

Amana®

Side-by-Side Refrigerator Owners Manual

English	2
Français	18
Sección de castellano	38


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

Contents

- Electrical Requirements 2
- Model Identification 2
- Proper Disposal of your Refrigerator 3
- Installation Instructions 3
- Installation Checklist 6
- Controls
 - Fresh Food and Deepfreeze® Controls 7
 - Setting Controls 7
- Fresh Food Features
 - Fresh Food Shelves 7
 - Chiller Fresh™ System (Some models) 7
 - Deli Fresh Drawer (Some models) 8
 - Garden Fresh™ Crispers (Some models) 8
 - Storage Rack (Some models) 8
 - Covered Storage Bucket (Some models) 9
 - Dairy Center (Some models) 9
 - Temperature Controlled Fresh Food Door (Some models) 9
 - Door Buckets (Some models) 9
 - Door Shelves (Some models) 10
- Deepfreeze® Features
 - Automatic Ice Maker (Some models) 10
 - Deepfreeze® Rack (Some models) 10
 - Stor-Mor® System (Some models) 11
 - Door Dikes (Some models) 11
- Ice 'N' Water™ Dispenser (Some models)
 - Water Dispenser Operation 11
 - Ice Dispenser Operation 12
 - Dispenser Light (Some models) 12
 - Taste and Odor 12
- Care and Cleaning
 - General 13
 - Odor Removal 13
 - Adhesives 13
 - Door Gaskets 13
 - Condenser Coils 13
 - Glass Shelves (Some models) 13
 - Light Bulbs 14
- Normal Operating Sounds 15
- Before Calling For Service 15
- Energy Tips 16
- Vacation Tips 16
- Asure™ Service Plan 16
- Warranty 17

Electrical Requirements

 **Recognize this symbol as a safety precaution.**


 **WARNING**

To prevent electrical shock which can cause severe person injury or death this refrigerator must be properly grounded.

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 103 to 126 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

Thank you for purchasing this Amana® refrigerator. Please read this Owners Manual thoroughly. This manual provides proper maintenance information. Any questions, call the Consumer Affairs Department at **1-800-843-0304** inside U.S.A. and **1-319-622-5511** outside U.S.A.

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

When contacting Amana, provide product information. Product information is on the serial plate, located on (upper left corner, ceiling) of Fresh Food section. Record the following information:

Model Number: _____

Manufacturing Number: _____

S/N or Serial Number: _____

Date of purchase: _____

Dealer's name and address: _____

Installation Instructions

Keep a copy of sales receipt for future reference.

Amana 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. Warranty service must be performed by an authorized Amana technician. Amana also recommends contacting an authorized Amana technician if service is required after warranty expires.

Amana offers a complete line of appliances: cooktops, dishwashers, dryers, freezers, microwave ovens, ranges, wall ovens, and washers. Amana also manufactures a complete selection of high efficiency gas furnaces plus both central and room air conditioners.

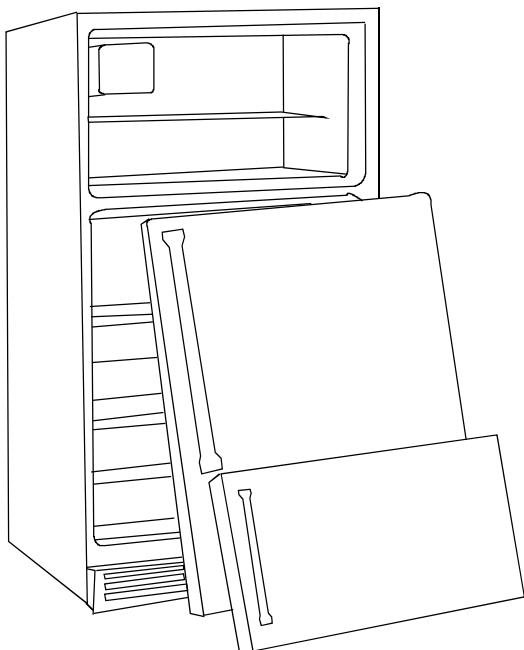
Enjoy this new Amana® refrigerator.

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 will sit 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 that children may not easily climb inside.



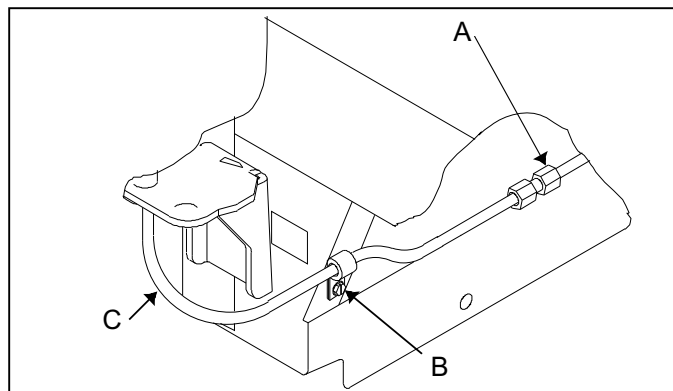
Proper installation will ensure that this refrigerator operates most efficiently. Amana cannot be responsible for improper installation.

1. Remove doors if necessary.

WARNING

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

- Remove toe grille.
- Dispenser Models**
Loosen water tube clamp screw. Pull water tube away from union nut and through tube clamp.



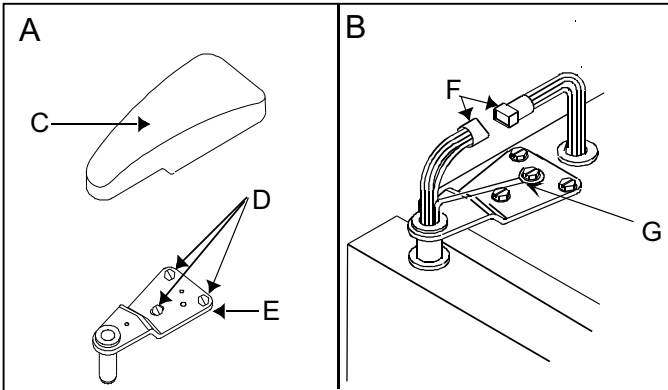
- Plastic union nut
- Water tube clamp screw
- Water tube

- Remove top hinge covers. (A following page)

WARNING

To avoid electrical shock which can cause severe personal injury or death, green ground wire must remain attached to hinge.

- d. Unplug top hinge wire connectors. Do not remove green ground wire from hinge. Carefully lift and remove top hinges. Do not disturb position of hinge shims. (B)



- C. Hinge cover
D. Door hinge screws
E. Top hinge
F. Wire connectors
G. Wire connectors
H. Green ground wire

- e. Remove doors.

Caution

To avoid property damage, protect soft vinyl or other flooring with cardboard, rugs, or other protective material when moving refrigerator.

- f. Slide appliance cart under side of refrigerator. Wrap refrigerator with blanket or pad. Thread cart strap around refrigerator and tighten. Do not overtighten strap. Move refrigerator in front of final location.
- g. Rehang doors by reversing steps a–e. Use a penny at top of doors to space doors $\frac{3}{4}$ " (18 mm) from cabinet.

2. Connecting 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:

- Confirm water pressure to water valve is between 20 and 100 pounds per square inch.
- Tighten nut by hand to avoid cross threading. Finish tightening nut with pliers and wrenches. Do not overtighten.
- Check for water leaks and correct if necessary prior to returning refrigerator to normal location and 24 hours after connecting.

Important

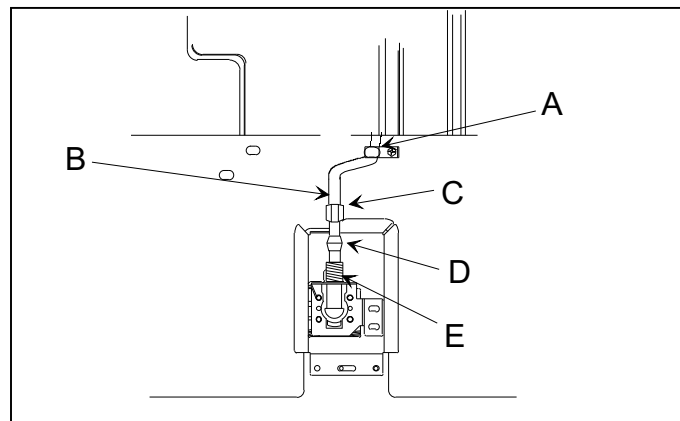
- Before connecting water supply, contact a plumber to connect copper tubing to household plumbing in compliance with local codes and ordinances.
- A self-piercing or $\frac{3}{16}$ " saddle valve is not recommended. Both reduce water flow, become clogged with time and may cause leaks if repair is attempted. The correct type of shut off valve requires a $\frac{1}{4}$ " hole to be drilled in water supply pipe prior to valve attachment. The manufacturer is not responsible for property damage caused by improper water connection.

Materials Required

$\frac{1}{4}$ " (6 mm) flexible copper tubing. Length of copper tubing must reach from water supply connection plus an additional 8' (2 m) for service loop behind refrigerator.

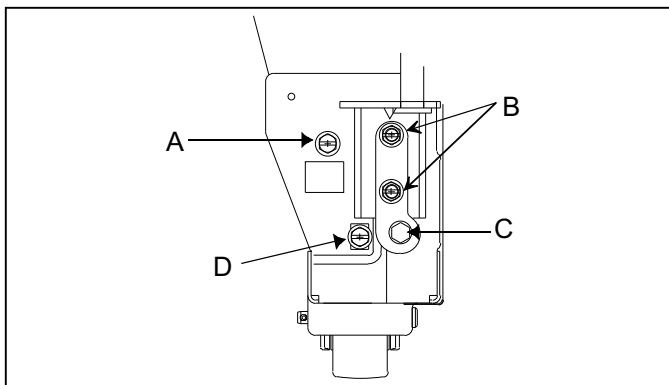
Procedure

1. Remove plastic cap from water valve inlet port. Place brass nut and brass sleeve on copper tubing. Insert copper tubing into water valve inlet port. Connect brass nut on copper tubing to water valve inlet port. Confirm copper tubing is secure by pulling on copper tubing.



- A. "P" clamp
B. Copper tubing
C. Brass nut
D. Brass sleeve
E. Water valve inlet connection

-
2. Turn on water supply to refrigerator and check for leaks. Correct any leaks.
 3. Create service loop using extreme care to avoid kinks. **Secure copper tubing to refrigerator cabinet with a “P” clamp.**
 3. **Plug in power cord.**
 4. **Move refrigerator into final location.**
 5. **Level refrigerator and align doors.**
 - a. Remove toe grille.
 - b. Turn roller adjustment screw to raise or lower refrigerator cabinet until refrigerator is stable. Some models have both front and rear adjustable rollers.
 - c. **Models with Hinge Adjusting Cam**
If tops of doors are not aligned after leveling, loosen refrigerator door hinge screws $\frac{1}{2}$ turn. Turn cam clockwise 1 increment at a time until doors are aligned. Open and close doors. Tighten hinge screws.



- A. Rear roller adjustment screw
- B. Refrigerator door hinge screws
- C. Hinge adjustment cam
- D. Front roller adjustment screw

6. **Review “Installation Checklist” in Owners Manual with consumer.**

Installation Checklist

This checklist is for personal records only.

Consumer Installer

Doors

Doors are aligned with each other. (After food has been added to refrigerator , consumer should check door alignment).

Doors seal completely to refrigerator cabinet.

Handles are solidly attached to doors.

Touchmatic™ Electronic and Ice 'N Water™ Dispenser Models (Some models)
If doors were removed to install refrigerator, top hinge wire connectors are reconnected.

Leveling

Refrigerator is stable.

Toe grille is properly attached to refrigerator.

Ice Maker

Water supply to refrigerator is turned on.

Water leaks are not present at connection between household water supply and refrigerator. (After 24 hours, consumer should check connection for water leaks.)

Ice maker arm is in on position for ice production. (It may take up to 24 hours for first harvest of ice.)

Product Literature

Owners manual is reviewed including the following information:

- product registration card
- Fresh Food and Deepfreeze® controls
- Chiller Fresh™ system
- Garden Fresh™ crispers
- normal operating sounds

Notes _____

Consumer's Signature

Installer's Signature

Installer's Company Name/Phone Number

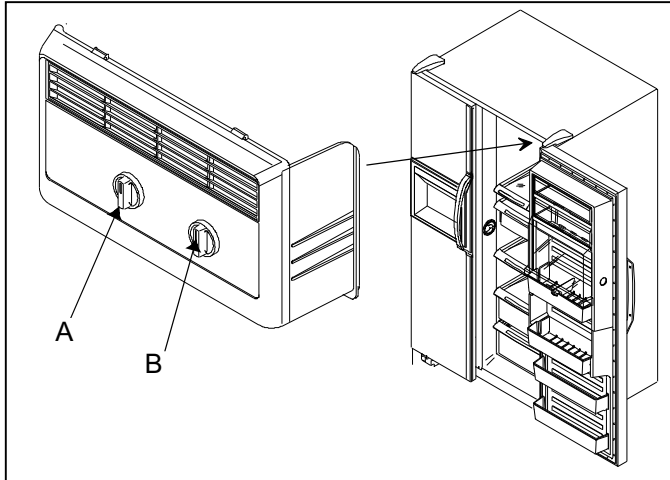
Date

Controls

This refrigerator is designed to operate at normal household temperatures of 55° to 110°F (13° to 43°C).

Fresh Food and Deepfreeze® Controls

Fresh Food and Deepfreeze® controls are located on upper rear wall of Fresh Food section.



A. Deepfreeze control B. Fresh food control

When Deepfreeze® control is set to *off*, neither Fresh Food nor Deepfreeze® sections will cool. Initially, set both controls to 4. Wait 24 hours for Fresh Food and Deepfreeze® sections to reach desired temperatures. After 24 hours, adjust controls, one number at a time, as desired. 1 is warmest setting and 7 is coldest.

Setting Controls

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

Put thermometer snugly between frozen packages in Deepfreeze® section. Wait 5-8 hours. If Deepfreeze® 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 Fresh Food section. Wait 5-8 hours. If Fresh Food temperature is not 38° to 40°F (3° to 4°C), adjust control, 1 number at a time. Check again after 5-8 hours.

Fresh Food Features

⚠ Caution

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

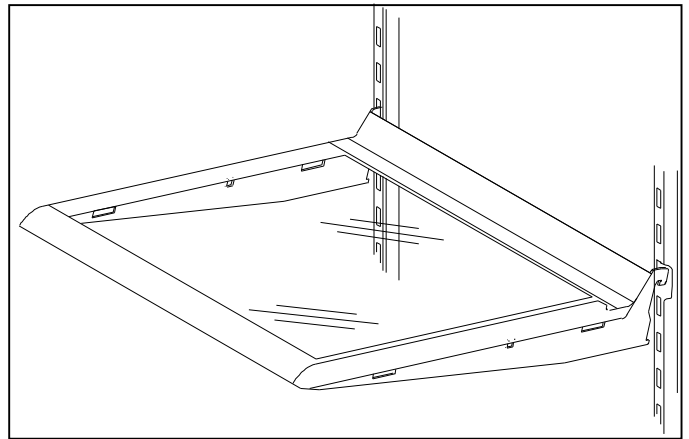
Fresh Food Shelves

Models feature either glass or wire shelves. Shelves adjust up or down to meet individual storage needs. Some models feature Spillsaver™ shelves. Spillsaver™ shelves hold simple spills for easier cleaning.

⚠ 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.



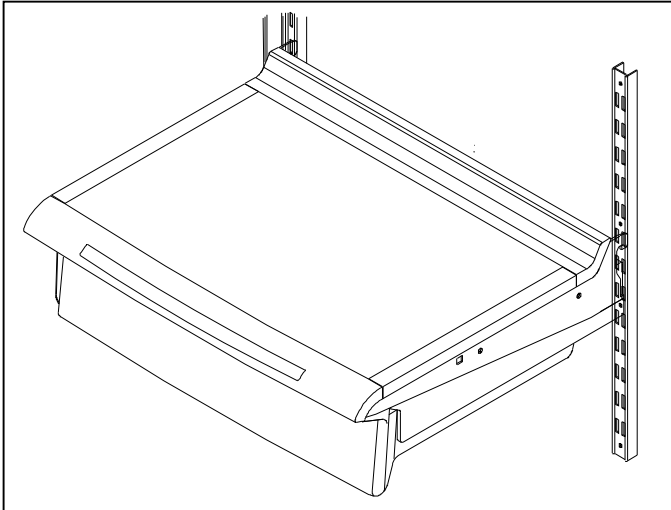
Chiller Fresh™ System (Some models)

Chiller Fresh™ system features a drawer inside a sleeve. Air circulates between drawer and sleeve. This system keeps food fresh longer and up to 5°F (3°C) colder than Fresh Food temperature.

Chiller Fresh™ control is located below front shelf trim. Control adjusts amount of air circulating around drawer. Slide control to *cold* for normal Fresh Food temperature and to *coldest* for colder temperature. Ice crystals may form on drawer or food on *coldest* setting. Cold air can decrease Fresh Food temperature. Fresh Food control may need to be adjusted.

- Remove drawer 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. Use slots 8 through 11 only. Replace drawer by sliding in. Confirm boot is over air inlet in side wall.



Deli Fresh Drawer (Some models)

- Remove drawer 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 drawer by sliding in.

Garden Fresh™ Crispers (Some models)

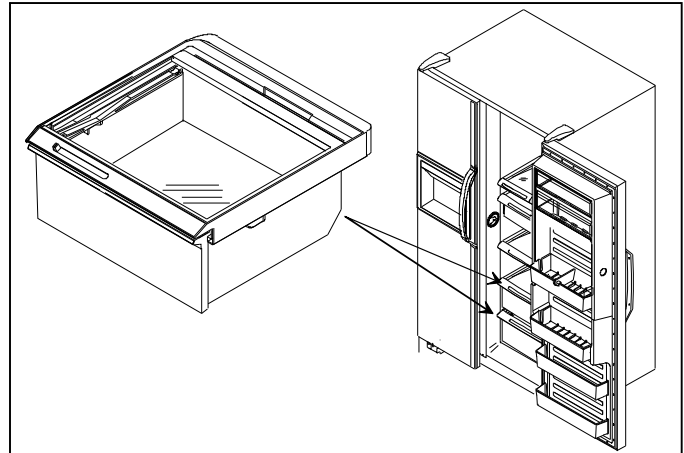
Garden Fresh™ crispers keep produce fresh longer. Wrap produce tightly. Do not wash produce before placing in crispers. Excess moisture could cause produce to spoil prematurely. Do not line crispers with paper towels. Paper towels will retain moisture.

Garden Fresh™ control is located below front shelf trim. Control adjusts humidity in crispers. Slide control to *high* for produce with leaves such as lettuce, spinach or cabbage. Slide control to *low* for produce with skins such as cauliflower, corn or tomatoes.



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 and garden fresh crispers by completing the following steps.

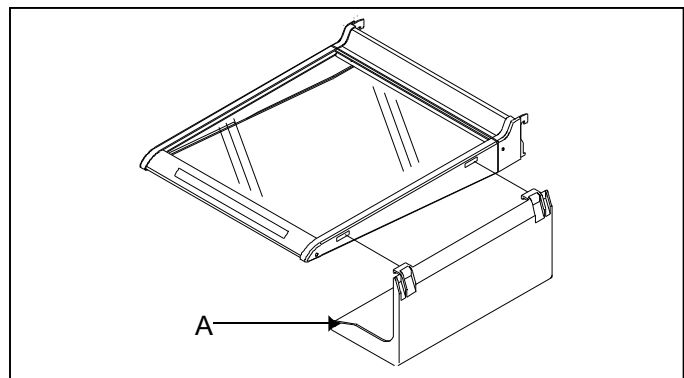
1. Open crisper.
2. Remove shelf by gently pushing up from underneath. Tilt one end up then pull out.
3. Remove crisper by lifting front while supporting underneath then pulling out.
4. Replace crispers and shelf by reversing steps 1–3.

Storage Rack (Some models)

Storage rack provides convenient storage for items such as a large bottle, eggs, etc.

Depending on location of shelf, hang rack using 1 of the following methods. Rack cannot be installed next to lower Fresh Food section light bulb.

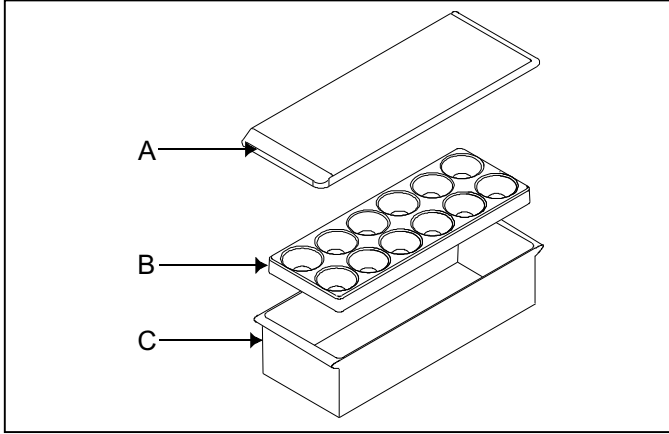
- Remove shelf by lifting front, releasing hooks from metal track then pulling out. Hang rack by inserting tabs into slots on side of shelf. Replace shelf by inserting hooks into metal track and lowering front.
- Slide rack along side of shelf until tabs are inserted into slots.



A. Storage rack

Covered Storage Bucket (Some models)

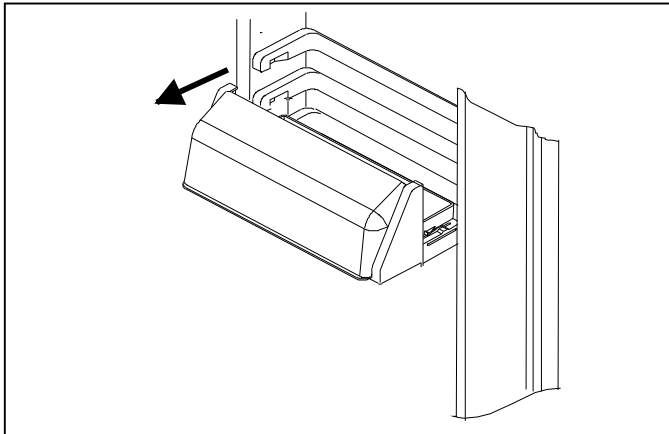
Storage bucket has a lid and removable egg tray. When tray is removed, bucket will accept items such as a standard egg carton, ice, etc.



- A. Lid
- B. Egg tray
- C. Storage bucket

Dairy Center (Some models)

Dairy center provides convenient storage for items such as butter, cheese, etc.

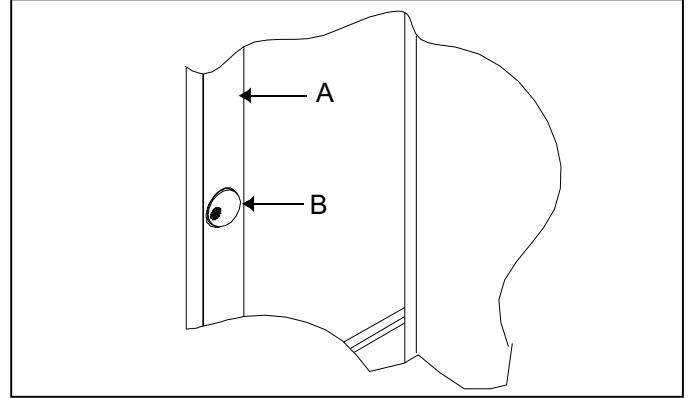


Temperature Controlled

Fresh Food Door (Some models)

Temperature control allows adjustment of Fresh Food door temperatures. Air inlet allows air from Deepfreeze® section to pass to door shelves. Air inlet is located on interior wall of Fresh Food door.

Door control is located on left front wall of Fresh Food section. Control adjusts amount of air circulating around Fresh Food door. Turn control to *cold* for normal Fresh Food temperature and to *colder* for colder temperature.

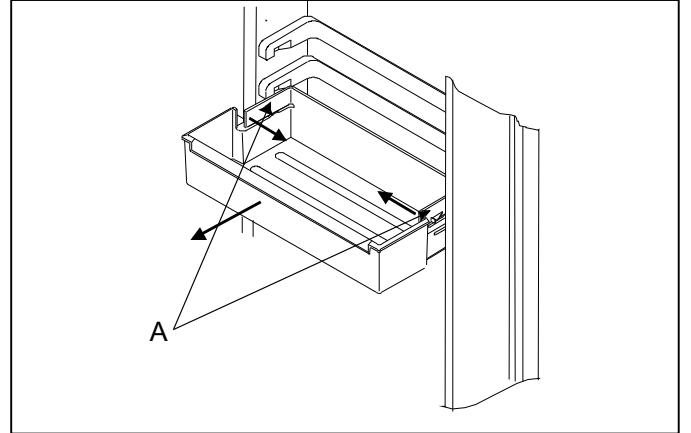


- A. Fresh food section
- B. Temperature control

Door Buckets (Some models)

Door buckets adjust to meet individual storage needs.

- Remove door buckets by pushing tabs toward center and pulling out.
- Replace door buckets by sliding in until tabs lock into place.

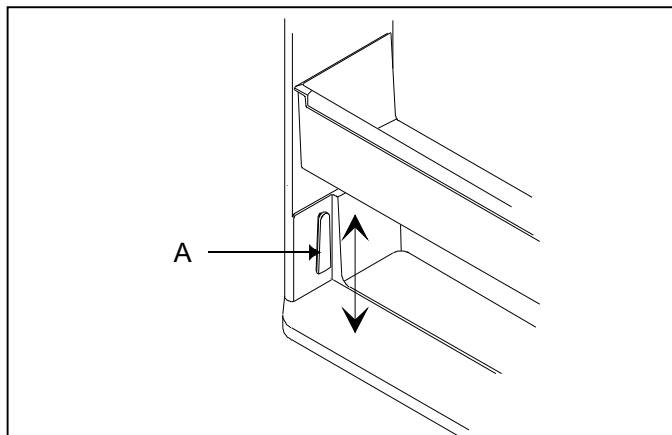


- A. Tabs

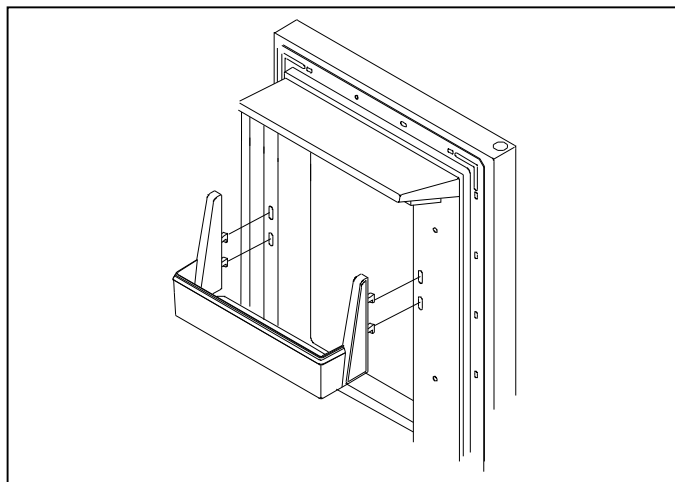
Deepfreeze® Features

Door Shelves (Some models)

- Remove slide-style door shelves by lifting both ends up and pulling out.
- Replace slide-style door shelves by placing shelf on glides and sliding down.



- Remove hook-style door shelves by lifting ends and releasing hooks on bottom of shelf.
- Replace hook-style shelves by inserting hooks and lowering bottom of shelf. Push down on ends.

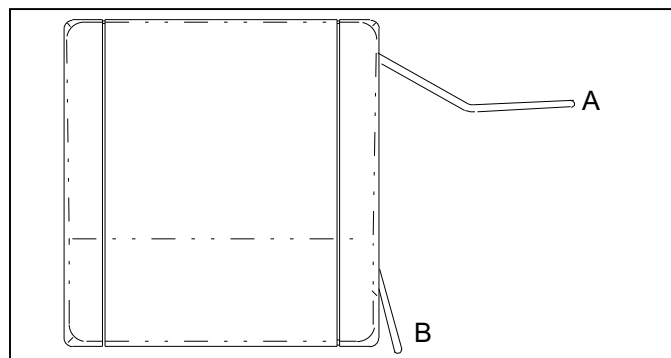


Caution

To avoid property damage, confirm shelf is secure before replacing items on shelf.

Automatic Ice Maker (Some models)

- Confirm ice bucket is in place and ice maker arm is down.



A. Off position

B. On position

- After Deepfreeze® 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 storage bucket. During ice production, ice maker arm raises and lowers. When ice storage bucket 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. Ice maker arm will remain in off position until pushed down.



Caution

To avoid damage to ice maker, observe the following:

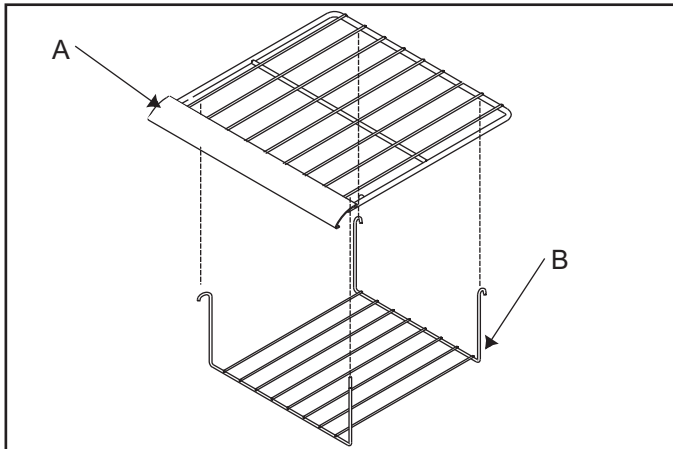
- Do not force ice maker arm down or up.
- Do not place or store anything in ice storage bucket.

Deepfreeze® Rack (Some models)

Deepfreeze® rack holds ice cube trays and provides additional storage.

- Remove Deepfreeze® rack by lifting rack and pushing front hooks in to release hooks from shelf. Pull front of rack down. Push hooks in to release back hooks from shelf. Slide rack off shelf.

- Replace Deepfreeze® rack by pushing back hooks in and placing hooks over shelf. Push front hooks in and place hooks over shelf.

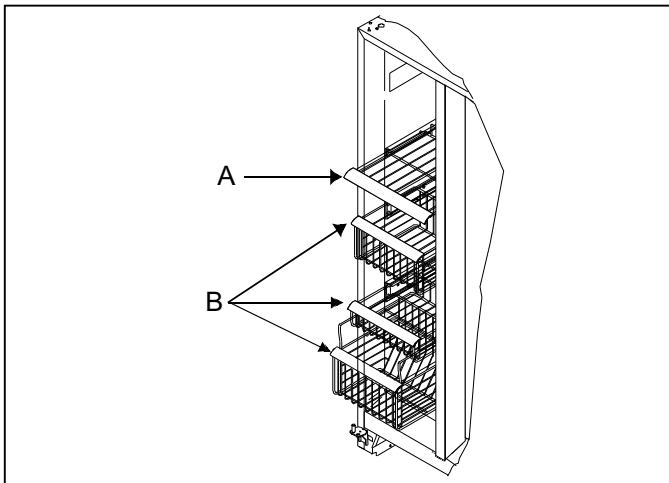


A. Freezer shelf B. Deepfreeze® rack

Stor-Mor® System (Some models)

Wire shelves and baskets slide out for easy access of items in back and can be rearranged to meet individual storage needs.

- Remove shelves and baskets by lifting and pulling out.
- Replace shelves and baskets by placing shelves and baskets on side rails. Slide shelves and baskets right and back until round knob is behind stop on rail.

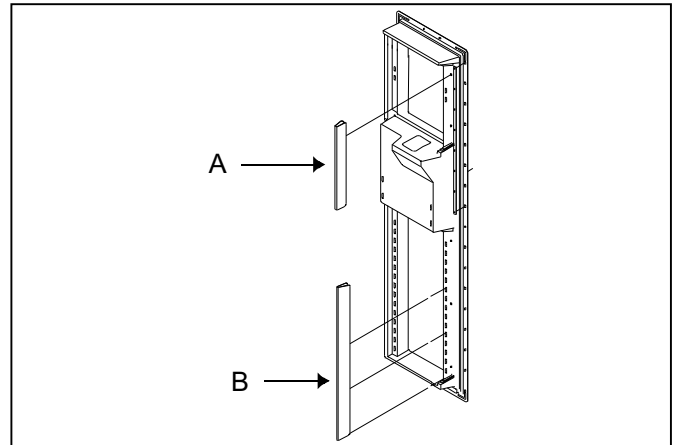


A. Wire shelf B. Wire baskets

Door Dikes (Some models)

Door dikes snap out for easy removal of Deepfreeze® shelves and baskets.

- Remove door dike by pulling out.
- Replace door dike by aligning dike with extrusions on Deepfreeze® door. Push until dike snaps in place.



A. Door dike B. Door dike

Ice 'N' Water™ Dispenser (Some models)

⚠ Caution

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

- Do not operate dispenser with Deepfreeze® door open.
- Do not put fingers, hands, or any foreign object into dispenser opening.
- Do not use sharp objects to break ice.

Water Dispenser Operation

It takes approximately 1 minute after initially connecting refrigerator to household water supply before water dispenses. Discard first 10 to 14 containers of water after initially connecting refrigerator to household water supply and after extended periods of non-use.

- Dispense water by pressing sturdy wide mouthed container against water dispenser bar.
- Stop water dispensing by releasing pressure on bar. A small amount of water may continue to fall. Spill shelf is not self-draining. Large spills should be wiped dry.

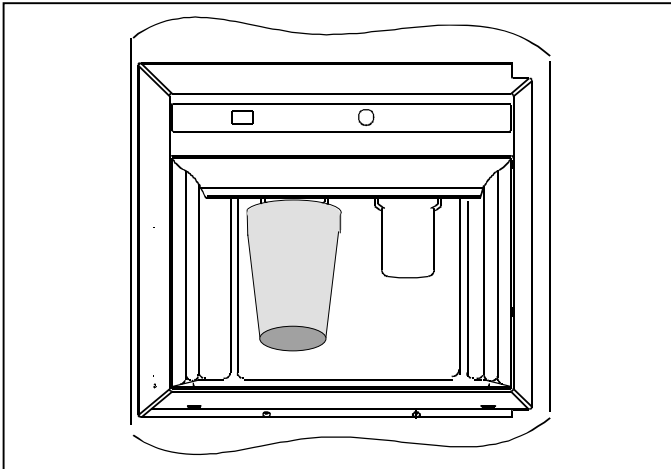
Ice Dispenser Operation



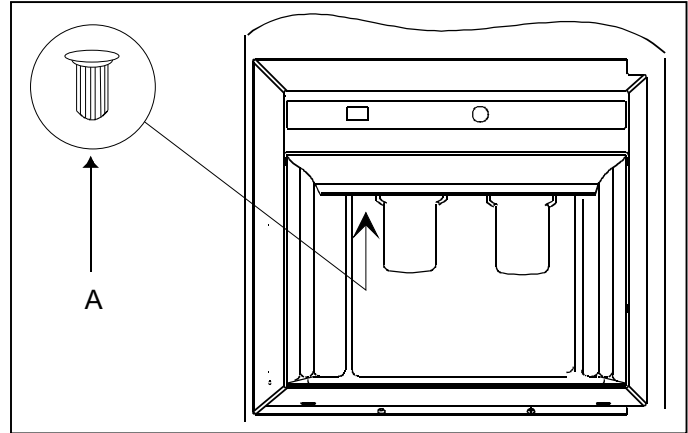
Caution

To avoid property damage, do not dispense ice directly into thin glass, fine china, or delicate crystal.

- Select cubed or crushed mode by sliding lever on dispenser panel. Dispense ice by pressing wide mouthed container against ice dispenser bar.



- Replace ice bucket by sliding in until bucket locks in place. Ice bucket must be locked in place for proper ice dispensing. If Deepfreeze® door does not close, bucket is not in proper location.



A. Night light switch

Important

Reduce spraying of crushed ice by holding wide mouthed container directly under ice chute and as high as possible in dispenser area.

- Stop ice dispensing by releasing pressure on bar before container is full. Some ice will continue to fall. Do not remove container until last of ice falls.

If dispensing ice continuously, dispenser motor is designed to shut off after 3 to 5 minutes. Motor resets after 3 minutes and dispensing can continue.

A slight delay occurs when switching between cubed and crushed modes. Pieces of crushed ice will vary in size and shape. "Snow" may form on door and ice chute when repeatedly dispensing crushed ice. Allow "snow" to evaporate or wipe dry.

Dispenser operates only with cubes of proper size and crescent shape. Do not add purchased ice cubes or other shaped cubes to ice bucket.

Removing Ice Bucket

- Remove ice bucket by lifting bucket and pulling out.

Dispenser Light (Some models)

A light is activated when dispensing ice or water. Some models feature a night light.

- Deactivate night light by pushing switch, located underneath dispenser and left of ice dispenser bar.

Taste and Odor

Observe the following to minimize taste and odor difficulties:

- Wrap foods in tightly sealed containers or moisture proof bags.
- Install water filter, R0185011, on water line.
- Contact local water treatment company for specialized help if difficulties persist.

Care and Cleaning

WARNING

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

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 disconnect power to refrigerator.
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. Connect power to refrigerator 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 garden fresh crispers on top shelf of Fresh Food section. Pack Fresh Food and Deepfreeze® 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.

Condenser Coils

Clean condenser coil every 3 months to ensure maximum performance of refrigerator. Accumulated dust and lint may cause the following:

- reduced cooling performance
 - increased energy usage
 - premature compressor failure
1. Remove toe grille by holding ends and pulling forward.
 2. Clean front surface of condenser coil with a vacuum cleaner hose nozzle.
 3. Replace toe grille by inserting clips in holes and snapping in.

Caution

To avoid property damage, protect soft vinyl or other flooring with cardboard, rugs, or other protective material.

4. Pull refrigerator away from wall. Run a vacuum brush across condenser fan outlet grille on back of refrigerator.

Glass Shelves (Some models)

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.

Light Bulbs

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.

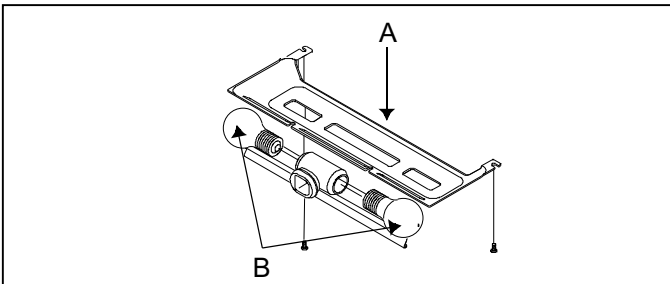
Caution

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

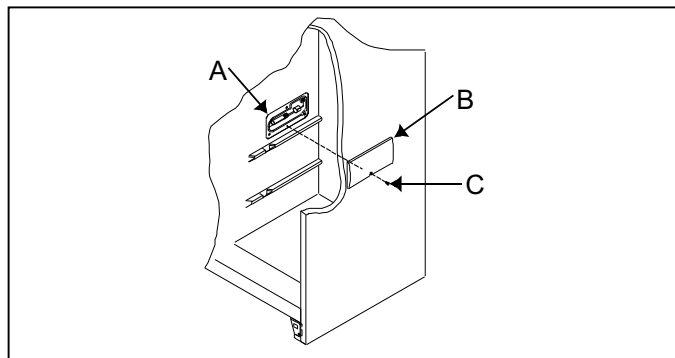
- Remove light bulb cover by pushing in on back corners then sliding off screws. Replace bulb(s) with 40-watt appliance bulb(s).
- Replace light bulb cover by pushing in on back corners then sliding on screws.



A. Light bulb cover B. Light bulbs

Lower Fresh Food Section (Some models)

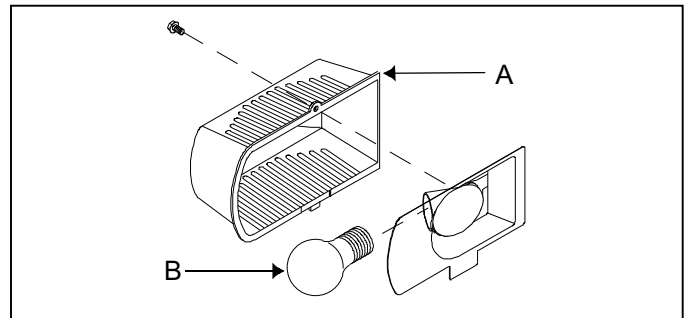
- Remove light bulb cover by removing screw. Replace bulb with 40-watt tubular bulb.
- Replace light bulb cover by placing cover over light bulb. Insert and tighten screw.



A. Light bulb B. Light bulb cover
C. Screw

Deepfreeze® Section

1. Remove ice bucket by lifting bucket and pulling out.
2. Remove light bulb cover by removing screw. Replace bulb with 40-watt appliance bulb.
3. Replace light bulb cover by holding cover in place over light bulb. Insert and tighten screw.
4. Replace ice bucket by sliding in until bucket locks in place.

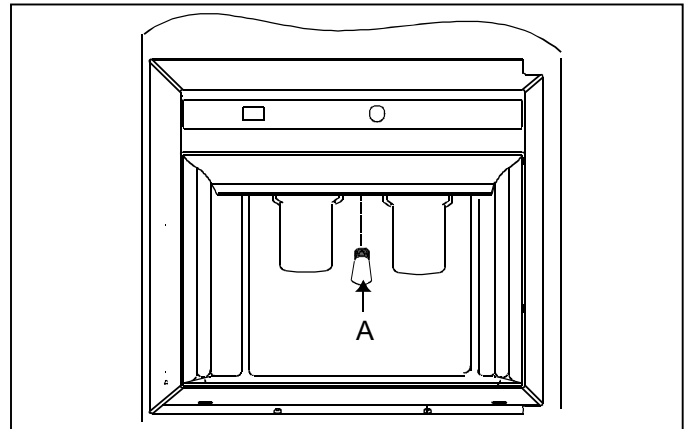


A. Light bulb cover B. Light bulb

Ice 'N' Water™ Dispenser (Some models)

Light bulb is located between dispenser arms.

- Remove light bulb by unscrewing light bulb. Replace light bulb with a 6-watt, 120-volt bulb.
- Replace light bulb by inserting and tightening bulb.



A. Light bulb

Normal Operating Sounds

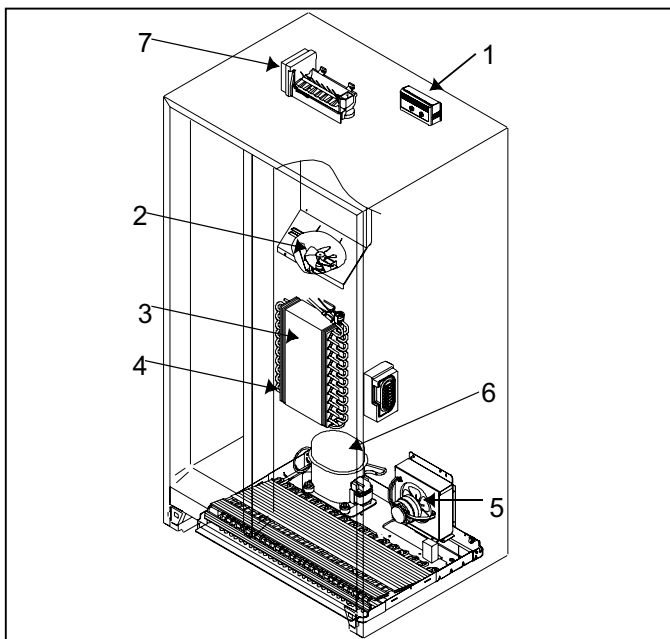
This new refrigerator may be replacing a differently designed, less efficient or smaller refrigerator. Today's refrigerators have new features and are more energy efficient. As a result, certain sounds may be unfamiliar. These sounds are normal and will soon become familiar. These sounds also indicate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

1. **Deepfreeze® control** clicks when starting or stopping compressor.
2. **Deepfreeze® fan** air rushes and whirs.
3. **Sealed system** (evaporator and heat exchanger) refrigerant flow gurgles, pops or sounds like boiling water.
4. **Defrost heater** sizzles, hisses or pops.
5. **Condenser fan** air rushes and whirs.
6. **Compressor** has a high pitched hum or pulsating sound.
7. **Ice cubes** from ice maker (some models) drop into ice bucket.

Ice auger (Ice 'N' Water™ Dispenser models) hums as auger agitates ice during dispensing. Ice auger is located in freezer door.

Ice maker water valve hookup (some models) 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. Water valve hookup is located in back, bottom, left hand corner.

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 Deepfreeze® control is on.
- Confirm refrigerator is plugged in.
- Check fuse or circuit breaker. Plug in another item at that wall outlet.
- Wait 40 minutes to see if refrigerator restarts. If Deepfreeze® control is on, lights work but 2 fans and compressor are not operating, refrigerator may be in defrost cycle.

Refrigerator still won't operate.

- Unplug refrigerator. Transfer food to another unit or place dry ice in Deepfreeze® 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 Fresh Food or Deepfreeze® temperature.
- Check gaskets for proper seal.
- Clean condenser coils.
- Adjust Fresh Food and/or Deepfreeze® control.
- Confirm rear air grille is not blocked. Rear air grille is located behind left garden fresh crisper.

Chiller fresh system temperature is too warm.

- Slide control to colder setting.
- Adjust Deepfreeze® control to colder setting.

Food temperature is too cold.

- Clean condenser coils.
- Adjust Fresh Food control.
- Adjust Deepfreeze® control 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 Fresh Food or Deepfreeze® temperature.
- Clean condenser coils.
- Adjust Deepfreeze® control.
- 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.

Energy Tips

Garden Fresh™ crispers or Chiller Fresh™ system does not close freely.

- 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 copper or plastic tubing. Remove kinks or replace tubing.
- Check electrical connections to water valve coil and connector block on refrigerator cabinet.
- Confirm Deepfreeze® section is operating at proper temperature.

Ice cubes have an odor.

- See “Odor Removal” instructions in “Care and Cleaning” section.
- Discard ice and clean ice bucket or trays more frequently. Ice cubes are porous and absorb odors easily.

Ice cubes stick together or ‘shrink’.

- Empty ice cube bucket or trays 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 recommends using copper tubing to connect household plumbing to refrigerator. Do not use self-piercing valve. Amana is not responsible for property damage due to improper installation or water connection.**

This refrigerator is designed to be one of the most energy efficient refrigerators available. 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 Fresh Food, Deepfreeze®, and Chiller Fresh™ system controls no colder than necessary.
- Keep Deepfreeze® section full.
- Keep door gaskets clean and pliable. Replace gaskets if worn.
- Keep condenser coils clean.

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. If an ice maker is installed, move ice maker arm up to off position.

Complete the following steps for long vacations.

1. Empty Fresh Food and Deepfreeze® sections.
2. Unplug refrigerator.
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. If an ice maker is installed, turn water supply to refrigerator off and move ice maker arm up to off position.

Asure™ Service Plan

Amana is pleased to offer long-term service protection on this new refrigerator. Asure™ Extended Service Plan is specially designed to supplement Amana's strong warranty. Asure™ provides budget-protecting coverage on refrigerator that includes parts, labor and travel charges. A participating Amana dealer has details, or call Asure™ department at 1/800-528-2682.

Warranty

Full One Year Warranty

Full Five Year Warranty on Sealed System Components and Food Compartment Liner

First Year

Amana will repair or 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 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.
- Applies to product used within the United States or in Canada if product has Canadian Standards Association listing when shipped from the factory.
- Service must be performed by an **authorized** Amana technician.

Warranty Is Void If

- 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, shipping and handling, or other conditions beyond the control of Amana.
- Product is improperly installed or used.

Owner's Responsibilities

- 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.

In no event shall Amana be liable for incidental or consequential damages including food loss*

*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.

