

Imperial

Side-by-Side Refrigerator

Owner's Manual

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Electrical Requirements

⚠ Recognize this symbol as a safety precaution.

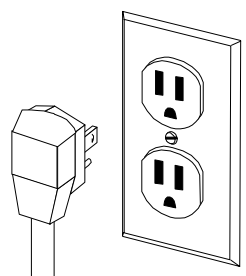
⚠ WARNING

To avoid electrical shock which can cause severe personal injury or death do not 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.

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

Electrical Grounding Instructions — This refrigerator is equipped with a three-prong (grounding) plug for protection against possible shock hazards. If you encounter a two-prong receptacle, 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.



Model Identification

Thank you for purchasing this Imperial® refrigerator. Please read this Owner's Manual thoroughly. This manual provides proper maintenance information.

When contacting Broich Enterprises, Inc., 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: _____

Service

Keep a copy of sales receipt for future reference or in case warranty service is required. Any questions or to locate an authorized servicer, call 612-941-2270 Monday through Friday, 8:30 AM through 4:30 PM CST. Warranty service must be performed by an authorized servicer. Broich Enterprises, Inc., also recommends contacting an authorized servicer if service is required after warranty expires.

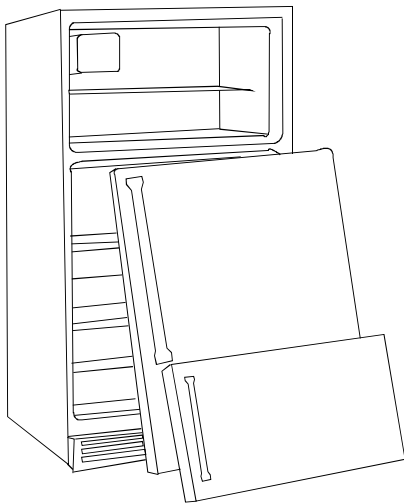
DANGER

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 discard an 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.



Installation Instructions

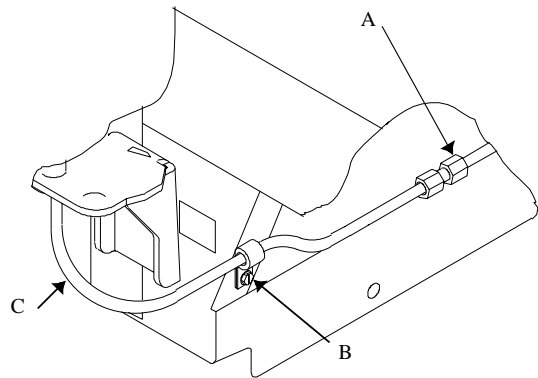
Proper installation will ensure this refrigerator operates most efficiently. Broich Enterprises, Inc. cannot be responsible for improper installation.

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. Loosen plastic water tube union nut. Pull water tube away from union nut and through tube clamp.



- A. Plastic water tube union nut
- B. Water tube clamp screw
- C. Water tube

Front water line disconnect

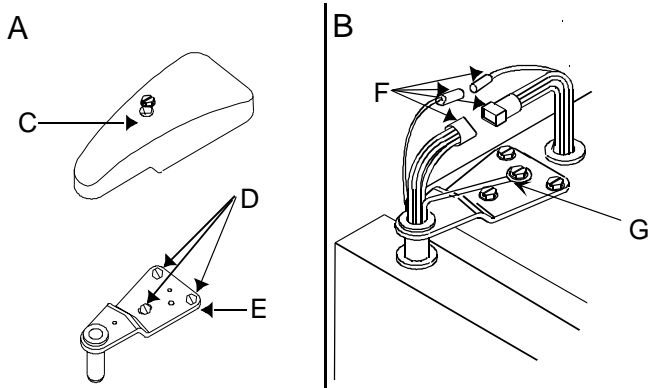
- Remove top hinge covers. (A below)

WARNING

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

d. Dispenser Models

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. Green ground wire

Top hinge removal

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–g. Use a dime at top of doors to space doors $\frac{3}{4}$ " (18 mm) from cabinet.

2. Install Water Filtration Cartridge

- a. Remove bypass cartridge from water filter head in rear right corner of refrigerator section. Twist cartridge counterclockwise $\frac{1}{4}$ turn and pull down to remove. Save bypass for use at a later date.
- b. See *Water Filtration System Installation and Operating Instructions* provided with water filter cartridge for filter installation and operation.

3. 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.
- If water filter will be installed, water pressure to water valve must be a minimum of 35 pounds per square inch.
- Tighten nut by hand to avoid cross threading. Finish tightening nuts with pliers and wrenches. Do not overtighten.
- Check for water leaks and correct if necessary before returning refrigerator to normal location and 24 hours after connecting.

Important

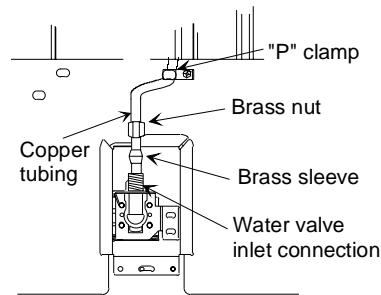
- Before connecting water supply, contact a plumber to connect copper tubing to household plumbing in compliance with local codes and ordinances.
- A self-piercing or $\frac{3}{16}$ " (4.8 mm) saddle valve is not recommended. Both reduce water flow, become clogged with time and may cause leaks if repair is attempted. The correct type of shut off valve requires a $\frac{1}{4}$ " (6 mm) 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

Water supply line 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.**

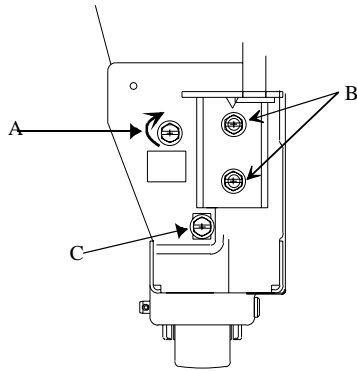
4. Plug in power cord.

5. Move refrigerator into final location.

6. Stabilize refrigerator and align doors.

If refrigerator rocks or is not stable on floor perform the following:

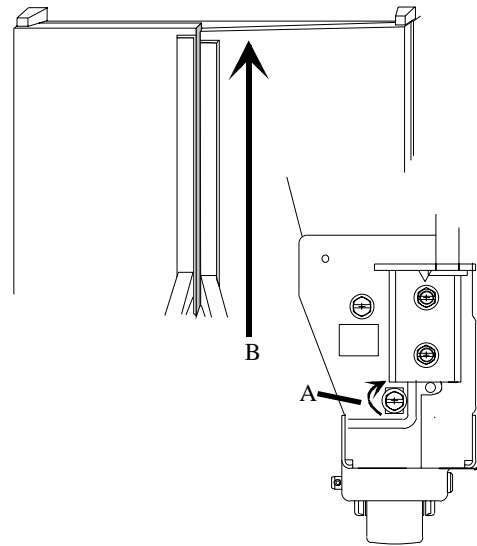
- Determine which rear corner is rocking.
- Remove toe grille to gain access to roller adjustment screws.
- Turn rear roller adjustment screw clockwise to raise corner that is rocking.



- A. Rear roller adjustment screw
 B. Door hinge screws
 C. Front roller adjustment screw

Stabilizing refrigerator

- Check alignment of top of doors. If doors are level replace toe grille.
- If tops of doors are not level perform the following steps:
- Determine which door must be raised (if toe grille has not been removed, remove at this time).
 - Turn front roller adjustment screw clockwise to raise front corner of door that needs to be raised. Roller adjustment screw should be turned until doors are level.
 - Replace toe grille.



- A. Turn roller adjustment screw clockwise to raise door.
 B. Continue to turn screw clockwise until doors are level.

Leveling doors

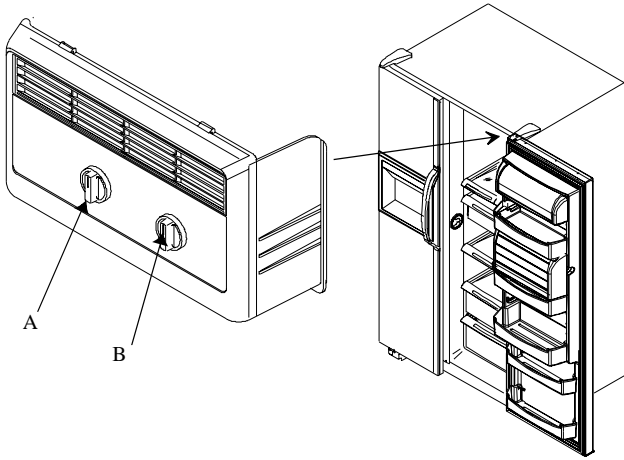
7. Review "Installation Checklist" at back of manual.

Controls

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

Refrigerator and Freezer Controls

Refrigerator and freezer controls are located on upper rear wall of refrigerator section.



A. Freezer control
B. Refrigerator control

Controls

When freezer control is set to *off*, neither refrigerator nor freezer sections will cool. Initially, set both controls to 4. Wait 24 hours for refrigerator and freezer sections to reach desired temperatures. 1 is warmest setting and 7 is coldest.

Setting Controls

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

Put thermometer snugly between frozen packages in freezer section. Wait 5–8 hours. If freezer temperature is not 0°–2°F (-17°–-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°–40°F (3°–4°C), adjust control, 1 number at a time. Check again after 5–8 hours.

Refrigerator Features



CAUTION

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

Refrigerator Shelves

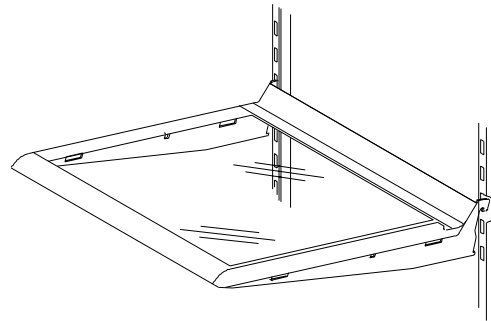
Model features glass shelves. Shelves adjust up or down to meet individual storage needs. Shelves hold simple spills for easier cleaning.



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.



Shelves

Deli Fresh Drawer

- 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.

Crisper Drawers

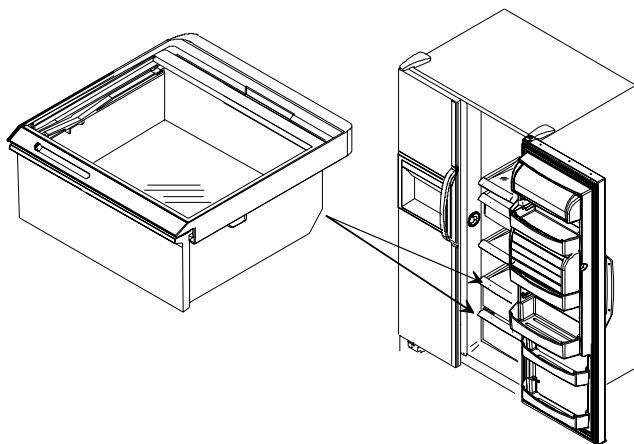
Crisper drawers keep produce fresh longer. Wrap produce tightly. Do not wash produce before placing in crispers. Excess moisture could cause produce to spoil prematurely. Do not line crispers with paper towels. Paper towels will retain moisture.

Crisper drawer 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.



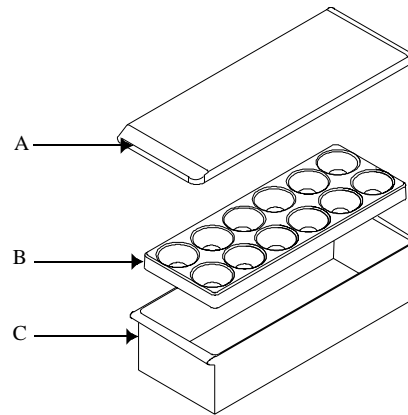
Crisper Drawer

Remove crispers by completing the following steps.

1. Remove crisper drawer by pulling out then lifting front upward.
2. Remove crisper shelf by lifting front of shelf while supporting underneath then pulling out.
3. Replace crispers and shelf by reversing steps 1–2.

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.



A. Lid
C. Storage bucket

B. Egg tray

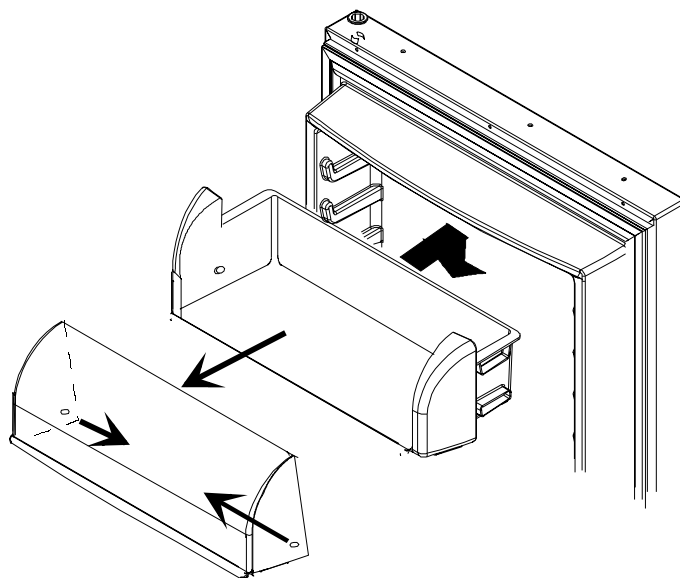
Storage Bucket

Dairy Center

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

Dairy Center is adjustable to accommodate storage needs. Dairy Center may also be removed for cleaning. To remove Dairy Center perform the following steps:

- Remove Dairy Center cover by opening cover. Push cover inward at pivot points and pull cover out. Lift Dairy Center up and pull out to remove.
- Replace Dairy Center by reversing procedure.

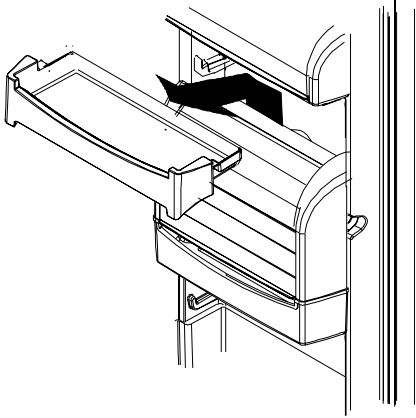


Dairy Center

Snack Shelf

Snack shelf provides convenient storage for small items and snacks.

To remove snack shelf lift up and pull out. Replace snack shelf by sliding in above desired support rail and pushing down into place.

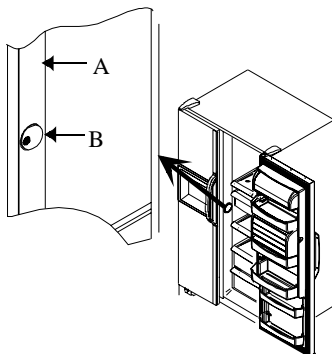


Snack Shelf

Beverage Chiller Compartment

Beverage Chiller Compartment keeps beverages up to 5°F (3°C) colder than refrigerator section. Air inlet allows air from freezer section to pass to beverage chiller. Air inlet is located on interior wall of refrigerator door.

The compartment control is located on left front wall of refrigerator section. Control adjusts amount of air circulating in beverage chiller. Turn control to *cold** for normal refrigerator temperature and to *colder*** for colder temperature.



A. Refrigerator section left front wall
B. Temperature control

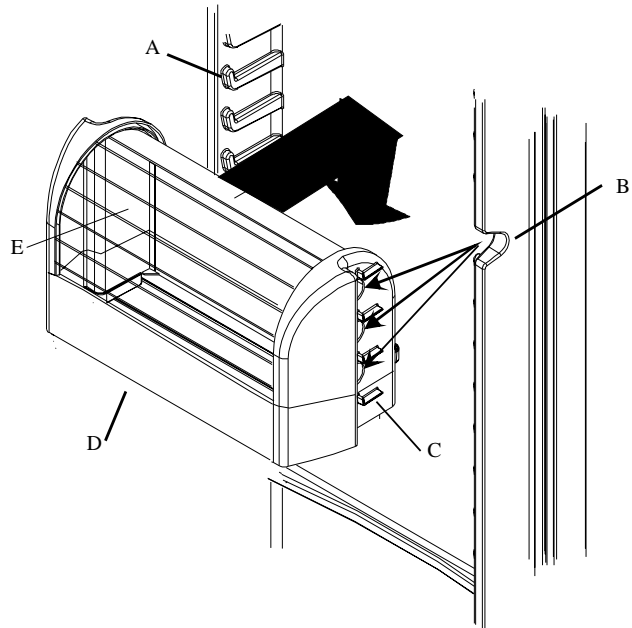
Beverage Chiller Compartment control

Beverage Chiller Compartment position is adjustable to accommodate storage needs. It may also be removed for cleaning. To remove Beverage Chiller Compartment perform the following steps:

- Grasp Compartment by sides lift up and pull out to remove.
- To replace, slide Compartment between desired shelf rails in door liner and push down into place.
- If door track is cleaned, door track must be lubricated with petroleum jelly for proper operation of chiller door.

Important

For proper operation of Beverage Chiller Compartment, one of the 3 cold air intake holes must line up with notch in right door dike.



- A. Door liner shelf rail
- B. Notch in door dike must line up with one of Beverage Chiller Compartment cold air intake holes.
- C. Flange
- D. Beverage Chiller Compartment
- E. Beverage Chiller Door track

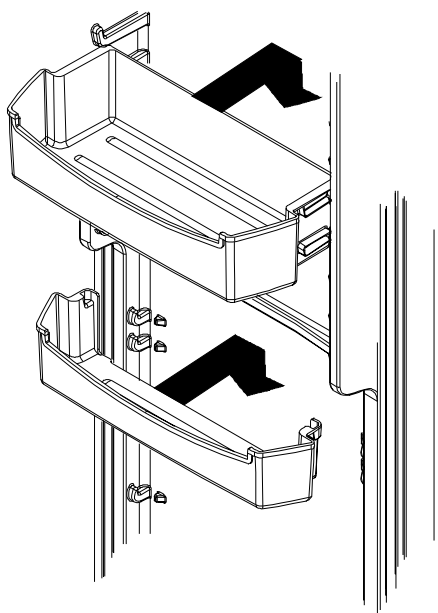
Beverage Chiller Compartment

Door Buckets and Shelves

Door buckets adjust to meet individual storage needs.

- Remove door buckets by pushing bucket up and pulling out.
- Replace door buckets by sliding bucket in between shelf rails and pushing door bucket down into place.

Freezer Features



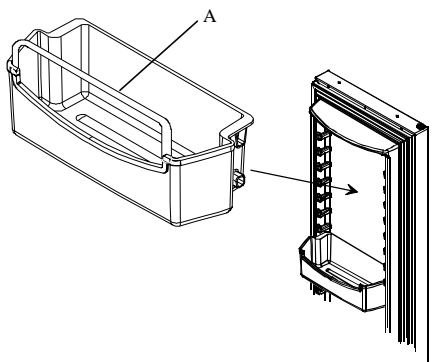
Door Buckets

Tall Package Retainer

Tall package retainer keeps tall items secure. Retainer fits in any door bucket. Tall package retainers in refrigerator door shelves are adjustable for two different heights.

To install, insert tall package retainer in holes in each side of door bucket or shelf front.

- Install tall package retainer with knobs on retainer facing outward for tall setting.
- For lower setting, install tall package retainer with knobs on retainer facing inward. Knobs slide into slots in retainer holes on inside front of bucket.



A. Tall package retainer

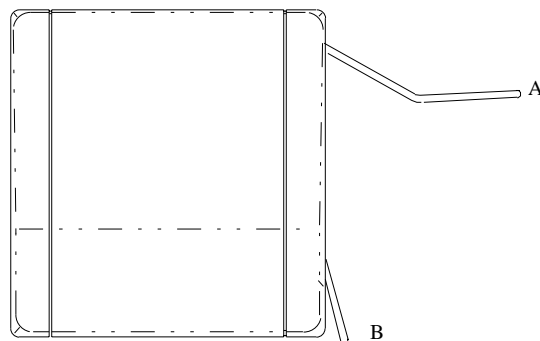
Tall package retainer installation

CAUTION

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

Automatic Ice Maker

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



A. Off position

B. On position

Ice maker operation

- 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 7–9 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 nonuse.
- 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:

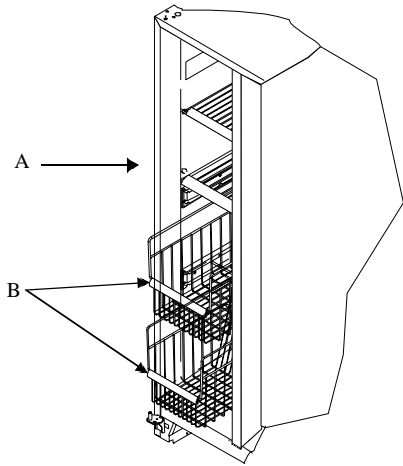
- Do not force ice maker arm down or up.
- Do not place or store anything in ice storage bucket.

Ice and Water Dispenser

Freezer Shelves

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

- Remove baskets by pulling out and lifting. Replace baskets by placing baskets on side rails, slide baskets right and back until round knob is behind stop on rail.
- Remove shelf by lifting right side of shelf out of clips and pulling out of left side mounting holes. Reverse procedure to reinstall shelf.



A. Wire shelves

B. Wire baskets

Freezer baskets and shelf

CAUTION

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

- Do not operate dispenser with freezer 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 pressing dispenser bar before water dispenses after initial connection of water supply. Discard first 10–14 containers of water after initially connecting refrigerator to household water supply and after extended periods of nonuse.

- 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

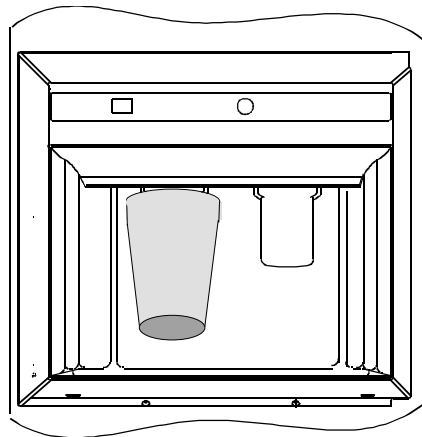
CAUTION

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.

Important

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



Cup placement in dispenser

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

Dispenser Light

A light is activated when dispensing ice or water.

Taste and Odor

Observe the following to minimize taste and odor difficulties:

- Wrap foods in tightly sealed containers or moisture proof bags.
- Contact local water treatment company for specialized help if difficulties persist.
- See *Water Filtration System Installation and Operating Instructions* for replacement procedure.

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 crisper drawers 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.

If odor was still not eliminated, contact dealer.

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. Keep gaskets clean at all times. Clean door gaskets thoroughly every 3 months according to "General" instructions.
2. Apply a light film of petroleum jelly to hinge side of door gasket 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



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.

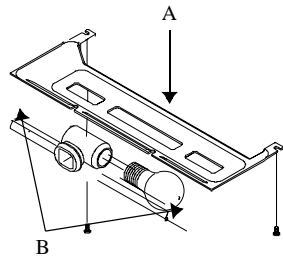
CAUTION

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

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

Refrigerator section

- Remove light bulb cover by removing $\frac{1}{4}$ " (6 mm) hex nut screws. Replace bulb with 40-watt appliance bulb.
- Replace light bulb cover by replacing $\frac{1}{4}$ " (6 mm) hex nut screws.

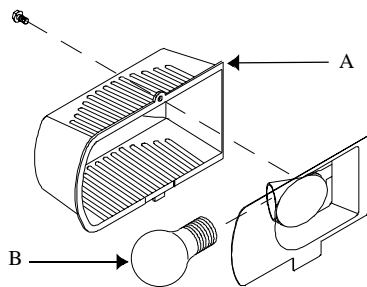


A. Light bulb cover
Refrigerator light bulb removal

B. Light bulb

Freezer 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

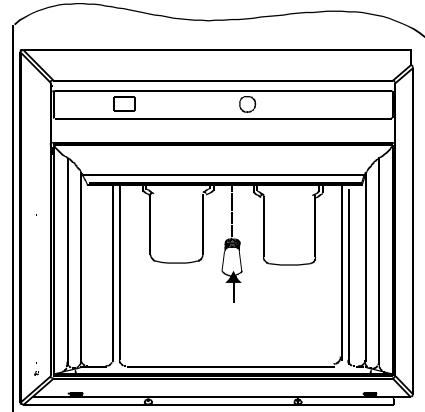
B. Light bulb

Freezer section light bulb removal

Ice and Water dispenser

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.



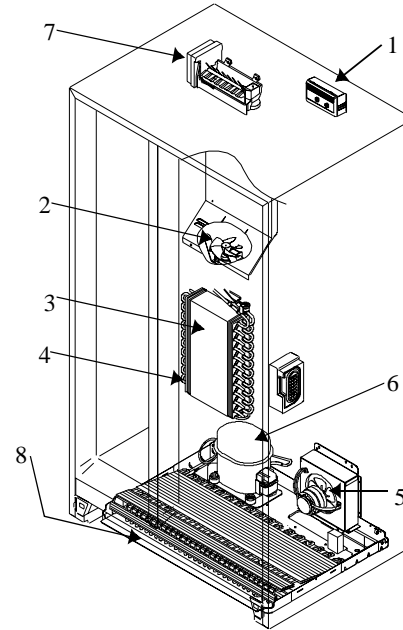
Dispenser light bulb replacement

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. **Freezer control** clicks when starting or stopping compressor.
2. **Freezer 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.
8. **Defrost heater** sizzles, hisses or pops.
Ice auger (Ice 'N' Water™ Dispenser models) hums as auger agitates ice during dispensing. Ice auger is located in freezer door. (not shown)
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. Water valve hook up is located in back, bottom, left hand corner. (not shown)

Foam insulation is very energy efficient and has excellent insulating capabilities. However, foam insulation is not as sound absorbent as previously used fiberglass insulation. (not shown)



Sound location

Before Calling For Service

Refrigerator does not operate.

- Confirm freezer 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 freezer 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 freezer section to preserve food.
Warranty does not cover food loss. Check warranty certificate for specific coverage.
- Call **612-941-2270** to locate an **authorized** servicer.

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.
- Clean condenser coils.
- Adjust refrigerator and/or freezer control.
- Confirm rear air grille is not blocked. Rear air grille is located behind garden fresh crisper.

Food temperature is too cold.

- Clean condenser coils.
- Adjust refrigerator control.
- Adjust freezer control to warmer setting. Allow several hours for temperature to adjust.
- One of 3 cold air intake holes in beverage chiller component is not aligned with notch in right side door dike.

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.
- Clean condenser coils.
- Adjust freezer 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.

Water droplets form on outside of refrigerator.

- Check door gaskets for proper seal.

Crisper drawers do 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 freezer 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. **Manufacturer recommends using copper tubing to connect household plumbing to refrigerator. Do not use self-piercing valve. Manufacturer is not responsible for property damage due to improper installation or water connection.**

Energy Tips

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°–110°F (13°–43°C) away from heat sources and direct sunlight.
- Set refrigerator and freezer controls no colder than necessary.
- Keep freezer 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 refrigerator and freezer 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.

Warranty

Refrigerator

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

First Year

Broich Enterprises Inc. will repair or replace, free of charge, any part which is defective due to workmanship or materials.

Second through Fifth Year

Broich Enterprises Inc. 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 appropriate agency listings when shipped from the factory.
- Service must be performed by an authorized Imperial® servicer.

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 alteration, connection to an improper electrical supply, shipping and handling, accident, fire, flood, lightning, or other conditions beyond the control of Broich Enterprises Inc.
- 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 servicer's normal business hours.
- Pay for service calls related to product installation.

In no event shall Broich Enterprises, Inc. 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.

Any questions regarding the above or to locate an authorized servicer, contact:

Broich Enterprises, Inc.
6440 City West Parkway
Eden Prairie, MN 55344
612-941-2270
Monday through Friday
8:30 a.m. through 4:30 p.m.
Central time

Installation Checklist

Consumer **Installer**

- | | | |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Doors |
| <input type="checkbox"/> | <input type="checkbox"/> | Doors are aligned with top and side edges of refrigerator cabinet. |
| <input type="checkbox"/> | <input type="checkbox"/> | Doors seal completely to refrigerator cabinet. |
| <input type="checkbox"/> | <input type="checkbox"/> | Handles are solidly attached to doors. |
| <input type="checkbox"/> | <input type="checkbox"/> | Ice and Water Dispenser Models |
| <input type="checkbox"/> | <input type="checkbox"/> | If doors were removed to install refrigerator, top hinge wire connectors are reconnected. |
| | | |
| <input type="checkbox"/> | <input type="checkbox"/> | Leveling |
| <input type="checkbox"/> | <input type="checkbox"/> | Refrigerator is level side to side. |
| <input type="checkbox"/> | <input type="checkbox"/> | Toe grille is properly attached to refrigerator. |
| | | |
| <input type="checkbox"/> | <input type="checkbox"/> | Ice Maker |
| <input type="checkbox"/> | <input type="checkbox"/> | Water supply to refrigerator is turned on. |
| <input type="checkbox"/> | <input type="checkbox"/> | Water leaks are not present at the following connections: <ul style="list-style-type: none"> • Household water supply • Ice and Water Dispenser Models Bottom of freezer door if doors were removed to install refrigerator |
| <input type="checkbox"/> | <input type="checkbox"/> | (After 24 hours, consumer should check connections for water leaks.) |
| <input type="checkbox"/> | <input type="checkbox"/> | Ice maker arm is in on position for ice production. (It may take up to 24 hours for first harvest of ice.) |
| | | |
| <input type="checkbox"/> | <input type="checkbox"/> | Product Literature |
| <input type="checkbox"/> | <input type="checkbox"/> | Owner's manual is reviewed including the following information: <ul style="list-style-type: none"> • Refrigerator and Freezer controls • Crispers Drawers • Normal Operating Sounds |

Notes _____

 Consumer's Signature Installer's Signature Installer's Company Name/Phone Number Date



