

How to get the best from

Your Icemaker

Use & Care	p2
------------	----

The Problem Solver	p4
--------------------	----

Installation	p5
--------------	----

What's in This Kit	p5
--------------------	----

Other Parts You Need	p5
----------------------	----

Installing the Water Line	p9
---------------------------	----

Use and Care
and
Installation of
UK-KIT-3

For refrigerators
with the freezer
on the bottom

GE Answer Center®
800.626.2000

Installer:
Please leave this book
with the Consumer.

GE Quality Product

49-6430

Use and Care Instructions

For Your Safety

Do not place fingers or hands on the automatic icemaking mechanism while the refrigerator is plugged in. This will help protect you from possible injury. It will also prevent interference with moving parts of the ejector mechanism and the heating element that releases the cubes.

Under certain rare circumstances, ice cubes may be discolored, usually appearing with a green-bluish hue. The cause of this unusual discoloration is apparently a combination of factors such as certain characteristics of local waters, household plumbing and the accumulation of copper salts in an inactive water supply line which feeds the icemaker. Continued consumption of such discolored ice cubes may be injurious to health. If such discoloration is observed, discard the ice cubes and contact the dealer from whom the icemaker or refrigerator was purchased, a Factory Service Center, or an authorized Customer Care® servicer.

SAVE THESE INSTRUCTIONS

How the Icemaker Works

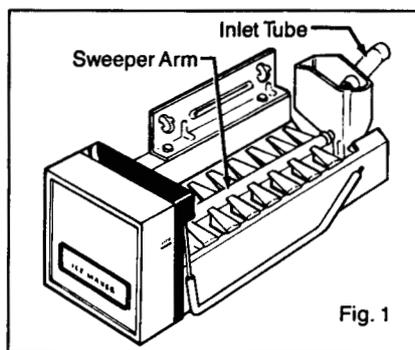


Fig. 1

Water fills the empty cube mold (Fig. 1) when freezer compartment has cooled to freezing temperature. Cold air is forced directly over mold.

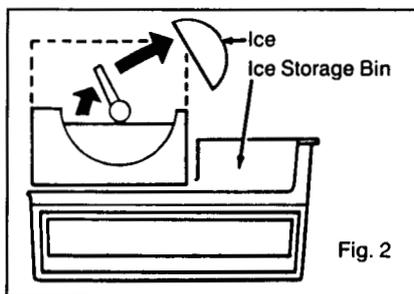


Fig. 2

When frozen, the cubes are rotated up and out of the mold (Fig. 2). The sweeper arm ejects them into the ice storage bin below.

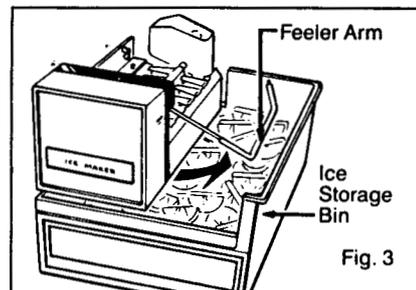
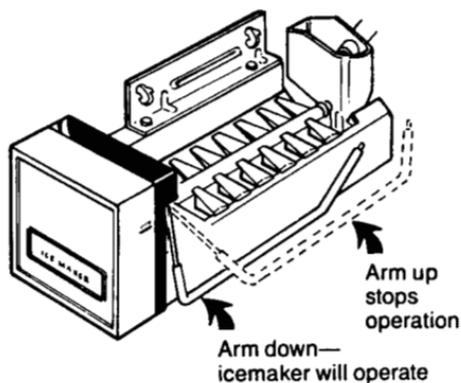


Fig. 3

The feeler arm (Fig. 3) senses when bin is full and signals icemaker to stop ejecting more cubes. However, the mold has been refilled and cubes frozen so the new supply is ready when needed. As soon as ice is removed from the bin, the feeler arm signals that more is needed. Icemaker resumes operation by ejecting ready-and-waiting frozen cubes.

How to Use Your Icemaker



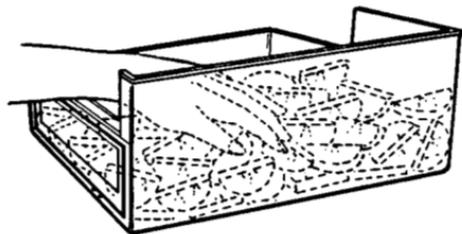
1. To start Icemaker, lower the feeler arm to the ON position. Make sure the ice bin is at the rear of the freezer compartment, below the icemaker.
2. When Icemaker is first connected or after any extended period of non-use, you should discard the first few batches of cubes. Use ice regularly to maintain the best quality.
3. The feeler arm must be free to operate upward and outward over the top of the ice storage bin during each ice-delivery cycle. Make sure packages in the freezer compartment do not interfere with its movement.
4. Raise the feeler arm to the OFF (up) position when:
 - a. Ice storage bin is to be removed for extended period of time.
 - b. Refrigerator is not to be used for a considerable time, such as vacations. Also, turn off the water supply to the Icemaker in this instance.
 - c. Water supply is to be shut off for several hours.
5. During operation, you may hear certain sounds, such as the hum of the motor, movement of the cube ejector, humming or clicking of the water valve, and rattling of ice as it falls into the bin. These sounds are normal.

6. The Icemaker ejects cubes in groups and it is normal for several cubes to be joined together.

7. Ice cubes that have been in the ice storage bin for a considerable length of time may pick up off-flavor tastes, stick together, and gradually become smaller. We suggest that these cubes be thrown away.

8. You may, on occasion, find a few smaller than normal cubes in the bin. This is probably caused by low water pressure at time of water fill, and is no cause for concern.

9. The ice storage bin should be cleaned occasionally in warm water. Rinse and wipe dry. Be sure to shut the Icemaker OFF when cleaning the bin.



10. Keep ice level to keep it coming. If cubes should build up in one area of the ice storage bin after being ejected from the mold, just level them out with your hand. Keep cubes distributed evenly and the bin can reach its maximum cube capacity.



Questions? Use This Problem Solver

PROBLEM	POSSIBLE CAUSE AND REMEDY
ICEMAKER APPEARS TO HAVE STOPPED OPERATING	<ul style="list-style-type: none">• Feeler Arm up in "OFF" position—should be down in "ON" position.• Icemaker not getting necessary supply of water. Make sure water supply is connected and turned on.• Freezer compartment too warm. Turn temperature control to colder setting. (See your refrigerator use and care book.)• Cubes too small. Shutoff valve connecting refrigerator to home water line may be clogged. Unclog it.
WATER OVERFLOWS ICE MOLD	<ul style="list-style-type: none">• Let three or four batches of ice be made. If water still overflows, call for service.
ICE CUBES HAVE ODOR/TASTE	<ul style="list-style-type: none">• Use ice regularly. Discard old cubes. Ice stored for extended periods may absorb odors which affect taste.• Ice storage bin needs to be emptied and washed.• Unsealed packages in refrigerator and/or freezer compartments may be transmitting odor/taste to ice cubes.• Interior of refrigerator needs cleaning—see your refrigerator use and care book.

If you need more help...call, toll free:
GE Answer Center®
800.626.2000
consumer information service

If You Need Service

To obtain service, see your warranty on the back page of this book.

We're proud of our service and want you to be pleased. If for some reason you are not happy with the service you receive, here are three steps to follow for further help.

FIRST, contact the people who serviced your appliance. Explain why you are not pleased. In most cases, this will solve the problem.

NEXT, if you are still not pleased, write all the details—including your phone number—to:

Manager, Consumer Relations
GE Appliances
Appliance Park
Louisville, Kentucky 40225

FINALLY, if your problem is still not resolved, write:

Major Appliance
Consumer Action Panel
20 North Wacker Drive
Chicago, Illinois 60606

UK-Kit-3 Installation Instructions

- Read these instructions all the way through before starting.
- **IMPORTANT: OBSERVE ALL GOVERNING CODES AND ORDINANCES.**
- **Installer**—Be sure to leave these instructions with the Consumer.
- **Consumer**—Keep these instructions with your Use and Care Book for future reference.

CAUTION

For your safety, unplug the refrigerator from its electrical outlet to eliminate danger of electric shock during installation.

TOOLS REQUIRED

- Phillips-type screwdriver
- Blade-type screwdriver
- 1/4" socket and driver

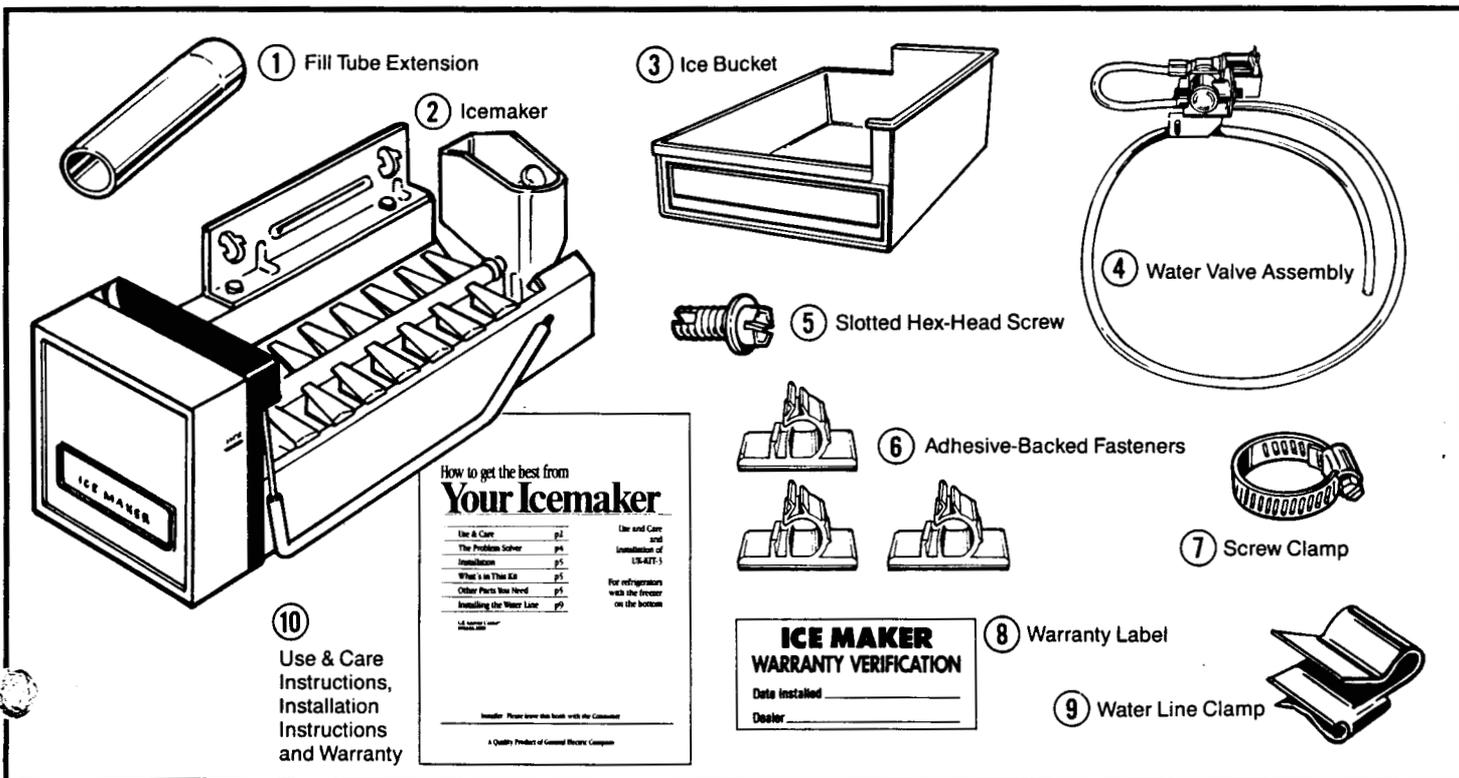
ADDITIONAL MATERIALS YOU WILL NEED

• Copper tubing, shutoff valve and fittings necessary to supply water to your refrigerator. They are not included in UK-KIT-3.

You can purchase a complete water supply kit from your GE or Hotpoint dealer. Recommended water supply kits are:

- Cat. No. WX8X2 with 15 feet of copper tubing.
- Cat. No. WX8X3 with 20 feet.
- Cat. No. WX8X4 with 25 feet.

CONTENTS OF UK-KIT-3



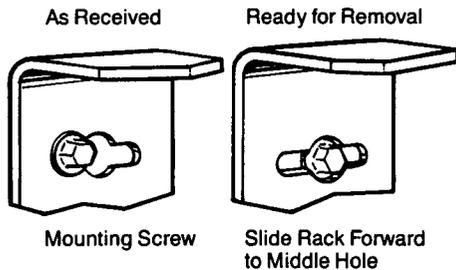
(continued next page)

INSTALL THE ICEMAKER

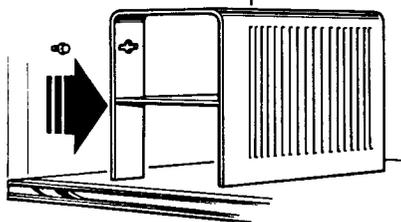
1 REMOVE MANUAL ICE SERVICE RACK (on models so equipped)

On some models, a manual ice service rack is mounted on two screws in the freezer side wall. If your refrigerator has an ice service rack:

a. Remove ice trays and storage bin.



b. Carefully slide ice rack toward front of freezer about 3/8" until screws are in the middle mounting holes.

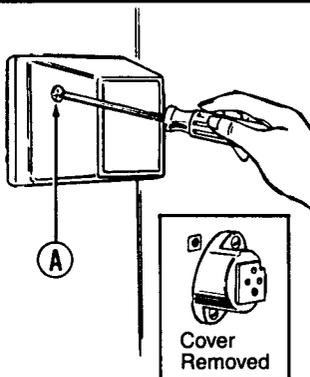


c. Gently pull the ice rack toward the center of the freezer.

d. Remove and discard the screws from the wall.

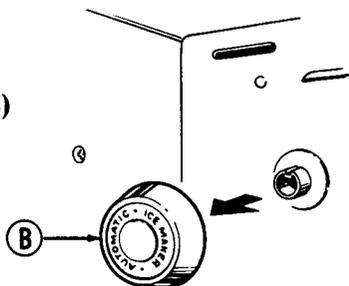
2 REMOVE ELECTRICAL PLUG COVER.

Remove screw (A) that holds the electrical plug cover in place. Discard screw and cover.



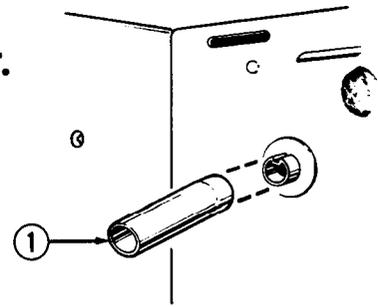
3 REMOVE FILL TUBE COVER.

Remove plastic cap (B) from the water inlet tube and discard cap.

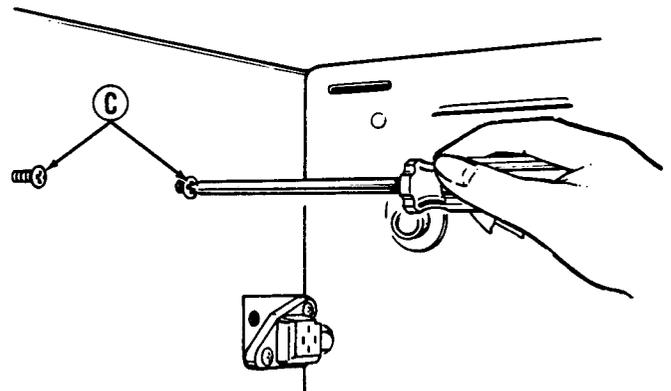


4 ATTACH FILL TUBE EXTENSION TO CABINET.

Slide the fill tube extension (1) onto the inlet tube until it reaches the back wall.

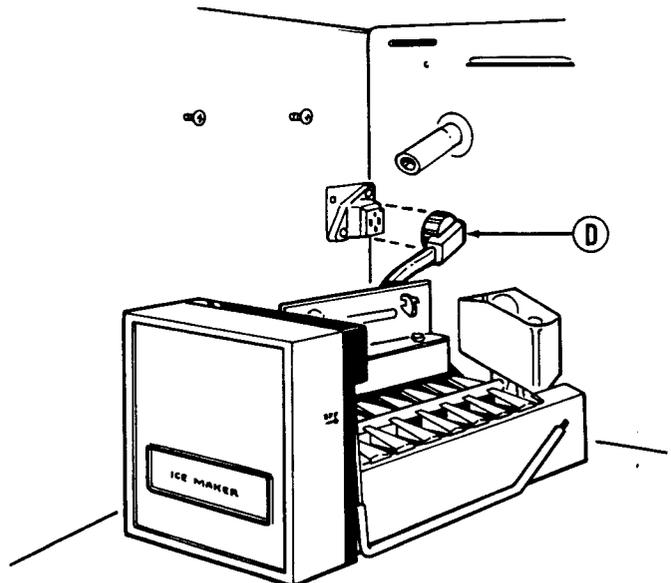


5 LOOSEN ICEMAKER MOUNTING SCREWS.

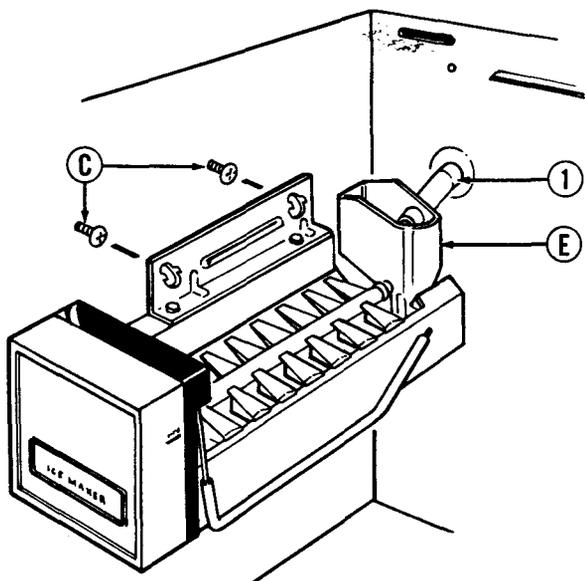


Loosen two screws (C) approximately 1/2". DO NOT REMOVE THE SCREWS.

6 HANG ICEMAKER ON FREEZER WALL.



a. Place icemaker in freezer compartment as shown. Insert icemaker power cord plug (D) into socket on side wall, making sure prongs are matched to corresponding holes and plug is firmly seated in socket.

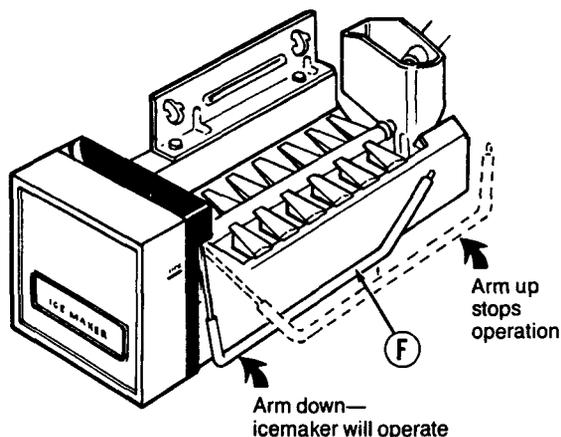


b. Lift the icemaker and position the rear opening of the fill cup (E) over the fill tube extension (1). Hang the icemaker on the two screws (C).

Make sure:

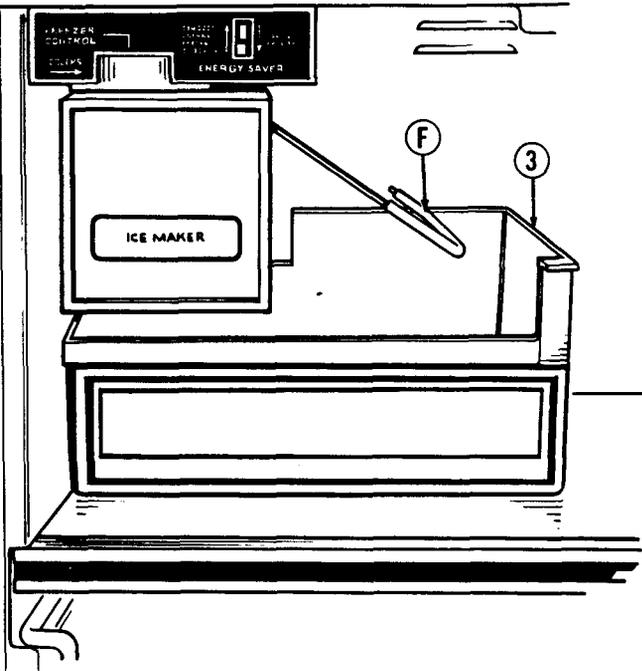
- electrical plug is still firmly in socket.
- fill tube extension (1) is still in fill cup opening.
- icemaker mounting screws are located in uppermost position of mounting slots. THEN **TIGHTEN THE ICEMAKER MOUNTING SCREWS SECURELY.**

7 LIFT ICEMAKER FEELER ARM TO OFF (UP) POSITION.



The icemaker should feel secure when you do so. Leave the feeler arm (F) in the OFF position until the refrigerator is connected to the water supply to prevent premature operation.

8 PLACE ICE STORAGE BIN ON FREEZER SHELF.



Move ice storage bin (3) into place directly under the icemaker.

NOTE: Check again to make sure the icemaker power cord is fully inserted into its socket with prongs matched to corresponding holes.

Check again to make sure the icemaker feeler arm (F) is in the OFF (up) position.

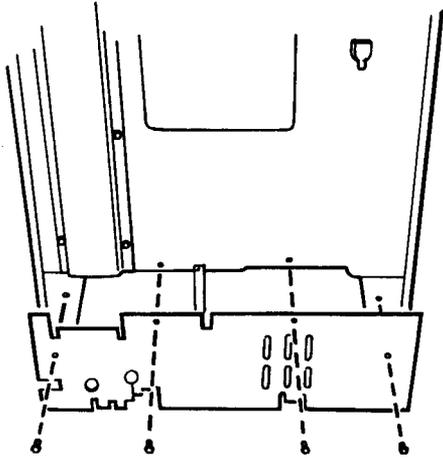
9 APPLY WARRANTY LABEL TO BACK OF REFRIGERATOR.

A label (9) is provided in the kit. On it record the date of installation for warranty purposes.

The icemaker installation is now complete. Refer to the following instructions for connecting the icemaker to the home water supply.

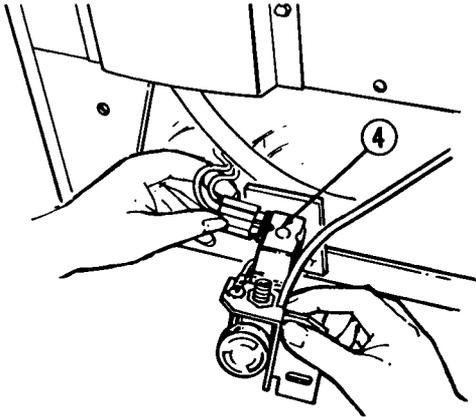
PREPARE THE BACK OF THE REFRIGERATOR

1 REMOVE COMPRESSOR COMPARTMENT ACCESS COVER.



At bottom of rear of refrigerator, remove 4 screws holding compressor compartment access cover and save them for re-installation later. Remove cover and set it aside.

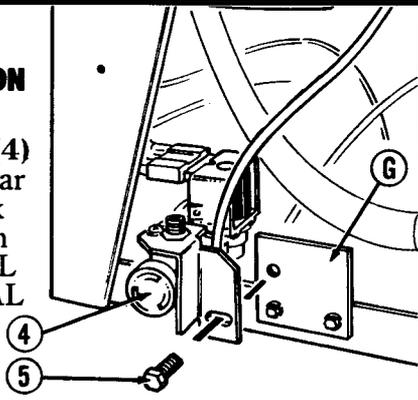
2 CONNECT WATER VALVE TO INTERIOR WIRING.



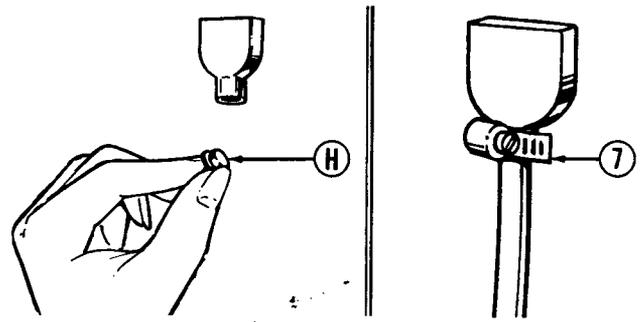
A clamp on the rear rail holds a female electrical plug. Remove the plug from the clamp and connect it to the water valve (4).

3 ATTACH WATER VALVE TO BRACKET ON REAR RAIL.

Fasten water valve (4) to bracket (G) on rear rail with slotted hex head screw (5) from kit. DO NOT DRILL ANY ADDITIONAL HOLES.

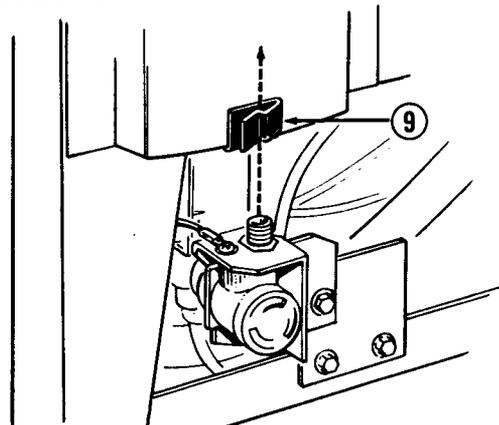


4 ATTACH PLASTIC TUBE TO WATER INLET.



- Remove small plastic cap (H) from bottom of fill tube inlet located on back of refrigerator.
- Slip screw clamp (7) from kit over fill tube inlet as shown. Insert plastic water line into inlet as far as it will go (approximately 1").
- Tighten screw clamp firmly to hold plastic water line in place, but be careful not to restrict water flow.

5 MOUNT COPPER TUBING CLAMP TO REFRIGERATOR.



Push metal clamp (9) onto the refrigerator back directly in line with the water valve as shown.

Water Line Installation Instruction

If you use your refrigerator before connecting the water line, make sure the icemaker feeler arm is kept in the "OFF" position.

CAUTION:

- ◆ When using any electrical device (such as a power drill) during installation, be sure the device is insulated or wired in a manner to prevent the hazard of electric shock.
- ◆ All installations must be in accordance with local plumbing code requirements.

WARRANTY INFORMATION

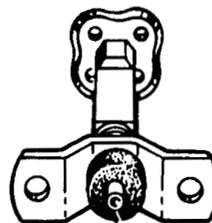
This water line installation is not warranted by the refrigerator or icemaker manufacturer. Follow these instructions carefully to minimize the risk of expensive water damage.

WHAT YOU WILL NEED

A cold water supply is required for automatic icemaker operation. Water pressure must be between 20 and 120 p.s.i.

Copper tubing, 1/4" O.D., should be used to connect the refrigerator to the water supply. **Do not use plastic tubing or plastic fittings** because the connection between the water supply and the refrigerator water valve inlet is under constant water pressure. Also, certain types of plastic tubing may become brittle with age and crack, resulting in water leakage.

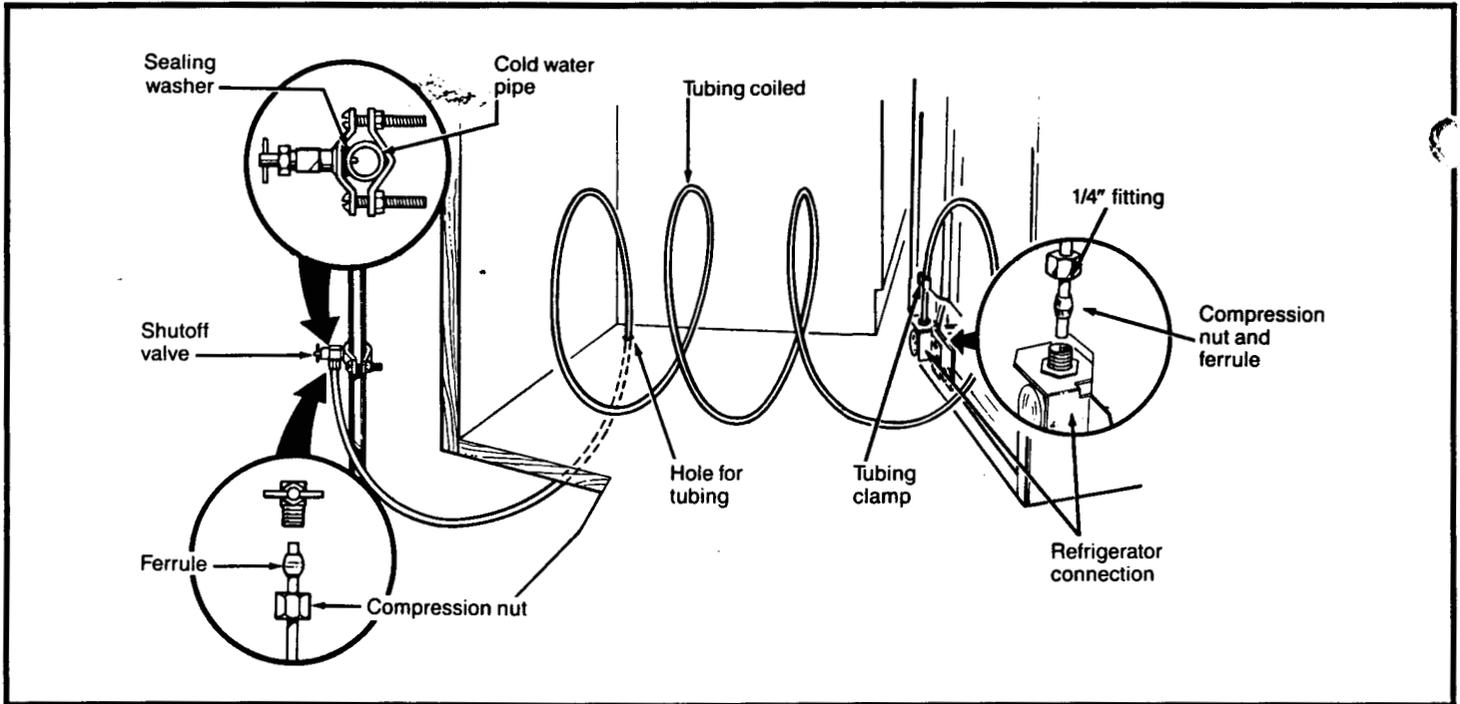
A shutoff valve should be connected to the cold water line. The shutoff valve should have a water inlet with a **minimum inside diameter of 5/32"** at the point of connection to the COLD WATER LINE. A saddle type shutoff valve permitted by many local plumbing codes is shown below.



Min. 5/32" dia. opening

Check your local plumbing codes before choosing this type of valve. We recommend using the saddle valve supplied with GE Water Supply Kits WX8X2, WX8X3 and WX8X4.

TYPICAL PLUMBING INSTALLATION WITH WATER SUPPLY KITS WX8X2, WX8X3 and WX8X4



1 SHUT OFF MAIN WATER SUPPLY.

2 INSTALL SHUTOFF VALVE ON NEAREST FREQUENTLY USED DRINKING WATER LINE.

- Choose a location for the valve that is easily accessible. It is best to connect into the side of a vertical water pipe. When it is necessary to connect into a horizontal water pipe, make the connection to the top or side, rather than at the bottom, to avoid drawing off any sediment from the water pipe.
- Drill a 1/4" hole in the water pipe, using a sharp bit. Remove any burrs resulting from drilling the hole in the pipe.
- Tighten the clamp screws until the sealing washer begins to swell.

3 ROUTE COPPER TUBING BETWEEN COLD WATER LINE AND REFRIGERATOR.

- Make sure the flare nut is correctly positioned on the copper tubing at the flared end of the tubing.
- Then route the tubing through a hole drilled in the floor (behind the refrigerator or adjacent base cabinet) as close to the wall as possible. Be sure there is sufficient extra tubing (about 8 feet coiled into 3 turns of about 10 inches diameter) to allow the refrigerator to move out from the wall after installation.

4 CONNECT COPPER TUBING TO SHUTOFF VALVE.

Place the compression nut and ferrule onto the non-flared end of the tubing and connect to the shutoff valve. Make sure the tubing is fully inserted into the valve. Tighten the compression nut securely.

5 CONNECT COPPER TUBING TO REFRIGERATOR.

Before making connection to the refrigerator, be sure refrigerator power cord is not plugged into wall outlet.

- Turn water on and flush out the tubing, making certain that all foreign matter is removed from the line.

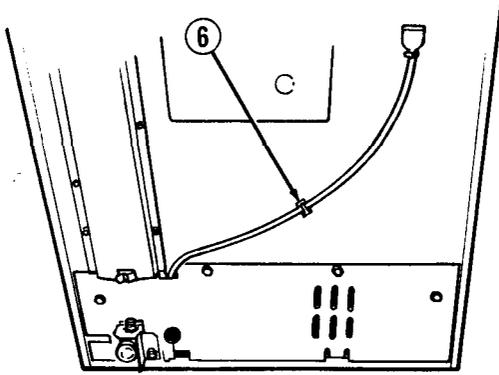
- Shut the water off after about one quart of water has been flushed through the tubing.

NOTE: Some localities may have sand or other foreign matter present in the water supply in such quantities that they may, in time, collect in the screen of the water valve attached to the back of the refrigerator and tend to reduce the water flow to the icemaker. Where such conditions exist, we recommend that an additional filter or strainer be installed in the line near the refrigerator. If a screen type strainer is used, it should be 80 mesh or finer.

- Cut off the flared end of the copper tubing and remove the flare nut from the tubing.

- Remove the plastic cap from the water valve and plastic tube assembly.

e. Replace compressor compartment access cover.



f. Fasten plastic water line to back of refrigerator with adhesive-backed fastener (6), spacing fastener as shown to take up slack in line.

g. Connect copper tubing to the refrigerator water valve. Place the 1/4" compression nut and ferrule onto the end of the tubing as shown on page 10.

h. Insert the end of the copper tubing into the water valve as far as possible. While holding the tubing, tighten the fitting.

i. Fasten the copper tubing into the clamp provided to hold the tubing in a vertical position.

8 SET THE ICEMAKER FEELER ARM TO THE ON (DOWN) POSITION.

The icemaker will not begin to operate until it reaches its operating temperature of 15°F. or below. It will then begin operation automatically if the icemaker is in the ON position.

9 MOVE THE REFRIGERATOR BACK TO THE WALL.

Arrange the coil of copper tubing so that it does not vibrate against the back of the refrigerator or against the wall.

NOTE:

The first few batches of cubes should be thrown away, so that remaining impurities in the water line will be flushed out.

6 TURN ON WATER AND CHECK ALL JOINTS FOR LEAKS.

Tighten fittings if required to stop leaks.

7 PLUG REFRIGERATOR POWER CORD INTO APPROPRIATE ELECTRICAL OUTLET.

YOUR AUTOMATIC ICEMAKER WARRANTY

Save proof of original purchase date such as your sales slip or cancelled check to establish warranty period.

WHAT IS COVERED

FULL ONE-YEAR WARRANTY

For one year from date of original purchase, we will provide, free of charge, parts and service labor in your home to repair or replace **any part of the automatic icemaker** that fails because of a manufacturing defect.

This warranty is extended to the original purchaser and any succeeding owner for products purchased for ordinary home use in the 48 mainland states, Hawaii and Washington, D.C. In Alaska the warranty is the same except that it is **LIMITED** because you must pay to ship the product to the service shop or for the service technician's travel costs to your home.

All warranty service will be provided by our Factory Service Centers or by our authorized Customer Care® servicers during normal working hours.

Look in the White or Yellow Pages of your telephone directory for GENERAL ELECTRIC COMPANY, GENERAL ELECTRIC FACTORY SERVICE, GENERAL ELECTRIC-HOTPOINT FACTORY SERVICE or GENERAL ELECTRIC CUSTOMER CARE® SERVICE.

WHAT IS NOT COVERED

• Service trips to your home to teach you how to use the product.

Read your Use and Care material.

If you then have any questions about operating the product, please contact your dealer or our Consumer Affairs office at the address below, or call, toll free:

GE Answer Center®
800.626.2000
consumer information service

• Improper installation.

If you have an installation problem, contact your dealer or installer. You are responsible for providing adequate electrical, plumbing and

other connecting facilities, including the water line to the icemaker and the water line installation.

• Replacement of house fuses or resetting of circuit breakers.

• Failure of the product if it is used for other than its intended purpose or used commercially.

• Damage to product caused by accident, fire, floods or acts of God.

WARRANTOR IS NOT RESPONSIBLE FOR CONSEQUENTIAL DAMAGES.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. To know what your legal rights are in your state, consult your local or state consumer affairs office or your state's Attorney General.

Warrantor: General Electric Company

**If further help is needed concerning this warranty, write:
Manager—Consumer Affairs, GE Appliances, Louisville, KY 40225**

Part No. 162D1599P003
Pub. No. 49-6430

UK-KIT-3