

JENN-AIR BOTTOM FREEZER REFRIGERATOR



USER GUIDE

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INSTALLATION INSTRUCTIONS

These instructions were provided to aid you in the installation of your refrigerator.

MEASURING THE OPENING

A 1/2" of air space should be provided for the back of the unit to allow for the power cord and water line. When installing your unit, measure carefully.

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

Some clearance may be gained by using the leveling procedure on page 9.

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

TRANSPORTING YOU REFRIGERATOR

Follow these tips when moving the unit to final location:

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

SELECTING THE BEST LOCATION

- Allow for a free flow of air through the front base grille.
- Install the refrigerator where the room temperature will not go below 55° F. With temperatures below 55° F, the refrigerator will not run frequently enough to maintain proper temperature in the freezer.
- Locate the refrigerator away from heat producing appliances such as the range or dishwasher, heat vents and direct sunlight.
- A minimum of 1/2" clearance is required at the back. Allow 1/2" at the sides for ease of installation. If refrigerator is placed with the door hinge side against a wall, you may want to allow additional space.
- Use caution when installing the refrigerator on vinyl or hardwood floors so as not to mark or otherwise damage the flooring. A piece of plywood, a rug or other material should be used to protect the floor while positioning the refrigerator.

HOW TO REMOVE THE DOOR AND HINGES

Some installations require door removal to transport refrigerator to its final location.

To remove drawer, see instructions on page 7.

⚠ WARNING:

To avoid electrical shock which can cause severe personal injury or death, observe the following:

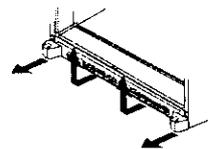
➤ Disconnect power to refrigerator before removing doors. Connect power only after replacing doors.

⚠ CAUTION:

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

1. Unplug power cord from power source.

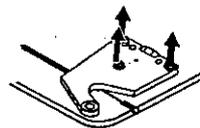
2. Remove toe grille and bottom bracket covers.



3. Remove the top trim of fresh food door with Phillips screwdriver.

• Retain screws and trim for replacement.

4. Unscrew 3/16" hex head screws from top hinge to remove hinge.



• Retain all screws for later use.

5. Lift refrigerator door from center hinge pin.

6. Remove center hinge pin with a 3/16" hex nut driver.

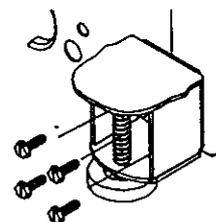
• Retain hinge pin for later use.

7. Remove Phillips screws to remove center hinge.

• Retain all screws for later use.

8. Remove both stabilizing brackets with 3/16" hex head driver.

• Retain screws for later use.



HOW TO REVERSE REFRIGERATOR DOOR

Note:

When working directly on door, lay the interior side of the door down flat, nonabrasive surface. If using a floor or table, prepare working surface with rugs or towels to avoid damage to door finish.

DOORS WITH TRIM AND PANELS

1. Perform all steps listed in **How to Remove the Door and Hinges**.

2. Perform removal steps listed in **How to Remove and Install Handles**.

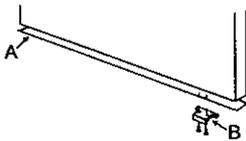
3. Transfer cabinet plugs and screws to opposite side of cabinet.



4. Remove plugs with flat blade of screw driver wrapped in masking tape.

5. Remove center mullion screws with $\frac{1}{8}$ " hex head driver.

6. Locate door stop (B) and door cap (A) on bottom edge of fresh food door. Remove with a Phillips screwdriver.

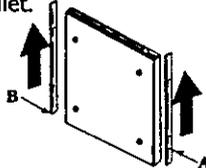


• Retain all items for later replacement.

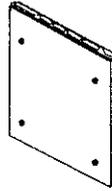
WARNING:

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

7. Remove side door trim (A) and handle side trim (B) from door by tapping bottom edges upward with a soft rubber mallet.

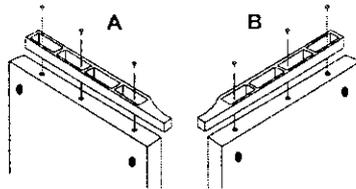


• Trim will slide up approximately $\frac{1}{4}$ " and release from door.

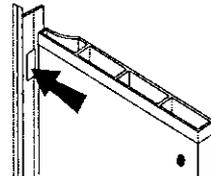


8. Rotate door panel 180° and tape in place.

9. Remove top door extension with $\frac{1}{4}$ " hex head driver. Flip door extension (A) so notched corner turns in toward interior of door (B).



10. Retrieve alternate side door trim shipped with refrigerator. Install trim by aligning notches of trim with metal mounting tabs on side of door.



• Slide trim down until piece locks into place.

• Tap top of trim with rubber mallet to insure snug fit.

• Repeat same procedure to install handle side trim removed in step 7.

11. Replace bottom door cap (A) removed in step 6. Install door stop (B) on opposite side of door.



12. Remove tape from panels.

13. Proceed to next column to reinstall handle.

HOW TO INSTALL AND REMOVE HANDLES

In some cases, handles may need to be removed to transport unit through tight spaces, reverse doors, or install panels.

Some models may come with handles shipped separate from the refrigerator door.

INSTALLING HANDLES

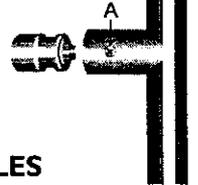
1. Retrieve handle from shipping material (some models).

2. Locate handle mounting posts on face of door.



3. Position handle over mounting posts.

4. Tighten set screws (A) with a $\frac{1}{2}$ " Allen wrench.



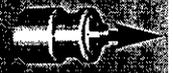
REMOVING HANDLES

1. Locate set screws in handle and loosen set screws with a $\frac{1}{2}$ " Allen wrench.

2. Lift handle from handle mounting posts to remove.

Note:

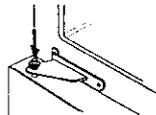
In cases of door reversal panel installation, on panel removal, the mounting posts must be removed. Use a $\frac{1}{4}$ " hex head driver to remove the post from the door.



INSTALLATION INSTRUCTIONS, CONT.

HOW TO REPLACE THE DOOR AND HINGES

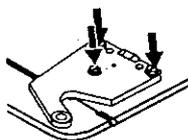
1. Install center hinge with Phillips screws.
2. Install stabilizing brackets with $\frac{3}{8}$ " hex head screws.
3. Replace center hinge pin.
4. Place hinge side of refrigerator door on center hinge pin.



Note:

If fresh food door is being reversed, install alternate top hinge from literature assembly.

5. While holding refrigerator door upright, tighten down top hinge with $\frac{3}{16}$ " hex head driver.



6. Install top door trim of fresh food door with a Phillips screwdriver.

HOW TO INSTALL AND REMOVE PANELS

(SOME MODELS)

WARNING:

To avoid personal injury or property damage, fresh food panel should not weigh more than 30 lbs (14 kgs) and freezer panel should not weigh more than 15 lbs (7 kgs).

TO INSTALL PANELS:

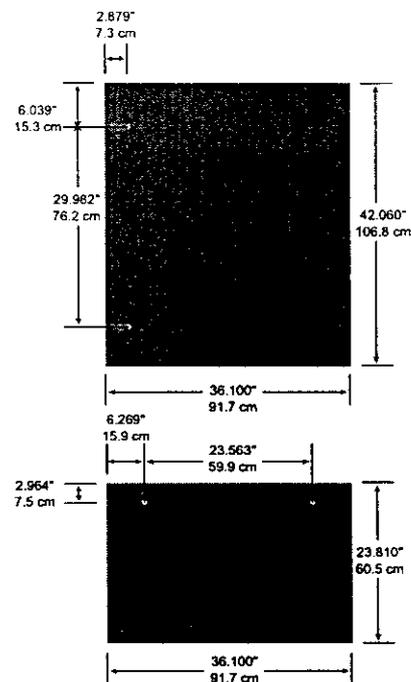
1. Perform the handle removal instructions in **How to Install and Remove the Handles**, including instructions to remove mounting posts from door face.
2. Remove top door trim.
3. Remove handle side door trim.
4. Slide panel in the handle side of door, by using grooves provided by bottom door cap and side door trim.
5. Replace mounting posts, handles, and trim.

TO REMOVE PANELS:

1. Perform the handle removal instructions in **How to Install and Remove the Handles**, including instructions to remove mounting posts from door face.
2. Remove top door trim.
3. Remove handle side door trim.
4. Slide panel out the handle side of door.

WHAT IF I AM INSTALLING RAISED PANELS?

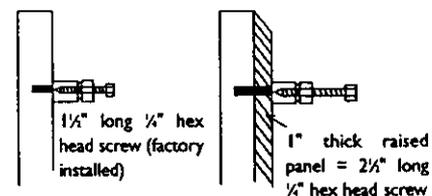
Please see recommended dimensions for paneling. All panel holes are $\frac{1}{4}$ " diameter.



HOW DO I MOUNT HANDLES ON RAISED PANELS?

The refrigerator is shipped with the handle mounting posts attached to the door with $\frac{1}{4}$ " hex head screw that is approximately $1\frac{1}{2}$ " long. This length is necessary to safely secure the mounting post to the door.

If handles are being mounted to a raised surface, the factory supplied hex head screws will have to be replaced with a longer version. To determine how long the replacement screw must be, add the thickness of the raised panel to the $1\frac{1}{2}$ " measurement. See example below.



HOW TO REMOVE AND INSTALL THE PULLOUT DRAWER

⚠ WARNING:

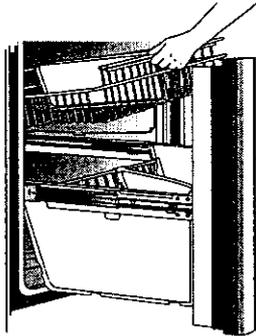
To avoid electrical shock which can cause severe personal injury or death, disconnect power to refrigerator before removing doors. After replacing doors, connect power.

⚠ CAUTION:

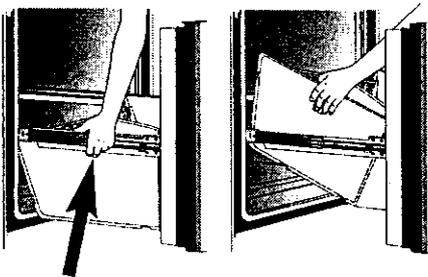
To avoid possible injury, product, or property damage, you will need two people to perform the following instructions.

To remove:

1. Pull upper basket out to full extension and lift out to remove.

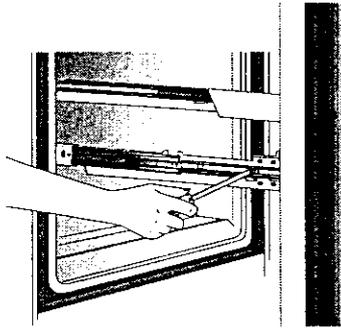


2. Remove lower basket by pressing inward on basket sides, then lift basket.

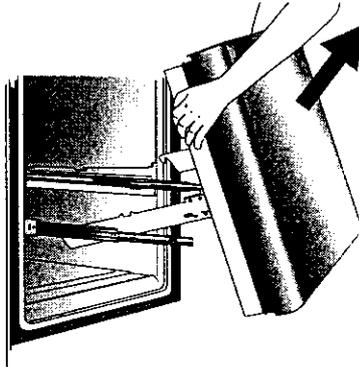


Press Tab Here

3. Pull drawer open to full extension.
4. Remove Phillips screw from each side of rail system. (Some models)

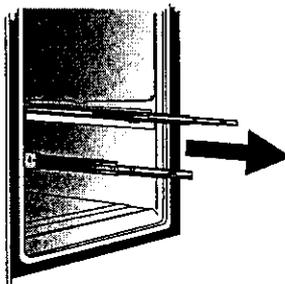


5. Lift top of door to unhook door supports from rail system. Lift door out to remove.

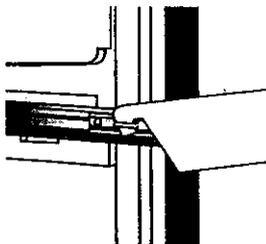


To install:

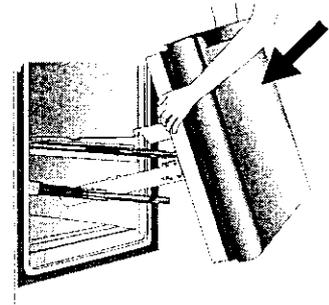
1. Pull both rails out to full extension.



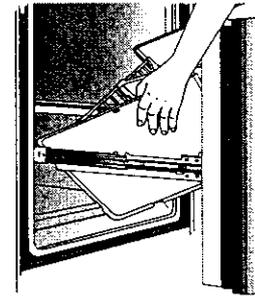
2. While supporting door, hook door supports into tabs located on inside of rail.



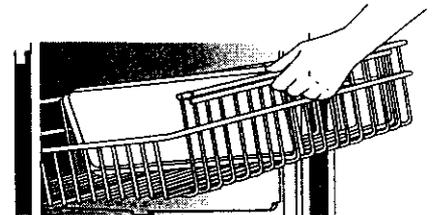
3. Lower door into final position.
4. Replace and tighten Phillips screws that were removed from each side of rail system.



5. With drawer pulled out to full extension, insert lower basket by aligning tabs on both sides of lower basket with notches in rail assembly. Verify that the basket sides are hooked securely over the rails.



6. Slide upper basket into freezer. Make sure that rear of basket hooks behind rail catch.



INSTALLATION INSTRUCTIONS, CONT.

HOW TO CONNECT THE WATER SUPPLY

⚠ WARNING:

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

- Read all instructions before installing device.
- DO NOT attempt installation if instructions are not understood or if they are beyond personal skill level.
- Observe all local codes and ordinances.
- DO NOT service device unless specifically recommended in owner's manual or published user-repair instructions.
- Disconnect power to unit prior to installing device.

⚠ CAUTION:

To avoid property damage or possible injury, follow basic precautions, including the following:

- Consult a plumber to connect copper tubing to household plumbing to assure compliance with local codes and ordinances.
- Confirm water pressure to water valve is between 20 and 100 pounds per square inch. If water filter is installed, water pressure to water valve must be a minimum of 35 pounds per square inch.
- DO NOT use a self-priming or 1/2" saddle valve! Both reduce water flow, become clogged with time, and may cause leaks if repair is attempted.
- Tighten nuts by hand to prevent cross-threading. Finish tightening nuts with pliers and wrenches. Do not over-tighten.
- Wait 24 hours before placing unit into final position to check and correct any water leaks.

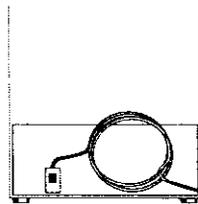
MATERIALS NEEDED

- 1/4" outer diameter flexible copper tubing
- Shut-off valve (requires a 1/4" hole to be drilled into water supply before valve attachment)
- Adjustable wrench
- 1/4" hex nut driver

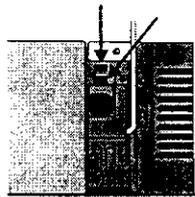
Note:

Add 8' to tubing length needed to reach water supply for creation of service loop.

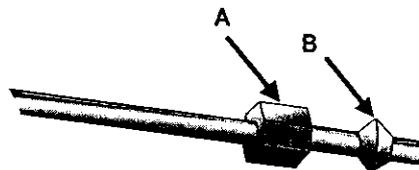
1. Create service loop with tubing using care to avoid kinks in tubing.



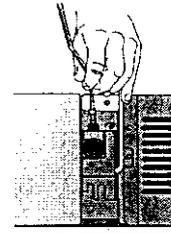
2. Remove plastic cap from water valve inlet port.



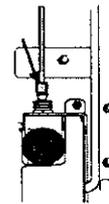
3. Place brass nut (A) and sleeve (B) on copper tube end as illustrated.



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

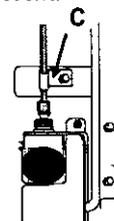


5. Slide brass nut over sleeve and screw nut into inlet port. Tighten nut with wrench.



IMPORTANT: DO NOT over-tighten. Cross threading may occur.

6. Pull on tubing to confirm connection is secure. Connect tubing to frame with water tubing clamp (C) and turn on water supply. Check for leaks and correct, if present.



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

HOW TO LEVEL YOUR REFRIGERATOR

If your refrigerator requires an ice maker water supply connection, complete connection instructions on page 8 before leveling your refrigerator.

⚠ CAUTION:

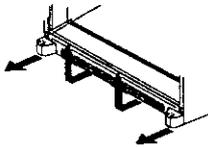
To protect personal property or unit from damage, observe the following:

- > Protect soft vinyl or other flooring with cardboard, rugs or other protective material.
- > Do not use power tools when performing leveling procedure.

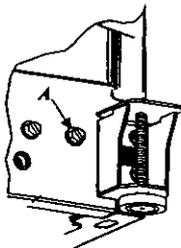
MATERIALS NEEDED

- > 1/8" hex head driver
- > Level

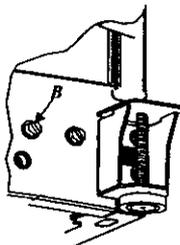
1. Remove toe grille and bottom bracket covers.



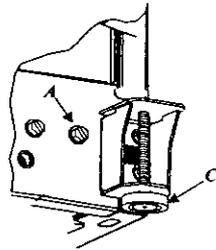
2. Turn both front adjustment screws (A) clockwise to raise and counterclockwise to lower.



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



4. Turn stabilizing legs (C) clockwise until firmly against floor.
5. Turn front roller adjustment screws (A) 2 to 3 times counterclockwise, so that full weight of unit rests on stabilizing legs (C).



6. Using a level, make sure front of refrigerator is 1/4" (6 mm) or 1/2 bubble higher than back of refrigerator. See leveling step 3 for assistance.
7. Replace toe grille and bracket cover(s). See markings on inside of toe grille to insure proper placement.

Snap bottom portion into place first. Press down on top part of grille until top portion snaps into place.