removing door handles.



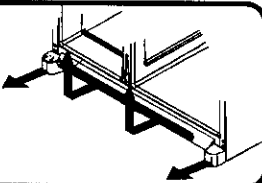
### CAUTION

To avoid property damage, observe the following:

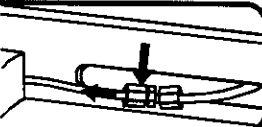
- Protect soft vinyl or other flooring with cardboard, rugs, or other protective material, prior to moving refrigerator.
- To avoid damage or breakage to adjusting bolt, do not use power tools to correct leveling.
- **DO NOT** adjust unit to be any shorter than 68 1/2" inches tall (minus hinge and cap). Doing so may damage underside components.

#### 1 Remove Toe Grille and Bottom Hinge Covers

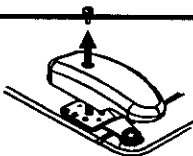
- Open both doors 180°, or as wide as possible, to remove.



#### 2 Unscrew union nut to detach water tube (dispensing models only)



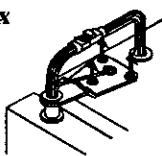
#### 3 Remove top hinge cover by removing Phillips screw.



#### 4 Close doors. Unscrew 5/16" hex head screws from top hinges.

For dispensing models only

- **DO NOT** remove either green ground wire or wire connecting center screw.



#### 5 Detach main wire connector harness. (dispensing models only)

- Use a flat blade screwdriver or fingernail to press junction point between two connectors to release.

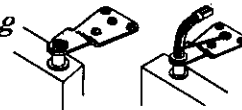


#### Detach red wire harness

- Press tab on underside of connector to release.



#### 6 Remove top hinges along with doors.



#### 7 Remove bottom hinges with a 3/8" hex head driver.



## How to Replace the Doors

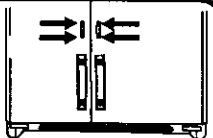
- To replace doors, follow the steps in How to Remove the Doors and Hinges in reverse order.

## How to Install and Remove Handles

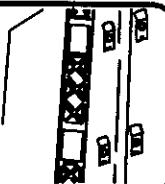
### Installing Handles for LCD and 5-button Dispenser Models (non-stainless steel)

If installing handles for the first time, the fresh food handles can be located within the fresh food section. The handle trim will be located in the literature pack

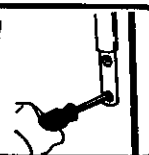
#### 1 Remove two 1/4" hex nut screws from bottom of refrigerator and freezer door.



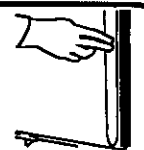
#### 2 Align door handles with top and bottom sets of door clips, and slide down until screw holes on bottom of handles match with door screw holes.



#### 3 Insert screws removed in step 1 into screw holes at bottom of handle section.



#### 4 Snap trim over bottom portion of handles and retainers on bottom of door.



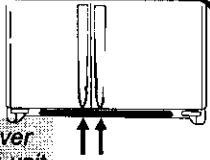
# Installing Your Refrigerator

## How to Install and Remove Handles continued

### Removing LCD and 5-button Dispenser Models (non-stainless steel) Handles

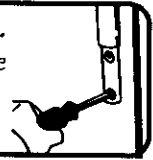
Removing handles may be necessary when transporting unit through tight spaces.

- 1 Remove bottom portion of handles with a very small flat-blade screwdriver.



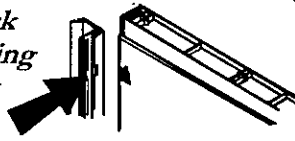
**IMPORTANT:** Wrap blade of screwdriver with masking tape to avoid damaging unit.

- 2 Remove two handle base screws. Pull handle up and out to release from unit. Fit may be tight.



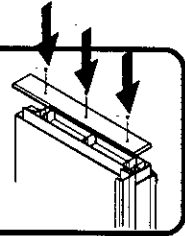
### Installing Full-Length Extruded Handles

- 1 Align notches on back of handle with retaining clips on doors. Insert clips into notches and slide handle down until it contacts bottom trim.



- Repeat instructions to install other handle.

- 2 Replace top door trim with Phillips screws retained from trim removal.



### Removing Full-Length Extruded Handles

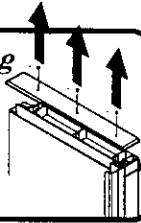
Removing handles may be necessary when transporting unit through tight spaces, or installing or replacing decorative panels.

## **! WARNING**

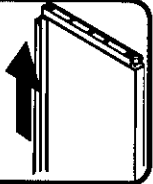
To avoid possible injury and damage to property, tape decorative panels (some models) securely into place before removing door handles.

- 1 Release top door trim by removing Phillips screws from top of fresh food and freezer doors.

- Retain Phillips screws for later replacement.



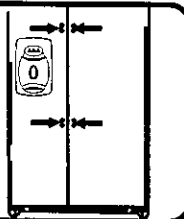
- 2 Grasp handle firmly with both hands and slide handle upward approximately 3/4" to release. Repeat procedure to remove other handle.



### Installing Handles for Distinctions 3-button Dispenser Models

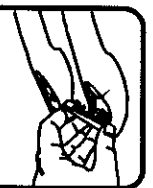
If installing handles for the first time, the fresh food handles can be located within the fresh food section. The colored handle trim will be located in the literature pack

- 1 Remove four 1/4" hex nut screws from top and bottom of doors.



- 3 Snap colored handle trim over screw holes at top and bottom of handles.

- Snap in trim by inserting large round end first.



- 2 Align door handles with screw holes and insert 1/4" hex nut screws removed in step 1.



# Installing Your Refrigerator

## How to Install and Remove Handles *continued*

### Removing Handles for Distinctions 3-button Dispenser Models

Removing handles may be necessary when transporting unit through tight spaces.

- 1 Remove colored handle trim from handles with a very small flat-blade screwdriver.

**IMPORTANT:** Wrap blade of screwdriver with masking tape to avoid damaging unit.



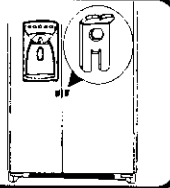
- 2 To release handles, remove 1/4" hex nut screws from top and bottom of handles.



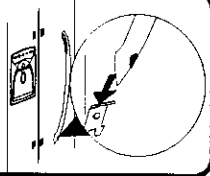
### Installing Front-Mounted Handles for Stainless Steel Models

If installing handles for the first time, the fresh food handles can be located within the fresh food section. The screw plugs will be located in the literature pack.

- 1 Loosen lower door clip on door with 1/4" hex nut driver.

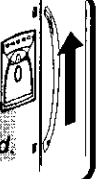


- 2 Locate predrilled hole at base of handle, and fit hollow end of handle over lower door clip.

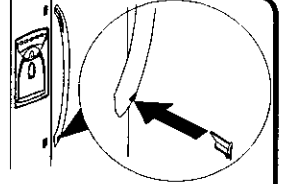


- 3 Fit other end of handle over upper door clip and slide up as far as possible.

**NOTE:** If top of handle does not fit over top clip, loosen lower clip further until fit can be accomplished.



- 4 Insert 1/4" hex nut driver into predrilled hole at base of handle to tighten screw. Insert screw plug into hole, as illustrated.



- 5 Repeat above steps to install other handle.

### Removing Front-Mounted Handles for Stainless Steel Models

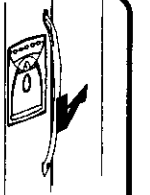
Removing handles may be necessary when transporting unit through tight spaces.

- 1 Remove screw plug at base of handle with a very small flat-blade screwdriver.

- Insert 1/4" hex nut driver into predrilled hole to remove screw.



- 2 Slide handle down and remove from bottom door clip.



- 3 Repeat above steps to remove other handle.

## How to Remove and Install Panels *some models*

Reference the sheet entitled Decorator Door Panel Installation Instructions shipped on the front of your unit.

# Installing Your Refrigerator

## How to Level Your Refrigerator

### CAUTION

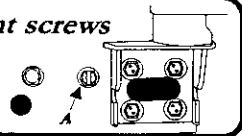
- To avoid damage to walls and flooring, protect soft vinyl or other flooring with cardboard, rugs, or other protective material.
- To avoid damage or breakage to adjusting bolt, do not use power tools to correct leveling.
- **DO NOT** adjust unit to be any shorter than 68 ½" inches tall (minus hinge and cap). Doing so may damage underside components.

#### Materials Needed

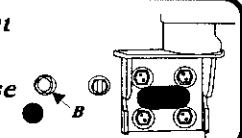
- 3/8" hex head driver
- Level

**1** Remove toe grille and bottom hinge covers (see previous instructions).

**2** Turn both front adjustment screws (A) clockwise to raise and counterclockwise to lower.



**3** Turn both rear adjustment screws (B) clockwise to raise and counterclockwise to lower.



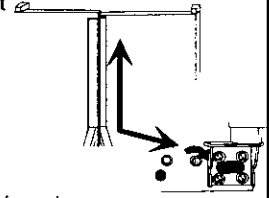
**4** Check with level to verify 1/4" tilt to the back for proper door closure.

- If unit is aligned and stable, replace toe grille and hinge covers.

**5** If required, correct rocking of unit by turning rear adjustment screw clockwise to raise rocking corner.

*If doors are uneven...*

- Determine which door needs to be raised.
- Turn front roller adjustment screw clockwise to raise front corner of door.
- If the unit has reached the limit of its adjustment range, and doors are still not level—lower opposite door by turning roller adjustment screw counterclockwise.
- Check with level to verify 1/4" tilt to the back for proper door closure.
- If unit is aligned and stable, replace toe grille and hinge covers.





# Installing Your Refrigerator

## How to Connect the Water Supply

### **WARNING**

To avoid electrical shock which can cause severe personal injury or death, disconnect power to refrigerator before connecting water supply. After connecting water supply, connect power.

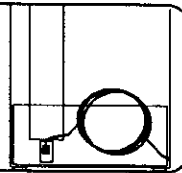
### **CAUTION**

To avoid property damage, observe the following:

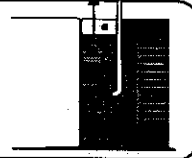
- Consult a plumber to connect copper tubing to household plumbing to assure compliance with local codes and ordinances.
- Confirm water pressure to water valve is between 20 and 100 pounds per square inch. If water filter is installed, water pressure to water valve must be a minimum of 35 pounds per square inch.
- DO NOT use a self-piercing, or  $\frac{3}{16}$ " (4.8 mm) saddle valve. Both reduce water flow, become clogged with time, and may cause leaks if repair is attempted.
- Tighten nuts by hand to prevent cross threading. Finish tightening nuts with pliers and wrenches. Do not overtighten.
- Wait 24 hours before placing unit into final position to check and correct any water leaks.

**1** Create service loop with tubing using care to avoid kinks in tubing.

**NOTE:** Add 8' (2 m) to tubing length needed to reach water supply for creation of service loop.



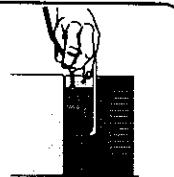
**2** Remove plastic cap from water valve inlet port.



**3** Place brass nut and sleeve on copper tube end as illustrated.

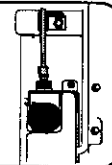


**4** Place end of copper tubing into water valve inlet port. Shape tubing slightly—DO NOT KINK—so that tubing feeds straight into inlet port.

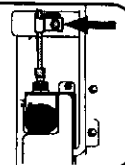


**5** Slide brass nut over sleeve and screw nut into inlet port. Tighten nut with wrench. Pull on tubing to confirm connection is secure.

**IMPORTANT:** DO NOT overtighten. Cross threading may occur.



**6** Locate water tubing clamp and install with  $\frac{1}{4}$ " hex head screw, as illustrated. Turn on water supply and correct any leaks, if present.



**7** Monitor water connection for 24 hours. Correct leaks, if necessary.

#### **Materials Needed**

- $\frac{1}{4}$ " (6 mm) outer diameter flexible copper tubing
- Brass nut and sleeve (see literature pack)
- Shut-off valve (requires a  $\frac{1}{4}$ " or 6 mm hole to be drilled into water supply before valve attachment)
- Adjustable wrench

# Installing Your Refrigerator

## How to Adjust the Temperature Controls

This refrigerator is designed to operate at a household temperature of 55° to 110°F (13° to 43° C). For initial temperature setting, follow all five steps listed below. If doing a simple temperature modification for an operational unit, only steps 3 through 5 are required.

How do I perform a temperature test with my dial temperature controls?



### Materials needed

- 2 thermometers measuring -5° to 50°F (-21° to 10°C)
- 2 drinking glasses

### For Freezer

- Place thermometer in glass of vegetable oil in middle of freezer and continue with step 3 of *How to Adjust the Temperature Controls* section.

**IMPORTANT:** Due to design of unit, always start temperature adjustments with freezer section.

### For Refrigerator

- Place thermometer in glass of water in middle of unit and continue with step 3 of *How to Adjust the Temperature Controls* section.

**1** Locate refrigerator and freezer controls on upper left wall of refrigerator section, and set both controls to 4.

**IMPORTANT:** Neither section will cool if freezer control is set to Off.

**2** Allow 24 hours for temperatures to stabilize.

**3** Check to see if freezer temperature is 0° to 2° F (-17° to -16° C).

- Turn control to next highest number if too warm.
- Turn control to next lowest number if too cold.
- Allow 5 to 8 hours for adjustments to take effect.

**4** Check to see that refrigerator section is 38° to 40° F (3° to 4° C).

- Turn control to next highest number if too warm.
- Turn control to next lowest number if too cold.
- Allow 5 to 8 hours for adjustments to take effect.

**5** Repeat steps 3 & 4, as necessary.

# About Your Filtration System...

## Water Filter Removal and Installation



### WARNING

To avoid serious illness or death, do not use unit where water is unsafe or of unknown quality without adequate disinfection before or after use of filter.

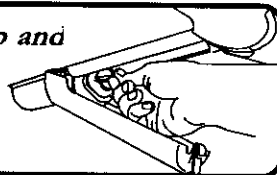


### CAUTION

- Bypass cartridge DOES NOT filter water. Be sure to have replacement cartridge available when filter change is required.
- If water filtration system has been allowed to freeze, replace filter cartridge.
- If system has not been used for several months, and water has an unpleasant taste or odor, flush system by dispensing 2-3 glasses of water. If unpleasant taste or odor persists, change filter cartridge.

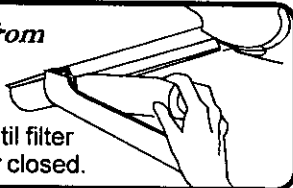
### Initial Install of Water Filter

- 1** Remove blue bypass cap and retain for later use.



- 2** Remove sealing label from end of filter and insert into filter head.

- Rotate gently clockwise until filter stops, and snap filter cover closed.



- 3** Reduce water spurts by flushing air from system. Run water continuously for 2 minutes through dispenser until water runs steady.

- Additional flushing may be required in some households where water is of poor quality.

### When do I change the water filter?

Select dispenser models feature a water filter change indicator. For instructions on how to operate and reset this feature, refer to the dispenser features section in your manual, or the LCD dispenser booklet for LCD-style dispensers.

For units without indicator feature, filter should be changed approximately every 6 months.

**IMPORTANT:** Condition of water and amount used determines life span of water filter cartridge. If water use is high, or if water is of poor quality, replacement may need to take place more often.

### How do I order a replacement filter cartridge?

Amana® Replacement Water Filter cartridge model WF 50 is available through Amana® dealers and servicers. You may also order through Amana® Consumer Affairs by using the information on the cover of your manual.

### Replacing Water Filter

**IMPORTANT:** Air trapped in system may cause water and cartridge to eject. Use caution when removing.

- 1** Turn filter counterclockwise until it releases from filter head.

- 2** Drain water from filter into sink, and dispose in normal household garbage.

- 3** Wipe up excess water in filter cover and continue with **Initial Install of Water Filter**, steps 2 and 3.

### I'm trying to dispense water to flush the system. Where's the water?



During initial use, allow about a 1 to 2 minute delay in water dispersal to allow internal water tank to fill.

### What if I choose not to use the water filtration system?

Dispenser feature may be used without water filter cartridge. If you choose this option, replace filter with blue bypass cap.



# Fresh Food Features

## What if These Features are Different from Mine?

This book is intended to show the variety of features that are available in the product line. If your refrigerator does not have all the options that are shown, many of these options may be purchased by contacting the Consumer Affairs Department. See contact information on the cover of your manual.

## Door Storage

### Beverage Chiller™/ MiniChiller™ *some models*

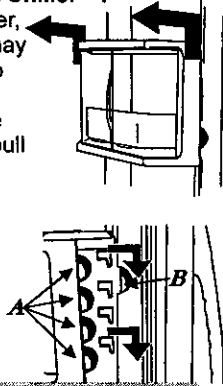
The Temperature-Controlled Beverage Chiller™ and Temperature-Controlled Mini Beverage Chiller™ keep beverages and other items up to 5° F (3° C) colder than the rest of the fresh food section. Air inlet allows air from the freezer section to pass to Beverage Chiller™.

The Beverage Chiller™ control is located on the left wall of fresh food section. Control adjusts amount of air circulating in Beverage Chiller™. Turn control clockwise for cold temperature.



#### To remove and install Beverage Chiller™:

- If located directly above Chiller, dairy center or door bucket may need to be removed. Refer to appropriate instructions and remove item. Slide Beverage Chiller™ assembly up and pull straight out.
- To install, align one of the Beverage Chiller™ cold air intake holes (A) with one of the two air inlets (B) in door liner. Push assembly down onto door liner retainer until it stops.



**IMPORTANT:** Beverage Chiller™ will not operate properly if air intake holes are not aligned with air inlet in door liner.

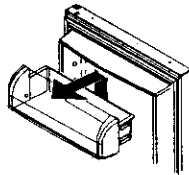
### Dairy Center

The dairy center provides convenient storage for items such as butter, yogurt, cheese, etc.

This compartment is an adjustable feature located in the door. It can be moved to several different locations to accommodate storage needs.

#### To remove and install bin:

- To remove, slide dairy center up and pull out.
- To install, slide assembly in above desired door liner retainer and push down until it stops.



#### To remove and install dairy door:

- To remove, press in sides of dairy door and pull out.
- To install, slide sides of dairy door inside dairy center until hinge points snap into place.



## CAUTION

To avoid personal injury or property damage, observe the following:

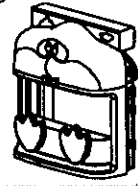
- Confirm shelf is secure before placing items on shelf.
- Handle tempered glass shelves carefully. Shelves may break suddenly if nicked, scratched, or exposed to sudden temperature change.

### KidZone™ *some models*

The KidZone™ provides adjustable storage for your child's preferred snacks and beverages.

#### To remove and install KidZone™:

- To remove, slide KidZone™ assembly up and pull straight out.
- To install, reverse above procedure.



### Tilt-Out Door Buckets

#### *some models*

The Tilt-Out Bucket assembly consists of a bucket and frame, providing adjustable, convenient storage for food items in door. The bucket assembly tilts forward for easy access of items, and lifts out for ease in cleaning and adjusting.

#### To remove and install bucket:

- To remove bucket, tip bucket forward and pull straight out to remove.
- To install bucket, slide bucket into bucket frame and push bucket upright.



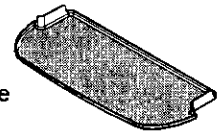
#### To adjust bucket frame:

- Remove bucket per above instructions.
- Lift frame off door support and place in desired door location.



### Grip Pads *some models*

The Grip Pads prevents objects from sliding in the door bucket. Grip Pads are removable and are top-rack dishwasher safe for easy cleaning.

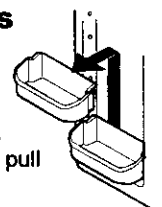


### Adjustable Door Buckets

Door buckets adjust to meet individual storage needs.

#### To remove and install buckets:

- Lift the door bucket up until it clears the retainers on the door liner, then pull the door bucket straight out.
- To install, slide bucket in above desired door liner retainer and push down until bucket stops.



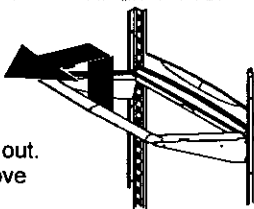
# Fresh Food Features

## Shelves

### Spillsaver™

Spillsaver™ stationary shelves hold simple spills for easier cleaning.

- To remove shelves, lift up and out.
- To install shelves, reverse above procedure.

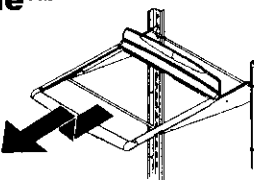


### Spillsaver™ EasyGlide™

#### some models

Spillsaver™ EasyGlide™ shelves feature the convenience of easy cleaning with a pullout design to reach items in the back. For ease of cleaning, glass shelf may be removed by pulling to full extension and lifting out of frame.

- To remove shelf and frame, see instructions for Spillsaver™ stationary shelves.



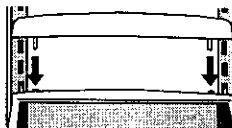
### Rear Shelf Extensions

#### some models

Rear shelf extensions help prevent articles from falling off the back of the shelf.

To remove and install shelf extension:

- To remove, pull extension straight up from rear of shelf.
- To install, insert posts of the shelf extension into holes in the shelf frame.

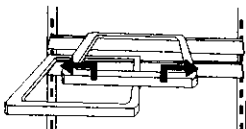


### SideGlide™ Shelves some models

SideGlide™ shelves hook onto a rear double-crossbar assembly. Shelves may be aligned side by side to create a full width level surface, or if attached to separate crossbars the shelves may slide left or right to accommodate storage needs.

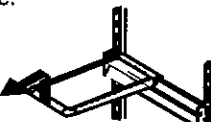
To remove and install shelf:

- To remove shelf, raise shelf 10° to unhook from double crossbar and lift out.
- To install, reverse above procedure.



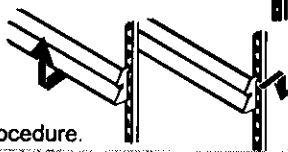
To slide shelves:

- Lift front of shelf slightly and slide left or right.



To remove and install double-crossbar assembly:

- To remove, slide assembly up to unhook from metal track.
- To install, reverse above procedure.



## Drawers

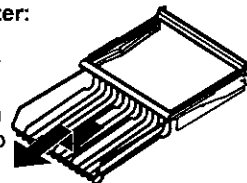
### Beverage Organizer™

#### some models

The Beverage Organizer™ slides out from underneath the Spillsaver™ EasyGlide™ shelf. The Organizer holds up to twelve 12-ounce beverage cans.

To remove and install Organizer:

- To remove, empty contents of Organizer. Pull Organizer forward to full extension and lift front to release from shelf rail. Pull straight out to remove.
- To install, reverse above procedure.



### Snack Drawer some models

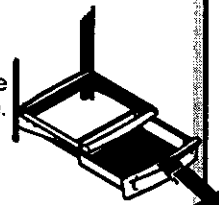
This drawer can be used for storage of food items or extra produce. Some models may have climate controls to keep food fresh longer.

#### Controls (some models)

The climate controls regulate the amount of humidity in the drawer. Use the *low* setting for non-leafy produce. Use the *high* setting for leafy produce.

To remove and install drawer:

- To remove, pull drawer out to full extension. Tilt up front of drawer and pull straight out.
- To install, reverse above procedure.



# Fresh Food Features

What setting should I use for items in my temperature-controlled drawer?

**NOTE:** You should not store lettuce or other leafy produce in this drawer.

- |                |               |           |
|----------------|---------------|-----------|
| <b>COLD</b>    | • cauliflower | • apples  |
|                | • corn        | • oranges |
|                | • zucchini    | • grapes  |
|                | • cucumbers   |           |
| <b>COLDEST</b> | • steaks      | • hard    |
|                | • bacon       | cheeses   |
|                | • cold cuts   | • bacon   |
|                | • hot dogs    |           |

What setting should I use for items in my humidity-controlled drawers?

- |             |                 |               |
|-------------|-----------------|---------------|
| <b>LOW</b>  | • cauliflower   | • apples      |
|             | • corn          | • oranges     |
|             | • zucchini      | • grapes      |
|             | • cucumbers     |               |
| <b>HIGH</b> | • lettuce       | • asparagus   |
|             | • spinach       | • cabbage     |
|             | • celery        | • broccoli    |
|             | • fresh sprouts | • fresh herbs |

What can I do to prolong the life of my produce?

Please observe the following rules when storing produce in humidity-controlled crispers:

- DO NOT wash produce before placing in crispers. Any additional moisture added to the crispers may cause produce to prematurely spoil.
- DO NOT line crispers with paper towels. Towels will retain moisture.
- Follow control instructions carefully. Incorrect control settings may damage produce.

## Drawers

### Deli/Crisper Drawer *climate controlled*

The Deli/Crisper system provides a drawer with a variable temperature control that keeps the compartment up to 5°F (3°C) colder than refrigerator temperature. This drawer can be used for deli storage or additional produce storage.

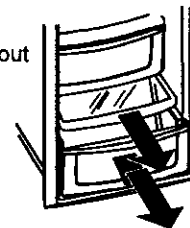
**NOTE:** Cold air directed to the Deli/Crisper System can decrease refrigerator temperature. Refrigerator control may need to be adjusted.

#### Controls

Located on the wall to the left of the drawer, the climate controls regulate the air temperature in the Deli/Crisper drawer. Set control level to *cold* to provide normal refrigerator temperature for non-leafy produce. Use the *coldest* setting for meats or other deli items.

#### To remove and install drawers:

- To remove drawer, pull drawer out to full extension. Tilt up front of drawer and pull straight out.
- To install, reverse above procedure.



### Crisper Drawer *climate controlled*

Garden Fresh™ crisper keeps produce fresh longer by providing an environment with adjustable humidity.

#### Controls

The Garden Fresh™ controls regulate the amount of humidity in the crisper drawer. Use the *low* setting for non-leafy produce. Use the *high* setting for leafy produce.

#### To remove and install drawers:

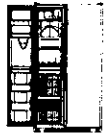
- To remove drawer, pull drawer out to full extension. Tilt up front of drawer and pull straight out.
- To install, reverse above procedure.



#### To remove and install crisper shelf:

- Lift off wall supports and remove.
- To install shelf, lower shelf onto wall supports and push in until shelf is flush with rear wall.

# Freezer Features



## CAUTION

To avoid property damage, observe the following:

- Do not force ice maker arm down or up.
- Do not place or store anything in ice storage bin.

## WARNING

To avoid possible injury, including death, do not place glass items in Quick Chill Zone™. Glass objects may shatter or explode if exposed to extreme cold.

## What if These Features are Different from Mine?

This book is intended to show the variety of features that are available in the product line. If your refrigerator does not have all the options that are shown, many of these options may be purchased by contacting the Consumer Affairs Department. See contact information on the cover of your manual.

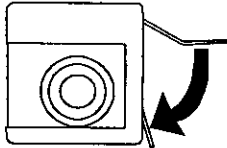
## Principal Characteristics

### Automatic Dispensing Ice Maker

This ice maker creates the ice used in the dispensing system.

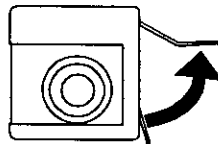
#### Using Ice Maker for the First Time

- Confirm ice bin is in place and ice maker arm is down.
- After freezer section reaches between 0° to 2°F (-18° to -17° C), ice maker fills with water and begins operating.
- Allow approximately 24 hours after installation to receive first harvest of ice.
- Discard ice created within first 12 hours of operation to verify system is flushed of impurities.



#### Operating Instructions

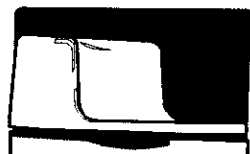
- Confirm ice bin is in place and ice maker arm is down.
- After freezer section reaches 0° to 2°F (-18° to -17° C), ice maker fills with water and begins operating. You will have a complete harvest of ice approximately every 3 hours.
- Stop ice production by raising ice maker arm until click is heard.
- Ice maker will remain in the off position until arm is pushed down.



### Quick Chill Zone™

Quick Chill Zone™ provides a space for items to be chilled or frozen quickly.

- To remove, lift Quick Chill Zone™ from ice bin rails and pull straight out.
- To install, reverse above procedure.



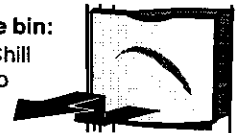
## Drawers

### Ice Storage Bin

The ice storage bin is located below the automatic dispensing ice maker.

#### To remove and install ice storage bin:

- To remove bin, remove Quick Chill Zone™. Raise ice maker arm to deactivate ice maker.
- Lift front of bin and pull out to its full extension. Lift up front of bin and remove.
- To install, slide bin into rails below ice maker until bin locks into place. Drop ice maker arm to activate ice maker, and replace Quick Chill Zone™.



**IMPORTANT:** Ice bin must be locked in proper place for proper ice dispensing. If freezer door does not close, bin is not in proper location. Turn auger driver counterclockwise (as shown) to properly align ice bin with back of unit.



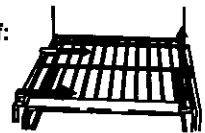
## Shelves

### Stor-Mor® System

Baskets slide out for easy access of items in back. Shelves can be removed to meet individual storage needs.

#### To remove and install Stor-Mor® shelf:

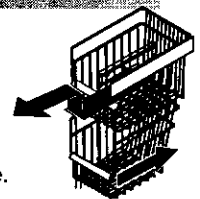
- To remove, snap right side of shelf from cabinet railing and remove from wall mounting clips.
- To install, reverse above procedure.



**NOTE:** Back of shelf must be flush with back of cabinet to secure firmly in cabinet railing. Improper alignment will cause shelf to slide.

#### To remove and install baskets:

- To remove, pull basket forward to full extension. Lift front handle to release basket from rails and remove.
- To install, reverse above procedure.



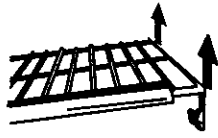
# Freezer Features

## Shelves

### Fixed Freezer Shelf

To remove and install shelves:

- Remove shelf from wall mounting clips and pull out of left side mounting holes.



- To install, reverse above procedure.

### Hanging Wire Shelf *some models*

Hanging wire shelf provides extra storage for ice cube trays, boxed frozen foods, ice packs, etc.

To remove shelf:

- Pinch rung hook of hanging wire shelf inward to release hanging wire shelf from right side of Stor-Mor® shelf. Shelf will swing downward.
- Press rung hook of hanging wire shelf outward to remove shelf from freezer section.



To install shelf:

- Perform above steps in reverse order.

## Door Storage

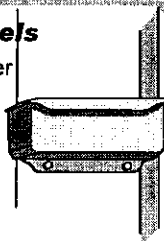
### Door Buckets

- Refer to fresh food section for instructions.

### Fixed Door Bucket *some models*

The Fixed Door Bucket is located in the upper section of the freezer door.

**IMPORTANT:** Fixed Door Bucket is not adjustable. If bucket is removed, freezer light will not deactivate when door is closed.



### Tilt-Out Door Buckets

*some models*

- Refer to fresh food section for instructions.



# Dispenser Features

## Primary Features

### Dispenser Light *not shown*

A light activates within the dispenser area at full power when dispensing ice or water.

### Front Fill Button (some models)

The Front Fill button works independently of the dispenser controls, providing an up-front alternative to the dispenser pad for dispensing water. This feature is convenient for filling large items that will not fit into the dispenser area (i.e. sport bottles, pitchers, large pans, coffee pots).

This feature allows added convenience of dispensing ice and water simultaneously.

To use, choose your preferred ice mode from dispenser control panel. Press container against dispenser pad while pressing the Front Fill button.

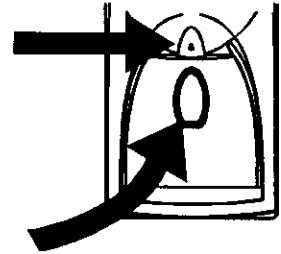
### Dispenser Pad

The dispenser pad is located on the back wall of the dispensing area. When the dispenser pad is pressed, the selection chosen on your dispenser control panel will dispense.

### Removable Tray

The removable tray at the bottom of the dispenser area is designed to collect small spills and may be easily removed for cleaning and emptying purposes.

**IMPORTANT:** Removable tray does not drain. Continuous water running into tray will cause tray to overflow.



## Water Dispenser Operation

### CAUTION

To avoid personal injury or property damage, observe following instructions:

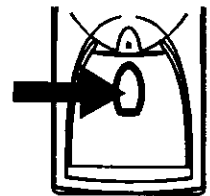
- Do not put fingers, hands, or any foreign object into dispenser opening.
- Do not use sharp objects to break ice.
- Do not dispense ice directly into thin glass, fine china, or delicate crystal.

### NOTE:

- During initial use of water dispenser, there will be a 1 to 2 minute delay while water tank fills before water dispenses. Discard first 10-14 containers of water after initially connecting refrigerator to household water supply and after extended periods of nonuse.
- If dispenser is continuously active for more than 3 minutes, an automatic lock out sensor will shut down power to dispenser area. See the Dispenser Lock section under "Dispenser Features" for instructions to unlock dispenser.

### To use dispenser pad:

- Choose water selection from dispenser control panel.
- Press sturdy, wide-mouthed container against dispenser pad.
- Release pressure on dispenser pad to stop water from dispensing. A small amount of water may continue to dispense, and collect in dispenser tray. Large spills should be wiped dry.



### To use Front Fill button (some models):

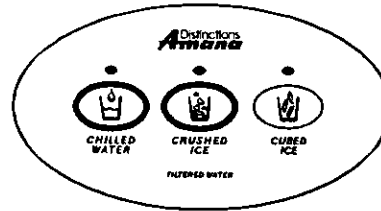
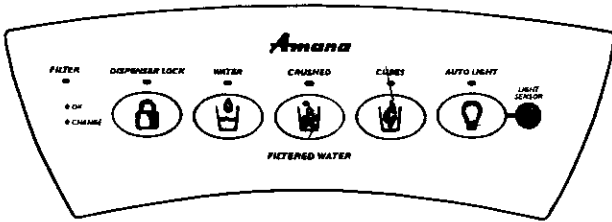
- Align container under Front Fill button using blue water droplet as guide.
- Press and hold Front Fill button.
- Release button when desired fill is reached. A small amount of water may continue to dispense, and collect in dispenser tray. Large spills should be wiped dry.



# Dispenser Features

## Control Features

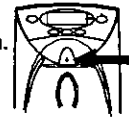
*NOTE: These directions pertain to 5-button and 3-button controls only. If your unit has LCD controls, please refer to the information booklet located in your literature packet.*



### Ice Dispenser Operation

To dispense ice:

- Select *Cubed* or *Crushed* ice mode by pushing button on dispenser control panel. A green indicator light above button shows mode selection.
- Press container against dispenser pad. When dispensing crushed ice, hold container as close to chute as possible to reduce spraying. Selection mode may not be changed while ice dispenser is in operation.



**NOTE:** If dispenser is active for more than 3 minutes, an automatic lock out sensor will shut down power to dispenser area. See *Dispenser Lock* for unlocking information.

### Dispenser Lock some models

This feature prevents ice or water from being dispensed.

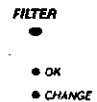


To lock and unlock dispenser:

- To lock dispenser, press and hold *Dispenser Lock* button for 3 seconds. A green indicator light above button confirms dispenser is locked.
- To unlock dispenser, hold *Dispenser Lock* button for 3 seconds. Green indicator light above button will go out.

### Filter Status Indicator Light some models

The filter status indicator light serves as a reminder to replace the water filter. A green light indicates that the filter is in good condition. A red light indicates the filter should be changed. Once light turns red, it will remain red until function is reset.



To reset indicator:

- Press and hold both *Dispenser Lock* and *Water* buttons simultaneously for 4 seconds. The green filter status indicator light will flash 3 times when the function has successfully reset.

### Auto Light some models

The *Auto Light* function offers the ability to activate the dispenser light at half-power when the *Light Sensor* detects that the light levels in room are low.



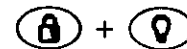
To activate and deactivate *Auto Light*:

- To activate, press *Auto Light* button located on control panel. A green indicator light above button displays to show that sensor is active.
- To deactivate, press *Auto Light* button. Green indicator light will go out.

**NOTE:** Dispenser light will operate whether or not *Auto Light* is selected.

### Sabbath Mode some models

This mode is intended to deactivate power to the LED and dispenser lights, while allowing the controls to remain operational.



To activate and deactivate *Sabbath Mode*:

- To activate, press and hold both *Dispenser Lock* and *Auto Light* buttons simultaneously for 3 to 4 seconds. After 3 to 4 seconds, the LED and dispenser lights will turn off. Dispenser light will not activate during dispensing while in this mode.
- To deactivate, press and hold both *Dispenser Lock* and *Auto Light* buttons simultaneously for 3 to 4 seconds. After 3 to 4 seconds, the LED and dispenser lights will activate.



# Hints and Care

## How to Clean Your Unit



**⚠ WARNING**

To avoid electrical shock which can cause severe personal injury or death, disconnect power to refrigerator before cleaning. After cleaning, connect power.

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**⚠ CAUTION**

To avoid personal injury or property damage:


- Read and follow manufacturer's directions for all cleaning products.
- Do not place buckets, shelves, or accessories in dishwasher. Cracking or warping of accessories may result

AREA	DO NOT USE	DO...
Textured Doors and Exterior	<ul style="list-style-type: none"> <li>• Abrasive or harsh cleaners</li> <li>• Ammonia</li> <li>• Chlorine bleach</li> <li>• Concentrated detergents or solvents</li> <li>• Metal or plastic-textured scouring pads</li> </ul>	<ul style="list-style-type: none"> <li>• Use 4 tablespoons of baking soda dissolved in 1 quart (1 liter) warm soapy water.</li> <li>• Rinse surfaces with clean warm water and dry immediately to avoid water spots</li> </ul>
Cabinet Interior		
Stainless Steel Doors and Exterior <b>IMPORTANT:</b> <i>Damage to stainless steel finish due to improper use of cleaning products or non-recommended products is not covered under any warranty</i>	<ul style="list-style-type: none"> <li>• Abrasive or harsh cleaners</li> <li>• Ammonia</li> <li>• Chlorine bleach</li> <li>• Concentrated detergents or solvents</li> <li>• Metal or plastic-textured scouring pads</li> <li>• Vinegar-based product</li> <li>• Citrus-based cleaners</li> </ul>	<ul style="list-style-type: none"> <li>• Use warm, soapy water and a soft, clean cloth or sponge.</li> <li>• Rinse surfaces with clean warm water and dry immediately to avoid water spots</li> </ul>
Dispenser Controls	<ul style="list-style-type: none"> <li>• Abrasive or harsh cleaners</li> <li>• Ammonia</li> <li>• Chlorine bleach</li> <li>• Concentrated detergents or solvents</li> <li>• Metal or plastic-textured scouring pads</li> </ul>	
Door Gaskets	<ul style="list-style-type: none"> <li>• Abrasive or harsh cleaners</li> <li>• Metal or plastic-textured scouring pads</li> </ul>	
Condenser Coil Remove toe grille to access	N/A	<ul style="list-style-type: none"> <li>• Use a vacuum cleaner hose nozzle</li> </ul>
Condenser Fan Outlet Grille <i>See back of refrigerator</i>		<ul style="list-style-type: none"> <li>• Use a vacuum cleaner hose nozzle with brush attachment.</li> </ul>
Accessories Shelves, buckets, drawers, etc	<ul style="list-style-type: none"> <li>• A Dishwasher</li> </ul>	<ul style="list-style-type: none"> <li>• Follow removal and installation instructions from appropriate feature section.</li> <li>• Allow items to adjust to room temperature.</li> <li>• Dilute mild detergent and use a soft clean cloth or sponge for cleaning.</li> <li>• Use a plastic bristle brush to get into crevices</li> <li>• Rinse surfaces with clean warm water.</li> <li>• Dry glass and clear items immediately to avoid spots.</li> </ul>

## ? What cleaners does Amana recommend for my stainless steel product?

Amana has a cleaner available for purchase (Part # 31960801) through our Consumer Affairs division. For this, or a list of other recommended cleaning products, please contact us at Amana Consumer Affairs using the information on the cover of your Owner's Manual.

## How do I remove an odor from my refrigerator?

1. Remove all food.
  2. Disconnect refrigerator. 
  3. Clean the following items using the appropriate instructions in *How to Clean Your Unit*:
    - Walls, floor, and ceiling of cabinet interior.
    - Drawers, shelves, and gaskets according to the instructions in this section.
  4. Pay special attention to clean all crevices by completing the following steps:
    - Dilute mild detergent and brush solution into crevices using a plastic bristle brush.
    - Let stand for 5 minutes.
    - Rinse surfaces with warm water. Dry surfaces with a soft, clean cloth.
  5. Wash and dry all bottles, containers, and jars. Discard spoiled or expired items.
  6. Wrap or store odor-causing foods in tightly-sealed containers to prevent reoccurring odors.
  7. Connect power to refrigerator and return food to unit.
  8. After 24 hours, check if odor has been eliminated.
- If odor is still present...**
1. Remove drawers and place on top shelf of refrigerator.
  2. Pack refrigerator and freezer sections—including doors—with crumpled sheets of black and white newspaper.
  3. Place charcoal briquettes randomly on crumpled newspaper in both freezer and refrigerator compartments.
  4. Close doors and let stand 24–48 hours.
  5. Repeat steps 5 through 7.

# Hints and Care

## How to Remove and Replace Light Bulbs



### How to Get the Most Out of Your Energy Dollar

- Avoid overcrowding refrigerator shelves. This reduces effectiveness of air circulation around food and causes refrigerator to run longer.
- Avoid adding too much warm food to unit at one time. This overloads compartments and slows rate of cooling.
- Do not use aluminum foil, wax paper, or paper toweling as shelf liners. This decreases air flow and causes unit to run less efficiently.
- A freezer that is  $\frac{2}{3}$  full runs most efficiently.
- Locate refrigerator in coolest part of room. Avoid areas of direct sunlight, or near heating ducts, registers, or other heat producing appliances. If this is not possible, isolate exterior by using a section of cabinet or an added layer of insulation.
- Refer to owner's manual section on temperature controls for recommended control settings
- Clean door gaskets every three months according to Owner's Manual cleaning instructions. This will assure that door seals properly and unit runs efficiently.
- Take time to organize items in refrigerator to reduce time that door is open.
- Be sure your doors are closing securely by leveling unit as instructed in your Owner's Manual.
- Clean condenser coils of as indicated in the owner's manual every 3 months. This will increase energy efficiency and cooling performance.



### WARNING

To avoid electrical shock which can cause severe personal injury or death, disconnect power to refrigerator before replacing light bulb. After replacing light bulb, connect power.



### CAUTION

To avoid personal injury or property damage, observe the following:

- Allow light bulb to cool.
- Wear gloves when replacing light bulb.

### Upper fresh food section

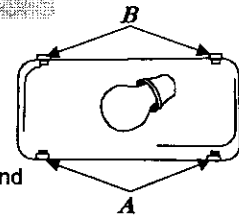
1. Locate finger gaps on each side of clear light shield. Insert fingers and press in on each side of shield. Pull shield down and remove.
2. Remove light bulbs.
3. Replace with appliance bulbs *no greater than 40 watts*.
4. Replace light bulb cover by inserting front tabs of light shield into holes in liner directly in front of light assembly.
5. Snap back of light cover into place.



### Lower fresh food section and Non-dispensing model freezer section

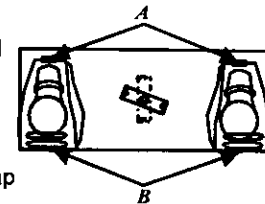
**NOTE:** Before removing freezer light cover, remove all surrounding shelving using instructions in the Freezer Features section.

1. Pinch bottom tabs (A) on light cover and pull straight out.
2. Remove light bulb.
3. Replace bulb with appliance bulb *no greater than 40 watts*.
4. Insert top tabs (B) of light cover into refrigerator liner and snap bottom portion over light assembly.



### Dispensing model freezer section

1. Remove ice bin by lifting front of bin and pulling out.
2. Remove light bulb cover by pinching top tab (A) and pulling cover out of liner.
3. Remove light bulb. Replace with appliance bulb *no greater than 40 watts*.
4. Insert bottom tab (B) of light cover into liner and snap top portion over light assembly.
5. Replace ice bin by sliding in until bin locks into place.



### Ice 'N Water dispenser

1. Locate light bulb inside top edge of dispenser frame. Unscrew to remove.
2. Replace light bulb with a 7-watt, 120 volt bulb.

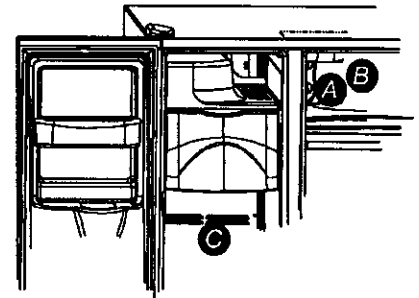
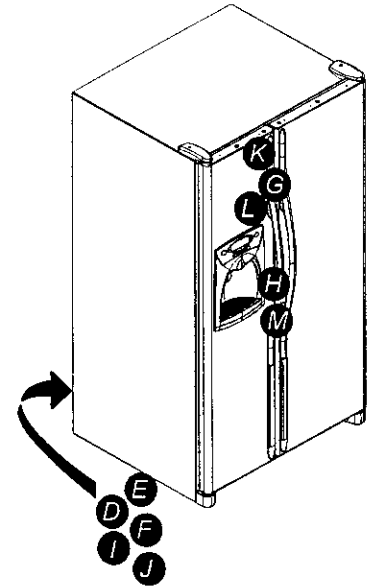


# Trouble Shooting

## NOISE )))

Today's refrigerators have new features and are more energy efficient. Foam insulation is very energy efficient and has excellent insulating capabilities, however, foam insulation is not as sound absorbent. As a result, certain sounds may be unfamiliar. In time, these sounds will become familiar. Please refer to this information before calling service.

TOPIC	POSSIBLE CAUSE	SOLUTION
Clicking	Freezer control (A) clicks when starting or stopping compressor.	Normal operation
	Defrost timer or electric damper control (some models) (B) sounds like an electric clock and makes an occasional click or snap.	Normal operation
Air rushing or whirring	Freezer fan (C) and condenser fan (D) make this noise while operating.	Normal operation
	Freezer fan (C) slows to a stop as the freezer door is opened.	
Gurgling or boiling sound	Evaporator (E) and heat exchanger (F) refrigerant makes this noise when flowing.	Normal operation
Thumping	Ice cubes from ice maker (some models) drop into ice bucket (G).	Normal operation
	Dispenser ice chute (H) closing.	Normal operation
Vibrating noise	Compressor (I) makes a pulsating sound while running.	Normal operation
	Refrigerator is not level.	See <i>Installation Instructions</i> for details on how to level your unit.
Buzzing	Ice maker water valve (J) hookup (some models) buzzes when ice maker fills with water.	Normal operation
Humming	Ice maker (K) is in the 'on' position without water connection.	Stop sound by raising ice maker arm to 'off' position. See <i>Automatic Ice Maker</i> section in your owner's manual for details.
	Ice auger (L) (some models) hums as auger agitates ice during dispensing.	Normal operation
	Compressor (I) can make a high pitched hum while operating.	Normal operation
	Solenoid valve (M) operating ice chute door.	Normal operation



## OPERATION



Freezer control and lights are on, but compressors are not operating.	Refrigerator is in defrost mode.	Normal operation Wait 40 minutes to see if refrigerator restarts.
Deli/Crisper system temperature is too warm	Control settings are too low.	See section on Deli/Crisper system to adjust controls.
	Freezer controls are set too low.	See controls section in chapter called <i>Installing Your Refrigerator</i> on how to adjust your controls.
	Drawer is improperly positioned.	See section on Deli/Crisper system in chapter called <i>Fresh Food Features</i> to verify drawer positioning.
Refrigerator does not operate	Refrigerator is not plugged in.	Plug in unit.
	Freezer control is not on.	See controls section in chapter called <i>Installing Your Refrigerator</i> on how to adjust your controls.
	Fuse is blown, or circuit breaker needs to be reset.	Replace any blown fuses. Check circuit breaker and reset if necessary.
	Power outage has occurred	Call local power company listing to report outage.
Refrigerator still won't operate	Unit is malfunctioning.	Unplug refrigerator and transfer food to another unit. If another unit is not available, place dry ice in freezer section to preserve food. Warranty does not cover food loss. Contact service for assistance.
Food temperature is too cold	Condenser coils are dirty.	See cleaning guide in chapter called <i>Hints and Care</i> on how to clean condenser coils.
	Refrigerator or freezer controls are set too high.	See controls section in chapter called <i>Installing Your Refrigerator</i> on how to adjust your controls.
	Beverage Chiller™ (some models) is improperly positioned.	See section on Temperature-Controlled Beverage Chiller™ in chapter <i>Fresh Food Features</i> called to verify proper positioning.

# Trouble Shooting

## OPERATION

TOPIC	POSSIBLE CAUSE	SOLUTION
Food temperature appears too warm	Door is not closing properly.	Refrigerator is not level. See chapter called <i>Installation Instructions</i> for details on how to level your unit.
		Check gaskets for proper seal. See cleaning guide in chapter called <i>Hints and Care</i> on how to clean gaskets.
		Check for internal obstructions that are keeping door from closing properly (i.e. improperly closed drawers, ice buckets, oversized or improperly stored containers or foodstuffs, etc.).
	Controls need to be adjusted.	See controls section in chapter called <i>Installing Your Refrigerator</i> on how to adjust your controls.
	Condenser coils are dirty.	See cleaning guide in chapter called <i>Hints and Care</i> on how to clean condenser coils.
	Rear air grille is blocked.	Check the positioning of food items in refrigerator to make sure grille is not blocked. Rear air grille is located behind crisper drawers.
	Door has been opened frequently, or has been opened for long periods of time.	Reduce time door is open. Organize food items efficiently to assure door is open for as short a time as possible.
Allow interior environment to adjust for period the door has been open.		
Food has recently been added.	Allow time for recently-added food to reach refrigerator or freezer temperature.	
Refrigerator has an odor	Compartment is dirty or has odor-causing food.	See odor removal instructions in chapter called <i>Hints and Care</i> .
	Air filter (some models) needs to be changed.	Change air filter.
Water droplets form on outside of refrigerator	Check gaskets for proper seal.	See cleaning guide in chapter called <i>Hints and Care</i> on how to clean gaskets.
	Humidity levels are high.	Normal during times of high humidity.
	Controls require adjustment	See controls section in chapter called <i>Installing Your Refrigerator</i> on how to adjust your controls.
Water droplets form on inside of refrigerator	Humidity levels are high or door has been opened frequently.	See controls section in chapter called <i>Installing Your Refrigerator</i> on how to adjust your controls.
	Check gaskets for proper seal.	Reduce time door is open. Organize food items efficiently to assure door is open for as short a time as possible. See cleaning guide in chapter called <i>Hints and Care</i> on how to clean gaskets.
Refrigerator or ice maker make unfamiliar sounds or seems too loud	Normal operation	See noise section in chapter called <i>Trouble Shooting</i> .
Deli/Crisper System and/or crisper drawers do not close freely	Contents of drawer, or positioning of items in the surrounding compartment could be obstructing drawer	Reposition food items and containers to avoid interference with the drawers.
	Drawer is not in proper position	See section on Deli/Crisper system or crisper drawer section in chapter called <i>Fresh Food Features</i> to verify drawer positioning.
	Refrigerator is not level.	See chapter called <i>Installation Instructions</i> for details on how to level your unit.
	Drawer channels are dirty or need treatment.	Clean drawer channels with warm, soapy water. Rinse and dry thoroughly. Apply a thin layer of petroleum jelly to drawer channels.
Refrigerator runs too frequently	Doors have been opened frequently or have been opened for long periods of time.	Reduce time door is open. Organize food items efficiently to assure door is open for as short a time as possible.
		Allow interior environment to adjust for period the door has been open.
	Humidity or heat in surrounding area is high.	Normal operation
	Food has recently been added.	Allow time for recently-added food to reach refrigerator or freezer temperature.
	Unit is exposed to heat by environment or by appliances nearby.	Evaluate your unit's environment. Unit may need to be moved to run more efficiently.
	Condenser coils are dirty.	See cleaning guide in chapter called <i>Hints and Care</i> on how to clean condenser coils.

# Trouble Shooting

## OPERATION (continued)

TOPIC	POSSIBLE CAUSE	SOLUTION
Refrigerator runs too frequently (continued)	Controls need to be adjusted.	See controls section in chapter called <i>Installing Your Refrigerator</i> on how to adjust your controls.
	Door is not closing properly	Refrigerator is not level. See chapter called <i>Installation Instructions</i> for details on how to level your unit.
		Check for internal obstructions that are keeping door from closing properly (i.e. improperly closed drawers, ice buckets, oversized or improperly stored containers or foodstuffs, etc.).
	Check gaskets for proper seal. See cleaning guide in chapter called <i>Hints and Care</i> on how to clean gaskets.	

## ICE & WATER

Water appears cloudy	Air or air bubbles in water.	This is normal when first using dispenser and will disappear with use.
Particles in water and/or ice cubes.	Carbon dust from water filter cartridge.	Initial water ejected through cartridge may contain harmless carbon dust flushed from cartridge. Particles are safe for consumption. Will disappear after the first few uses.
	Concentrations of minerals in water will form particles when water becomes frozen and melts.	Particles are not harmful and naturally occur in water supplies.
No indicator lights are lit on dispenser control (some models)	Freezer door is not closed.	Verify that freezer door is closed. Power is removed from the control when freezer door is opened.
	Refrigerator is not plugged in.	Plug in unit.
	Fuse is blown, or circuit breaker needs to be reset.	Replace any blown fuses. Check circuit breakers for any tripped circuits.
	Power outage has occurred.	Call local power company listing to report outage.
	Refrigerator is in Sabbath Mode.	See <i>Dispenser Features</i> section for further information.
Neither ice nor water is dispensed when pads are pushed (some models)	Freezer door is not closed.	Verify that freezer door is closed. Power is removed from the control when freezer door is opened.
	Controls are in lock mode.	See <i>Dispenser Features</i> section for further information.
	Water tank is filling.	At initial use, there is an approximate 45-second delay in dispensing while the internal water tank is filling.
	Ice maker or ice maker-equipped unit has just recently been installed or a large amount of ice has just been used.	Wait 24 hours for ice production to begin and for ice maker to restock after emptied.
	Water filter is clogged or needs to be changed.	Change water filter.
Ice maker is not producing enough ice or ice is malformed (some models)	Ice maker has just recently been installed or a large amount of ice has just been used.	Wait 24 hours for ice production to begin and for ice maker to restock after emptied.
	Water pressure is too low.	Low water pressure can cause valve to leak. Water pressure must be between 20 to 100 pounds per square inch to function properly. A minimum pressure of 35 pounds per square inch is recommended for units with water filters.
	Water filter is clogged or needs to be changed.	Change water filter.
Ice maker is not producing ice (some models)	Ice maker arm is not in correct position	Confirm ice maker arm is down. See <i>Freezer Features</i> section in your owner's manual for details.
	Household water supply is not reaching water valve	Check water connection procedure in your <i>Installation Instructions</i> .
	Copper or plastic tubing has kinks.	Turn off water supply and remove kinks. If kinks cannot be removed, replace tubing.
	Water pressure is too low.	Water pressure must be between 20 to 100 pounds per square inch to function properly. A minimum pressure of 35 pounds per square inch is recommended for units with water filters.
	Check freezer temperature.	See the controls section in your owner's manual for assistance on how to adjust your controls. Freezer must be between 0 to 2°F (-18 to -17°C) to produce ice.
	Ice bin is not installed properly	See ice bin section for proper installation and alignment.

# Trouble Shooting

ICE & WATER



TOPIC	POSSIBLE CAUSE	SOLUTION
Water filter indicator light is red (some models).	Water filter needs to be replaced.	if filter is not available, replace with bypass filter. See <i>Dispenser Features</i> section (or LCD instructions) for directions.
	Filter indicator sensor needs to be reset.	See <i>Dispenser Features</i> section (or LCD instructions) for directions.
Ice maker is not producing ice (some models-continued)	Improper water valve was installed.	Check water connection procedure in your <i>Installation Instructions</i> . Self-piercing and $\frac{3}{16}$ " saddle valves cause low water pressure and may clog the line over time. <b>Amana is not responsible for property damage due to improper installation or water connection.</b>
Unit is leaking water	Plastic tubing was used to complete water connection.	Amana recommends using copper tubing for installation. Plastic is less durable and can cause leakage. <b>Amana is not responsible for property damage due to improper installation or water connection.</b>
	Improper water valve was installed.	Check water connection procedure in your <i>Installation Instructions</i> . Self-piercing and $\frac{3}{16}$ " saddle valves cause low water pressure and may clog the line over time. <b>Amana is not responsible for property damage due to improper installation or water connection.</b>
Ice forms in inlet tube to ice maker	Water pressure is low.	Water pressure must be between 20 to 100 pounds per square inch to function properly. A minimum pressure of 35 pounds per square inch is recommended for units with water filters.
	Freezer temperature is too high.	See controls section in chapter called <i>Installing Your Refrigerator</i> on how to adjust your controls. Freezer is recommended to be between 0 to 2°F (-18 to -17°C).
Water flow is slower than normal	Water pressure is low.	Water pressure must be between 20 to 100 pounds per square inch to function properly. A minimum pressure of 35 pounds per square inch is recommended for units with water filters.
	Improper water valve was installed.	Check water connection procedure in your <i>Installation Instructions</i> . Self-piercing and $\frac{3}{16}$ " saddle valves cause low water pressure and may clog the line over time. <b>Amana is not responsible for property damage due to improper installation or water connection.</b>
	Copper or plastic tubing has kinks.	Turn off water supply and remove kinks. If kinks cannot be removed, replace tubing.
	Water filter is clogged or needs to be changed.	Change water filter.
Dispenser water is not cold	Refrigerator has been recently installed	Allow approximately 12 hours for water in holding tank to chill.
	Water supply in holding tank has been depleted.	
	Water has settled into water lines outside holding tank and has warmed to room temperature.	Discard first glass of water and refill.



# Water Filter Data

## **Amana**® System Specification and Performance Data Sheet Refrigerator Water Filter Cartridge Model WF50

### Specifications

<b>Service Flow Rate (Maximum)</b> .....	0.75 GPM (2.83 L/min)
<b>Rated Service Life WF50-NI300 (Maximum)</b> .....	300 gallons/ 1135 liters
<b>Rated Service Life WF50-WI500 (Maximum)</b> .....	500 gallons/ 1892 liters
<b>Maximum Operating Temperature</b> .....	100° F/38° C
<b>Minimum Pressure Requirement</b> .....	35 psi/ 138 kPa
<b>Maximum Operating Pressure</b> .....	120 psi/ 827 kPa

**General Use Conditions:** Read this Performance Data Sheet and compare the capabilities of this unit with your actual water treatment needs.

**DO NOT use this product where water is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. System certified for cyst reduction may be used on disinfected water that may contain filterable cysts.**

The Amana® Clean 'n Clear™ retractable water filtration system uses a WF50 replacement cartridge (see Amana® contact information at the front of your manual to order). Timely replacement of filter cartridge is essential for performance satisfaction from this filtration system. Please refer to the applicable section in this owner's manual for general operation, maintenance requirements and troubleshooting.

This systems has been tested according to ANSI/NSF 42 and 53 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in ANSI/NSF 42 and 53.

### Performance Data\*

Substance	Influent Water	Effluent Average	Average % Reduction	Maximum Effluent	Min. Required Reduction	Inlet pH
Lead	0.15 mg/L	0.001 mg/L	99.33%	0.001 mg/L	0.010 mg/L	6.5
Lead	0.15 mg/L	0.002 mg/L	98.66%	0.003 mg/L	0.010 mg/L	8.5
Cyst	25000 count/mL	1count/mL	99.99%	3 count/mL	> 99.95%	NA
Turbidity	11.8 NTU	0.12 NTU	98.98%	0.18 NTU	0.5 NTU	NA
Lindane	0.00063 mg/L	0.00005 mg/L	92.06%	0.00005 mg/L	0.00001 mg/L	NA
Atrazine	0.0097 mg/L	0.0002 mg/L	97.93%	0.0006 mg/L	0.003 mg/L	NA
Chlorine	1.9 mg/L	0.09 mg/L	95.26%	0.17 mg/L	≥75%	NA
Particulate**	286667 count/mL	900 count/mL	99.68%	2400 count/mL	≥85%	NA
2,4-D	291.6667 ug/L	45.45 ug/L	84.42%	100 ug/L	0.0017 mg/L	NA
Asbestos	458 MFL/mL	0.16 MFL/mL	99.96%	0.16 MFL/mL	99%	NA

\* Tested using a flow rate of 0.75 GPM (2.83 L/min.) and a maximum pressure of 120 psi (827 kPa) under standard laboratory conditions, however, actual performance may vary. Health Claim Performance tested and certified by NSF International

\*\* Particle size range classification of test. Particles used were 0.5 –1 microns.



State of California  
Department of Health Services

Water Treatment Device  
Certificate Number

01 - 1486

Date Issued: September 21, 2001

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<u>Trademark/Model Designation</u>	<u>Replacement Elements</u>	<u>Rated Capacity</u>
Amana WF50-W1500	WF50	500 gal
Amana WF50-N1300	WF50	300 gal
Kenmore WF50-KW1500	46 9005	500 gal
Kenmore WF50-KN1300	46 9005	300 gal

**Manufacturer:** Penta Pure, Inc.

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The water treatment device(s) listed on this certificate have met the testing requirements pursuant to Section 116830 of the Health and Safety Code for the following health related contaminants:

Microbiological Contaminants and Turbidity

Cysts

Inorganic/Radiological Contaminants

Asbestos

Lead

Organic Contaminants

Atrazine

Lindane

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Rated Service Flow: 0.75

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# Amana Refrigerator Warranty

## First Year

Amana will replace, free of charge, any part which is defective due to workmanship or materials.

## Second through Fifth Year

Amana will replace free of charge, any sealed system component (compressor, condenser, evaporator, drier and interconnecting tubing) and repair any food compartment liner (exclusive of door liner) which is defective due to workmanship or materials.

## Warranty Limitations

- Begins at date of original purchase.
- Excludes original and replacement water or air filter cartridges (if equipped with the filtration system). Original and replacement cartridges are warranted for 30 days, parts only, against defects of material or workmanship.
- Service must be performed by an authorized Amana technician.
- Damage due to shipping and handling is not covered by this warranty.

## Warranty Is Void If

### Repairs resulting from the following:

- Serial plate is defaced.
- Product is used on a commercial, rental, or leased basis.
- Product has defect or damage due to product accident, alteration, connection to an improper electrical supply, fire, flood, lightning, or other conditions beyond the control of Amana.
- Product is improperly installed or used.

## Owner's Responsibility

- Provide proof of purchase (sales receipt).
- Provide normal care and maintenance. Replace owner replaceable items where directions appear in Owner's Manual.
- Make product reasonably accessible for service.
- Pay premium service costs for service outside technician's normal business hours.
- Pay for service calls related to product installation and usage.

### 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

[www.amana.com](http://www.amana.com)

## 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.