



*84" Integrated Bottom Mount
Refrigerator*

Owner's Guide

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Keep these instructions for future reference. Be sure this manual stays with refrigerator.

Electrical Requirements



Recognize this symbol as a safety precaution.



WARNING

Electrical Grounding Instructions—This refrigerator 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.

Refrigerator is designed to operate on a separate 1115 volt, 15 amp., 60 cycle line.

Do not under any circumstances cut or remove the round grounding prong from the plug. Refrigerator must be grounded at all times. Do not remove warning tag from power cord.



WARNING

Do not use a two-prong adapter. Do not use an extension cord.

Model Identification

Model information is on the serial plate, located on left wall of refrigerator section. Record the following information:

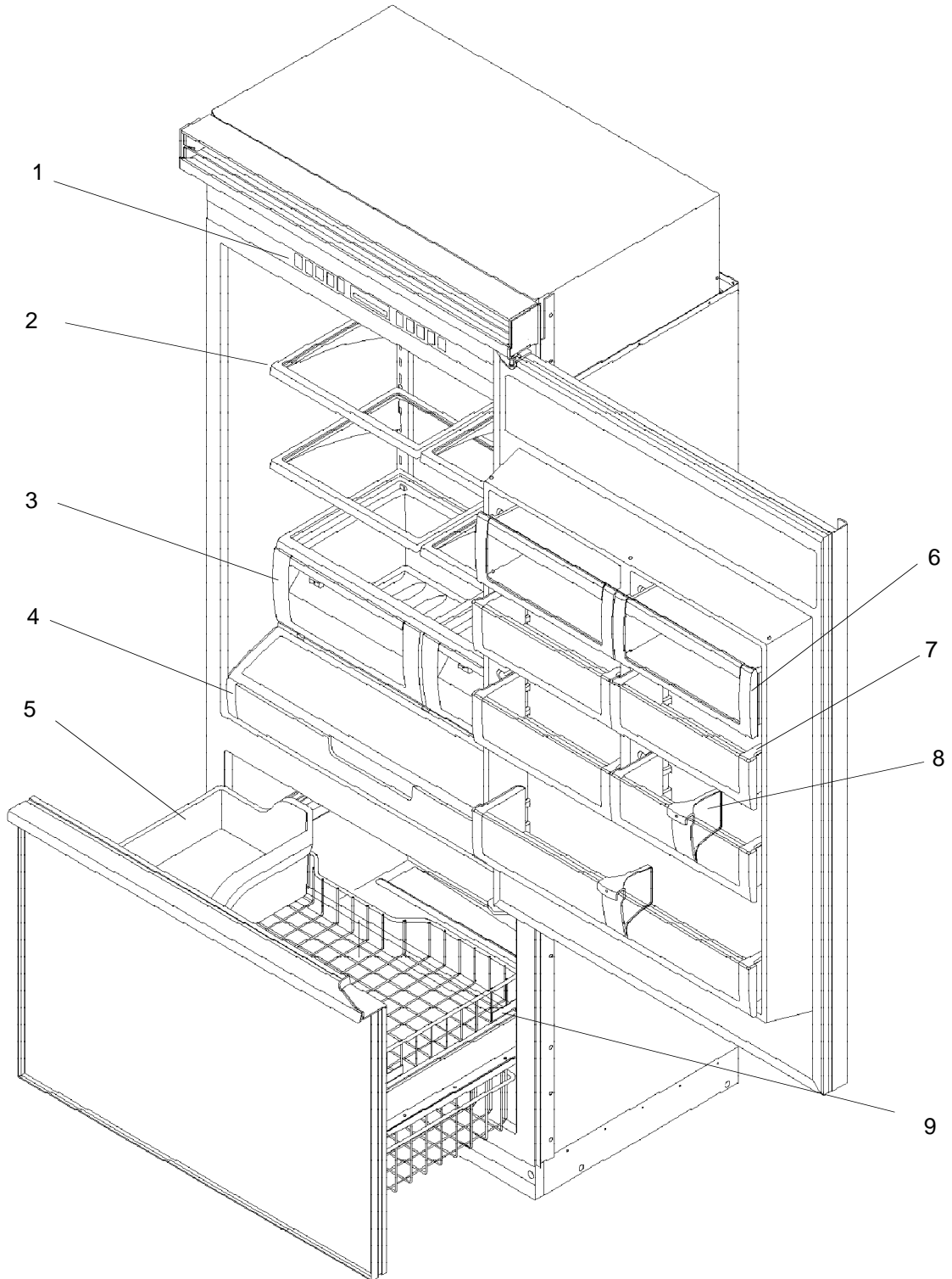
Model Number _____
 Manufacturing Number _____
 S/N or Serial Number _____
 Date of purchase _____
 Dealer's name and address _____

Keep a copy of sales receipt for future reference.

Complete registration card and promptly return. If registration card is missing, call the Consumer Affairs Department at **1-800-843-0304** inside U.S.A. and **1-319-622-5511** outside U.S.A.

Model Diagram

- | | |
|-----------------------------------|--------------------------|
| 1. Touchmatic™ Electronic Control | 6. Dairy Centers |
| 2. Spillsaver™ Shelves | 7. Door Shelves |
| 3. Humidity Controlled Crispers | 8. Adjustable dividers |
| 4. Chef's Pantry™ | 9. Wire freezer baskets. |
| 5. Ice Pan | |



Controls

This refrigerator operates most efficiently in normal household temperatures of 55° to 110°F (13° to 43°C).

Posi-Temp™ System

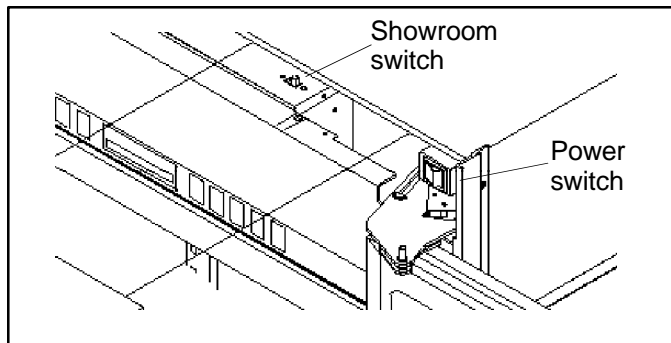
Posi-Temp™ system automatically maintains selected temperatures in both refrigerator and freezer sections. Refrigerator thermistor controls fresh food fan operation while a separate freezer thermistor controls compressor and freezer fan operation. These thermistors allow foods to cool or freeze quickly and provide even temperatures throughout refrigerator and freezer sections.

Showroom Switch

Showroom switch allows electronic controls and interior lights to function independently of refrigeration system. Showroom switch is located behind air grille to right of control panel. Refrigerator is shipped with showroom switch in unit *run* position.

Power Disconnect Switch

Use power disconnect switch to disconnect power without unplugging refrigerator. Power disconnect switch is located behind air grille on top right side. Refrigerator is shipped with power disconnect switch in *on* position.



Touchmatic™ Electronic Controls

Touchmatic™ electronic controls are located behind the refrigerator door above the refrigerator section. Press *Display On* pad to activate control panel. All other pads, except for *Alarm Off* pad, remain inactive until *Display On* pad is pressed. Once activated, pads remain programmable for at least 10 minutes.

Refrigerator and freezer controls are preset at 5. Wait 24 hours after connecting power for refrigerator and freezer sections to reach desired temperatures. After 24 hours, adjust controls as desired. 1 is warmest setting and 9 is coldest. Refer to "Setting Controls" section to set controls precisely.

- Adjust refrigerator or freezer temperature by pressing *Display On* pad then *Ref Temp* pad or *Freezer Temp* pad. Press *Warmer* pad or *Colder* pad to adjust temperature setting 1 level at a time. Holding down *Warmer* pad or *Colder* pad adjusts temperature more than 1 level at a time.

Vacation Mode

Vacation mode defrosts refrigerator less often during extended non-use periods.

Refrigerator will automatically go into vacation mode during extended non-use periods. Vacation pad is a feature reminder. Pressing *Vacation* pad does not send refrigerator into vacation mode or cause light to glow.

Max Refrigerator Mode

Max refrigerator mode adjusts refrigerator temperature to coldest setting. After 10 hours, refrigerator temperature automatically returns to previous setting.

- Activate max refrigerator mode by pressing *Display On* pad then *Max Ref* pad. Indicator light will glow.
- Deactivate max refrigerator mode before automatic reset by pressing *Display On* pad then *Max Ref* pad.

Max Freezer Mode

Max freezer mode adjusts freezer temperature to coldest setting. After 24 hours, freezer temperature automatically returns to previous setting.

- Activate max freezer mode by pressing *Display On* pad then *Max Frz* pad. Indicator light will glow.
- Deactivate max freezer mode before automatic reset by pressing *Display On* pad then *Max Frz* pad.

Entry Tone

Entry tone indicates a pad was pressed and command was read and accepted.

- Deactivate entry tone by pressing and holding *Display on* pad for 3 to 5 seconds. Three short beeps indicate instructions were accepted.
- Activate entry tone by pressing and holding *Display On* pad for 3 to 5 seconds.

Refrigerator Features

Door Open Alarm

Door open alarm sounds and indicator light blinks if either door is open for more than 3 minutes.

- Deactivate door open alarm by pressing *Alarm Off* pad or by closing either door.
- Activate door open alarm by pressing *Display On* pad then holding *Alarm Off* pad for 3 to 5 seconds. Three short beeps indicate instructions were accepted.

High Temperature Alarm

High temperature alarm sounds and indicator light glows if refrigerator or freezer temperature is high for 2 hours. A blinking light signals affected compartment. Alarm ends when proper temperature is reached.

- Deactivate high temperature alarm by pressing *Alarm Off* pad.

Thermistor Alarm

Thermistor electronically senses refrigerator and freezer temperatures. Thermistor alarm sounds and indicator lights scroll if refrigerator or freezer thermistor is not operating properly.

- Deactivate display by pressing *Alarm Off* pad.

If thermistor alarm sounds, contact an authorized Amana® technician immediately. If *Alarm Off* pad is pressed, thermistor control retests to confirm situation has been corrected. Alarm sounds again if thermistor is still not operating properly.

Display Lights

- Deactivate temperature display lights by pressing *Display On* pad then pressing *Display Off* pad.
- Activate temperature display lights by pressing *Display On* pad.

Setting Controls

Set controls precisely with a household thermometer that includes temperatures between -5° to 50°F (-21° to 10°C).

Put thermometer snugly between frozen packages in freezer section. Wait 5-8 hours. If freezer temperature is not 0° to 2°F (-17° to -16°C), adjust control, 1 number at a time. Check again after 5-8 hours.

Put thermometer in a glass of water in middle of refrigerator section. Wait 5-8 hours. If refrigerator temperature is not 38° to 40°F (3° to 4°C), adjust control, 1 number at a time. Check again after 5-8 hours.



Caution

To avoid personal injury and property damage, confirm shelf is secure before placing items on shelf.

Water Filtration System

The Amana® Clean 'n Clear™ water filtration system provides water treatment with a revolutionary 2-stage design. Refer to Clean 'n Clear™ water filtration system installation and operating instructions.

Spillsaver™ Shelves

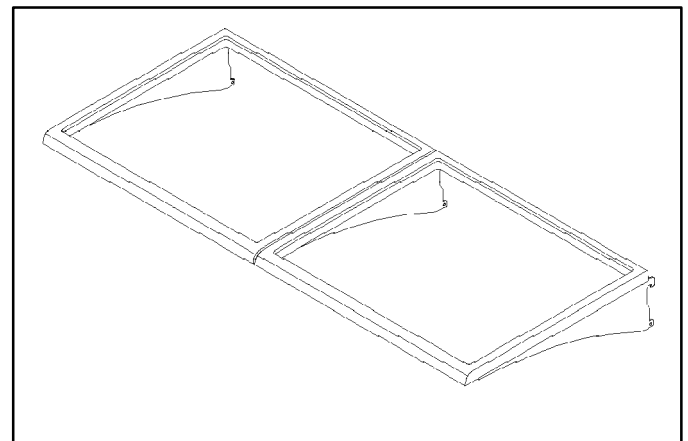
Spillsaver™ shelves are constructed of polypropylene molded around the glass and metal rail. Therefore, Spillsaver™ shelves are completely encapsulated and liquids cannot seep under the glass. This localizes spills and provides easier cleaning. Spillsaver™ shelves also adjust to meet individual storage needs.



Caution

To avoid personal injury or property damage, handle tempered glass shelves carefully. Shelves may break suddenly if nicked, scratched, or exposed to sudden temperature change.

- Remove shelves by lifting front, releasing hooks from metal track then pulling out.
- Replace shelves by inserting hooks into metal track and lowering front.



Chill Zone

Chill Zone features 2 humidity controlled crispers and the Chef's Pantry™. Freezer air circulating in the Chill Zone is contained by gaskets in the shelf above the crispers. Chill Zone keeps food up to 3 - 5°F colder than refrigerator temperature.

Chill Zone control is located to the right of the Chef's Pantry™ underneath the Chef's Pantry™ lid. Control adjusts amount of freezer air circulating in this area. Slide control down for normal refrigerator temperature and up for colder temperature.

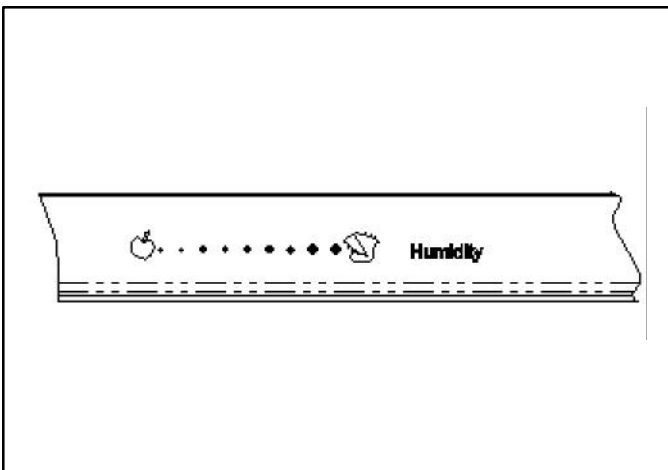
Humidity Controlled Crispers

Humidity controlled crispers are constructed of both clear and white bonded plastic. This process produces a solid piece which allows deli and produce items to stay fresh longer.

The following will also help produce to stay fresh longer.

- Wrap produce tightly.
- Do not wash produce before placing in crispers. Excess moisture could cause produce to spoil prematurely.
- Do not line drawers with paper towels. Paper towels will retain moisture.

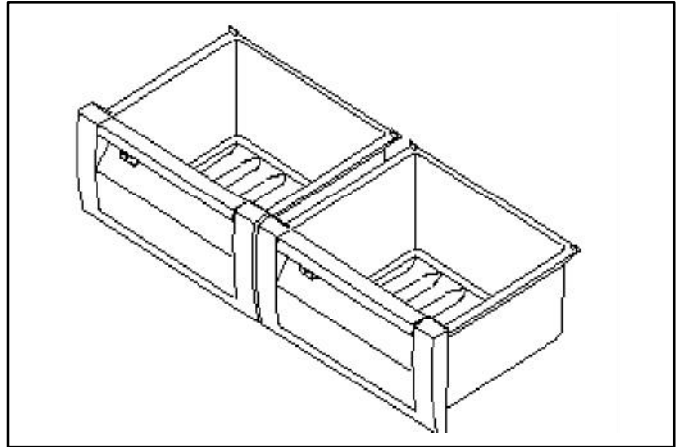
Humidity controlled crisper controls are located underneath front trim. Control adjusts crisper humidity. Slide control right for deli items and produce with leaves such as lettuce, spinach, or cabbage. Slide control left for produce with skins such as cauliflower, corn, or tomatoes.



Humidity controlled crispers also adjust to meet individual storage needs.

- Remove drawers by lifting and pulling out. Remove shelf by lifting front, releasing hooks from metal track then pulling out.
- Replace shelf by inserting hooks into metal track and lowering front. Replace drawers by sliding in.

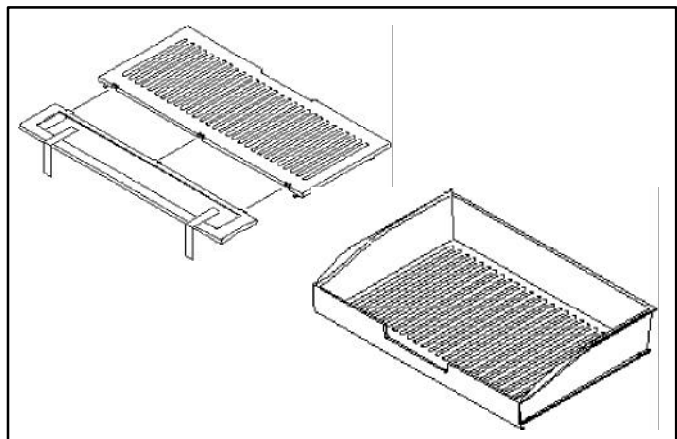
- Remove one pan with 90° door opening, center glide support will slide out for removal of second pan.



Chef's Pantry™

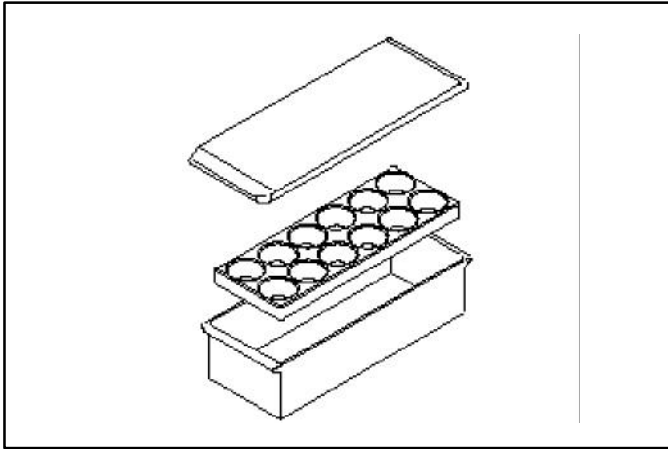
As the drawer glides forward on an inner and outer track, the lid raises for easy access of items. Chef's Pantry™ holds extra-large deli trays, wine bottles, etc. The lid can also be removed and the crispers repositioned for tall items such as tiered cakes, flower arrangements, etc.

1. Raise humidity controlled crispers. Chef's Pantry™ cover is not designed for use as shelf when crispers are raised.
2. Remove lid by lifting back to release hooks then pulling out. Remove drawer by lifting and pulling out.
3. Replace drawer by sliding in. Replace lid by inserting hooks into drawer then placing back and front down.



Covered Storage Bucket

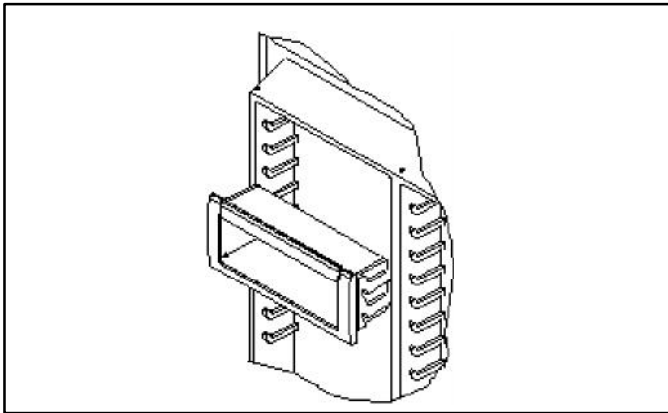
Storage bucket has a lid and removable egg tray. When tray is removed, bucket will accept items such as a standard egg carton, ice, etc.



Dairy Centers

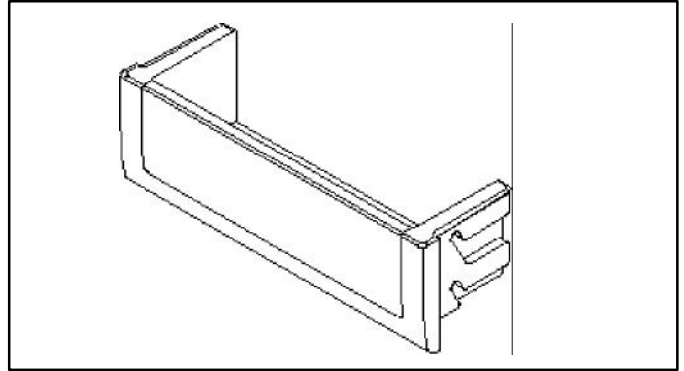
Dairy center doors are surrounded by gaskets for a tighter seal which allows items to stay fresh longer. Dairy centers also adjust to meet individual storage needs.

- Remove dairy center by lifting and pulling out.
- Replace dairy center by placing shelf over glide and sliding down.



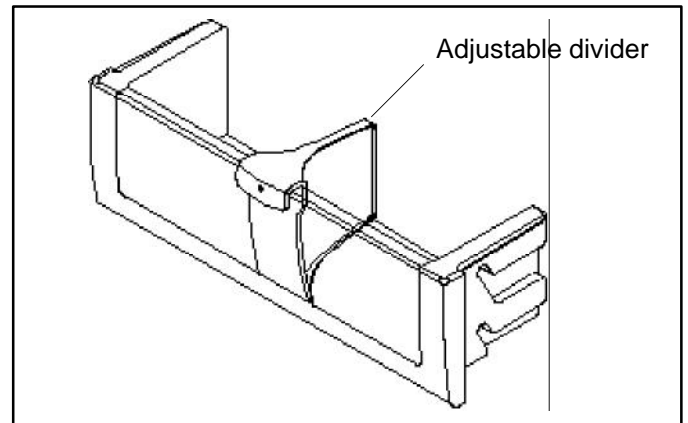
Door Shelves

- Remove door shelves by lifting and pulling out.
- Replace door shelves by placing shelf over glide and sliding down.



Adjustable Dividers

Adjustable dividers keep items in place and adjust to meet individual storage needs. Dividers fit in any door shelf.



Freezer Features



Caution

To avoid personal injury or property damage, confirm shelf is secure before placing items on shelf.

Automatic Ice Maker

Ice pan is positively located in wire basket. Therefore, ice bucket is always in correct position. Wire basket slides forward for easy access of ice. Ice maker will not produce ice when ice pan is not in place.

- After freezer section reaches normal temperature, ice maker fills with water and begins operating. Allow 24-48 hours after installation before first harvest of ice. Ice maker produces 7 to 9 harvests of ice in a 24-hour period under ideal conditions.
- After ice is formed, ice maker drops ice cubes into ice pan. During ice production, ice maker arm raises and lowers. When ice pan is full, ice maker arm turns ice maker off. Discard first 3 harvests of ice after initially connecting refrigerator to household water supply and after extended periods of non-use.
- Stop ice production by raising ice maker arm. A definite click is heard when proper position is reached.



Caution

To avoid damage to ice maker, observe the following:

- Do not force ice maker arm down or up, past stop position.
- Do not place or store anything in ice bucket.

Care and Cleaning



WARNING

To avoid electrical shock which can cause severe personal injury or death, turn power disconnect switch to *off* position before cleaning. After cleaning, return power disconnect switch to *on* position.



Caution

To avoid personal injury or property damage, read and follow all cleaning product manufacturer's directions.

General

1. Wash surfaces with 4 tablespoons baking soda dissolved in 1 quart warm water and a soft, clean cloth.
 2. Rinse surfaces with warm water. Dry surfaces with a soft, clean cloth.
- Do not use the following items:
 - abrasive or harsh cleaners, ammonia, chlorine bleach, etc.
 - concentrated detergents or solvents
 - metal scouring padsThese items can scratch, crack and discolor surfaces.
 - Do not place buckets, shelves, etc. in dishwasher.

Odor Removal

1. Remove all food and turn power disconnect switch to *off* position.
2. Clean all interior surfaces including ceiling, floor, and walls according to "General" instructions. Pay special attention to corners, crevices, and grooves. Include all drawers, shelves, and gaskets.
3. Turn power disconnect switch to *on* position and return food to refrigerator. Wash and dry all bottles, containers and jars. Wrap foods in tightly sealed containers to prevent further odor. After 24 hours, check if odor was eliminated.

Complete the following steps if odor was not eliminated.

4. Complete steps 1-2.
5. Place humidity controlled crispers on top shelf of refrigerator section. Pack refrigerator and freezer sections including doors with crumpled sheets of black and white newspaper.
6. Place charcoal briquettes randomly throughout newspaper.
7. Close doors and let stand 24-48 hours.
8. Remove charcoal briquettes and newspapers.
9. Complete steps 2-3.

Contact Consumer Affairs Department if odor was still not eliminated.

Adhesives

1. Remove glue residue by rubbing toothpaste into adhesive with fingers until adhesive loosens.
2. Rinse surface with warm water. Dry surface with a soft, clean cloth.

Door Gaskets

1. Clean door gaskets every 3 months according to "General" instructions.
2. Apply a light film of petroleum jelly to keep gaskets pliable.

Glass Shelves



Caution

To avoid personal injury or property damage, handle tempered glass shelves carefully. Shelves may break suddenly if nicked, scratched, or exposed to sudden temperature change.

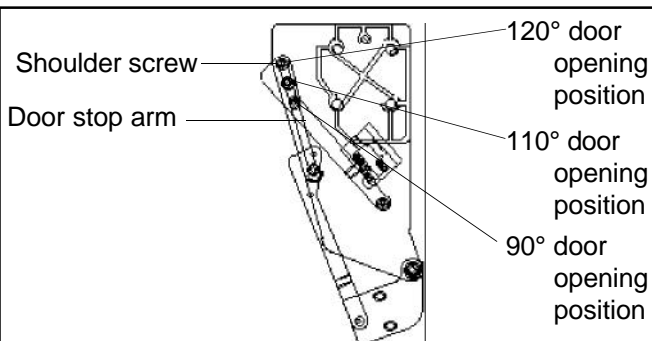
Remove shelf by lifting front, releasing hooks from metal track then pulling out. Place shelf on a towel. Allow shelf to adjust to room temperature before cleaning.

Clean crevices by completing the following steps:

1. Dilute mild detergent and brush solution into crevices using a plastic bristle brush. Let set for 5 minutes.
2. Spray warm water into crevices using faucet spray attachment.
3. Dry shelf thoroughly and replace shelf by inserting hooks into metal track and lowering front.

Door Stop Adjustment

1. Remove center grille blade from top air grille.
2. Remove top air grille by removing (4) ¼" screws with a magnetic screw driver. Pull assembly forward.
3. Open refrigerator door so door stop arm and shoulder screw are accessible. Shoulder screws should be in 110° door opening position.
4. Remove shoulder screw and place shoulder screw in the 90° or 120° door opening position.
5. Replace air grille assembly.



Light Bulbs



WARNING

To avoid electrical shock which can cause severe personal injury or death, turn power disconnect switch to *off* position before replacing light bulb. After replacing light bulb, return power disconnect switch in *on* position.

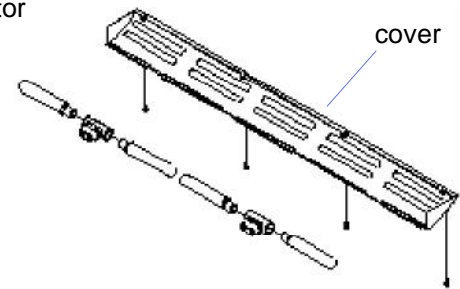


Caution

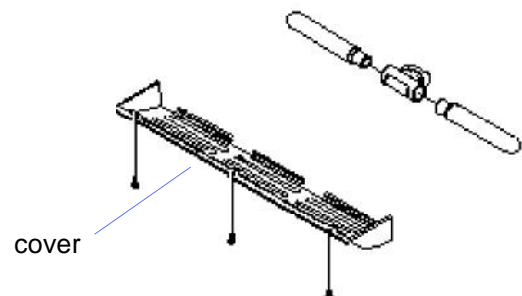
To avoid personal injury or property damage, observe the following:

- Allow light bulb to cool.
 - Wear gloves when replacing light bulb.
- Remove cover by removing screws. Cover drops down. Replace with maximum 40 watt light bulbs.
 - Replace cover by holding cover against ceiling. Insert and tighten screws.

Refrigerator lights



Freezer lights



Drain Pan

Prevent condensation from overflowing by checking drain pan periodically. To remove drain pan, remove 4 screws in toe grille. Pull drain pan forward. Dump any condensation and replace drain pan.

Energy Tips

Reduce energy use by observing the following.

- Operate in normal household temperatures of 55° to 110°F (13° to 43°C) away from heat sources and direct sunlight.
- Set refrigerator, freezer, and Chill Zone controls no colder than necessary.
- Keep freezer section full.
- Keep door gaskets clean and pliable. Replace gaskets if worn.

Vacation Tips

Complete the following steps for short vacations.

1. Remove perishable foods. **Warranty does not cover food loss.** Check warranty certificate for specific coverage.
2. Move ice maker arm to *off* position.

Complete the following steps for long vacations.

1. Empty refrigerator and freezer sections.
2. Turn power disconnect switch to *off* position.
3. Clean refrigerator and door gaskets according to “General” instructions in “Care and Cleaning” section.
4. Prop doors open, so air can circulate inside.
5. Turn water supply to refrigerator *off* and move ice maker arm to *off* position.

Normal Operating Sounds

This new refrigerator may be replacing a differently designed, less efficient or smaller refrigerator. Today’s refrigerators have new features and are more energy efficient. As a result, certain sounds may be unfamiliar. These sounds are normal and will soon become familiar. These sounds also indicate refrigerator is operating and performing as designed.

- **Freezer and fresh food fan** air rushes and whirs.
- **Sealed system** (evaporator and heat exchanger) refrigerant flow gurgles, pops or sounds like boiling water.
- **Defrost heater** sizzles, hisses or pops.
- **Condenser fan** air rushes and whirs.
- **Compressor** has a high pitched hum or pulsating sound.
- **Ice cubes** from ice maker drop into ice bucket.
- **Ice maker water valve hookup** buzzes when ice maker fills with water. This occurs whether or not refrigerator is connected to water supply. If refrigerator is not connected to water supply, stop sound by raising ice maker arm to *off* position.
- Foam insulation is very energy efficient and has excellent insulating capabilities. However, foam insulation is not as sound absorbent as previously used fiberglass insulation.

Before Calling For Service

Refrigerator does not operate.

- Confirm showroom switch is *off*.
- Confirm power disconnect switch is *off*.
- Check fuse or circuit breaker.
- Wait 40 minutes to see if refrigerator restarts. If lights work but fans and compressor are not operating, refrigerator may be in defrost cycle.

Refrigerator still won't operate.

- Turn *on* disconnect switch. Transfer food to another unit or place dry ice in freezer section to preserve food. **Warranty does not cover food loss.** Check warranty certificate for specific coverage.
- Call **1-800-628-5782** inside U.S.A. and **1-319-622-5511** outside U.S.A. to locate an **authorized** Amana® technician.

Food temperature appears too warm.

- See above sections.
- Allow time for recently added warm food to reach refrigerator or freezer temperature.
- Check gaskets for proper seal.
- Adjust refrigerator and/or freezer setting.

Chill Zone temperature is too warm.

- Slide control to colder setting.
- Adjust freezer control to colder setting.

Food temperature is too cold.

- Adjust refrigerator control.
- Adjust freezer to warmer setting. Allow several hours for temperature to adjust.

Refrigerator runs too frequently.

- It may be normal to maintain constant temperature.
- Doors may have been opened frequently or for an extended period of time.
- Allow time for recently added warm food to reach refrigerator or freezer temperature.
- Adjust freezer setting.
- Check gaskets for proper seal.

Water droplets form on inside of refrigerator.

- It is normal during high humidity periods or if doors have been opened frequently.

Water droplets form on outside of refrigerator.

- Check door gaskets for proper seal.

- Check for a package which may prevent drawer from closing properly.
- Confirm drawer is in proper position.
- Clean drawer channels with warm, soapy water. Rinse and dry thoroughly.
- Apply a thin layer of petroleum jelly to drawer channels.
- Confirm refrigerator is level.

Refrigerator has an odor.

- See "Odor Removal" instructions in "Care and Cleaning" section.

Refrigerator or ice maker make unfamiliar sounds or seems too loud.

- It may be normal. See "Normal Operating Sounds" section.

Ice maker is not producing ice.

- Confirm ice maker arm is down.
- Confirm household water supply is reaching water valve.
- Confirm ice maker wiring harness is completely inserted into proper holes.
- Check for kinks in tubing. Remove kinks or replace tubing.
- Check electrical connections to water valve coil.
- Confirm freezer section is operating at proper temperature.
- Water filter cartridge may need replaced.

Ice cubes have an odor.

- See "Odor Removal" instructions in "Care and Cleaning" section.
- Discard ice and clean ice bucket more frequently. Ice cubes are porous and absorb odors easily.
- Water filter cartridge may need replaced.

Ice cubes stick together or 'shrink'.

- Empty ice bucket more frequently. If used infrequently, ice cubes may stick together or shrink.

Ice forms in inlet tube to ice maker.

- Check water pressure. Low water pressure will cause valve to leak. Self-piercing valves cause low water pressure. **Amana Refrigeration, Inc. recommends using a saddle valve. Contact 1-800-843-0304 or an Amana® dealer for availability. Do not use self-piercing valve. Amana Refrigeration, Inc. is not responsible for property damage due to improper installation or water connection.**

Crispers or Chef's Pantry™ does not close freely.

Factory Service Centers

Listed below are Factory Service Centers which service most metropolitan and surrounding areas. Amana Refrigeration, Inc. also has a network of independent authorized technicians. Locate a Factory Service Center or independent authorized Amana® technician by calling **1-800-628-5782** inside U.S.A. and **1-319-622-5511** outside U.S.A. When contacting Amana Refrigeration, Inc., provide product information. Product information is on the serial plate, located on left wall of refrigerator section. Warranty service must be performed by an **authorized** Amana® technician. Amana Refrigeration, Inc. also recommends contacting an **authorized** Amana® technician if service is required after warranty expires.

- **Amana Factory Service Center Arizona**
Also dispatches service in areas of Nevada
- **Amana Factory Service Center California**
- **Amana Factory Service Center Colorado**
Also dispatches service in areas of Utah
- **Amana Factory Service Center Florida**
- **Amana Factory Service Center Georgia**
Also dispatches service in areas of Alabama, North Carolina, South Carolina, and Tennessee
- **Amana Factory Service Center Iowa**
Also dispatches service in areas of Kansas, Minnesota, Missouri, and Wisconsin
- **Amana Factory Service Center Illinois**
Also dispatches service in areas of Indiana and Kentucky
- **Amana Factory Service Center Massachusetts**
Also dispatches service in areas of New Hampshire and Rhode Island
- **Amana Factory Service Center Maryland**
Also dispatches service in areas of Pennsylvania, Virginia, and Washington D.C.
- **Amana Factory Service Center New York**
Also dispatches service in areas of Connecticut and New Jersey
- **Amana Factory Service Center Ohio**
Also dispatches service in areas of Michigan and Pennsylvania
- **Amana Factory Service Center Texas**



