

Installation Instructions

Refrigerator

Models 15, 16, 17, 18

Questions? Call 800.GE.CARES (800.432.2737) or Visit our Website at: www.GEAppliances.com
In Canada, call 1.800.361.3400 or Visit our Website at: www.geappliances.ca

BEFORE YOU BEGIN

Read these instructions completely and carefully.

- **IMPORTANT** — Save these instructions for local inspector's use.
- **IMPORTANT** — Observe all governing codes and ordinances.
- **Note to Installer** — Be sure to leave these instructions with the Consumer.
- **Note to Consumer** — Keep these instructions for future reference.
- **Skill level** — Installation of this appliance requires basic mechanical skills.
- **Completion time** — Refrigerator Installation
15 minutes
Reversing the Door Swing
1 hour
- Proper installation is the responsibility of the installer.
- Product failure due to improper installation is not covered under the Warranty.

WATER SUPPLY TO THE ICEMAKER (on some models)

If the refrigerator has an icemaker, it will have to be connected to a cold water line. A water supply kit (containing copper tubing, shutoff valve, fittings and instructions) is available at extra cost from your dealer, by visiting our Website at www.GEAppliances.com (in Canada at www.geappliances.ca) or from Parts and Accessories, 800.626.2002 (in Canada 1.888.261.3055).

REFRIGERATOR LOCATION

- Do not install the refrigerator where the temperature will go below 60°F (16°C) because it will not run often enough to maintain proper temperatures.
- Install it on a floor strong enough to support it fully loaded.

CLEARANCES

Allow the following clearances for ease of installation, proper air circulation and plumbing and electrical connections.

- Sides 3/4" (19 mm)
- Top 1" (25 mm)
- Back 1" (25 mm)

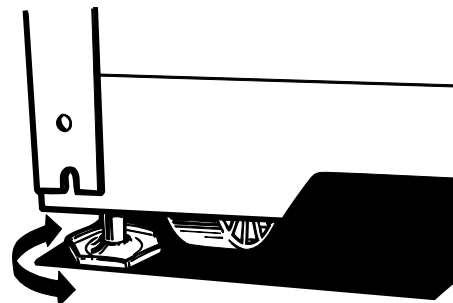
ROLLERS AND LEVELING LEGS

Leveling legs near each front corner of the refrigerator are adjustable. They firmly position the refrigerator and prevent it from moving when the doors are opened. Leveling legs should be set so the front of the refrigerator is raised just enough that the doors close easily when opened about halfway.

Turn the leveling legs **clockwise to raise** the refrigerator, **counterclockwise to lower it**.

Rollers next to the leveling legs allow you to move the refrigerator away from the wall for cleaning.

Turn the legs counterclockwise until the weight of the refrigerator is transferred from them to the rollers. After rolling the refrigerator back into place, turn the legs clockwise until the legs again bear the weight of the refrigerator.



Installation Instructions

1 INSTALLING THE WATER LINE (ON SOME MODELS)

BEFORE YOU BEGIN

Recommended copper water supply kits are WX8X2, WX8X3 or WX8X4, depending on the amount of tubing you need. Approved plastic water supply lines are GE SmartConnect™ Refrigerator Tubing (WX08X10002, WX08X10006, WX08X10015 and WX08X10025).

When connecting your refrigerator to a GE Reverse Osmosis Water System, the only approved installation is with a GE RVKit. For other reverse osmosis water systems, follow the manufacturer's recommendations.

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.

Water hammer (water banging in the pipes) in house plumbing can cause damage to refrigerator parts and lead to water leakage or flooding. Call a qualified plumber to correct water hammer before installing the water supply line to the refrigerator.

To prevent burns and product damage, do not hook up the water line to the hot water line.

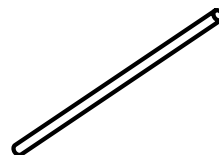
If you use your refrigerator before connecting the water line, make sure the icemaker power switch is in the **O (off)** position (on power switch models) or the feeler arm is in the **STOP** (up) position (on feeler arm models).

Do not install the icemaker tubing in areas where temperatures fall below freezing.

When using any electrical device (such as a power drill) during installation, be sure the device is double insulated or grounded in a manner to prevent the hazard of electric shock, or is battery powered.

All installations must be in accordance with local plumbing code requirements.

WHAT YOU WILL NEED



- **Copper or GE SmartConnect™ Refrigerator Tubing kit**, 1/4" outer diameter to connect the refrigerator to the water supply. If using copper, be sure both ends of the tubing are cut square.

To determine how much tubing you need: measure the distance from the water valve on the back of the refrigerator to the water supply pipe. Then add 8' (2.4 m). Be sure there is sufficient extra tubing (about 8' [2.4 m] coiled into 3 turns of about 10" [25 cm] diameter) to allow the refrigerator to move out from the wall after installation.

GE SmartConnect™ Refrigerator Tubing Kits are available in the following lengths:

2' (0.6 m)	– WX08X10002
6' (1.8 m)	– WX08X10006
15' (4.6 m)	– WX08X10015
25' (7.6 m)	– WX08X10025

Be sure that the kit you select allows at least 8' (2.4 m) as described above.

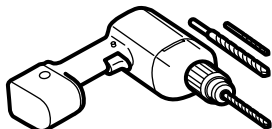
NOTE: The only GE approved plastic tubing is that supplied in GE SmartConnect™ Refrigerator Tubing kits. Do not use any other plastic water supply line because the line is under pressure at all times. Certain types of plastic will crack or rupture with age and cause water damage to your home.

Installation Instructions

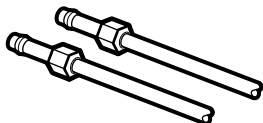
1 INSTALLING THE WATER LINE (CONT.)

WHAT YOU WILL NEED (CONT.)

- A **GE water supply kit** (containing tubing, shutoff valve and fittings listed below) is available at extra cost from your dealer or from Parts and Accessories, 800.626.2002.
- A **cold water supply**. The water pressure must be between 20 and 120 p.s.i. (1.4–8.1 bar).



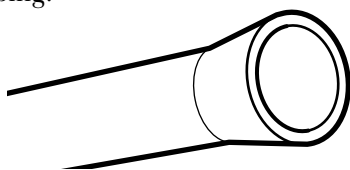
- **Power drill.**
- **1/2" or adjustable wrench.**
- **Straight and Phillips blade screwdriver.**



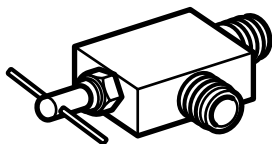
- **Two 1/4" outer diameter compression nuts and 2 ferrules (sleeves)**—to connect the copper tubing to the shutoff valve and the refrigerator water valve.

OR

- If you are using a GE SmartConnect™ Refrigerator Tubing kit, the necessary fittings are preassembled to the tubing.



- If your existing copper water line has a flared fitting at the end, you will need an **adapter** (available at plumbing supply stores) to connect the water line to the refrigerator **OR** you can cut off the flared fitting with a **tube cutter** and then use a compression fitting. Do not cut formed end from GE SmartConnect™ Refrigerator tubing.



- **Shutoff valve** to connect 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**. Saddle-type shutoff valves are included in many water supply kits. Before purchasing, make sure a saddle-type valve complies with your local plumbing codes.

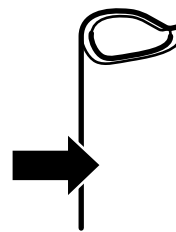
Install the shutoff valve on the nearest frequently used drinking water line.

1 SHUT OFF THE MAIN WATER SUPPLY

Turn on the nearest faucet long enough to clear the line of water.

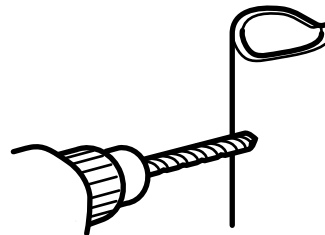
2 CHOOSE THE VALVE LOCATION

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.



3 DRILL THE HOLE FOR THE VALVE

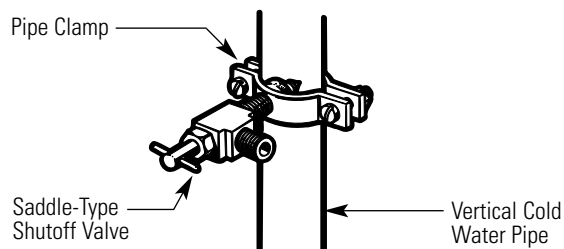
Drill a 1/4" hole in the water pipe (even if using a self-piercing valve) using a sharp bit. Remove any burrs resulting from drilling the hole in the pipe. **Take care not to allow water to drain into the drill.** Failure to drill a 1/4" hole may result in reduced ice production or smaller cubes.



Installation Instructions

4 FASTEN THE SHUTOFF VALVE

Fasten the shutoff valve to the cold water pipe with the pipe clamp.

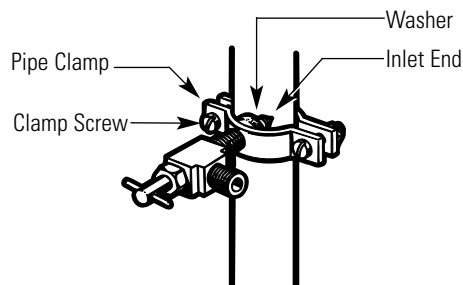


NOTE: Commonwealth of Massachusetts Plumbing Codes 248CMR shall be adhered to. Saddle valves are illegal and use is not permitted in Massachusetts. Consult with your licensed plumber.

5 TIGHTEN THE PIPE CLAMP

Tighten the clamp screws until the sealing washer begins to swell.

NOTE: Do not overtighten or you may crush the tubing.



6 ROUTE THE TUBING

Route the tubing between the cold water line and the refrigerator.

Route the tubing through a hole drilled in the wall or floor (behind the refrigerator or adjacent base cabinet) as close to the wall as possible.

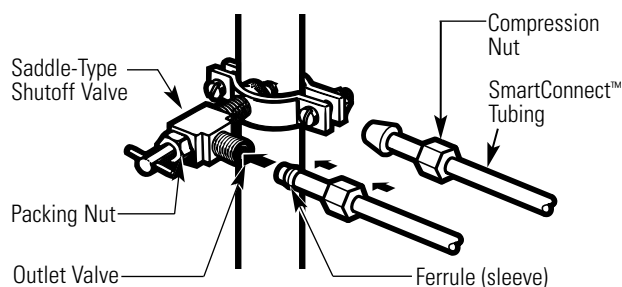
NOTE: Be sure there is sufficient extra tubing (about 8 feet [244 cm] coiled into 3 turns of about 10" [25 cm] diameter) to allow the refrigerator to move out from the wall after installation.

7 CONNECT THE TUBING TO THE VALVE

Place the compression nut and ferrule (sleeve) for copper tubing onto the end of the tubing and connect it to the shutoff valve.

Make sure the tubing is fully inserted into the valve. Tighten the compression nut securely.

For plastic tubing from a GE SmartConnect™ Refrigerator Tubing kit, insert the molded end of the tubing into the shutoff valve and tighten compression nut until it is hand tight, then tighten one additional turn with a wrench. Overtightening may cause leaks.

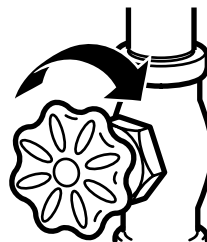


NOTE: Commonwealth of Massachusetts Plumbing Codes 248CMR shall be adhered to. Saddle valves are illegal and use is not permitted in Massachusetts. Consult with your licensed plumber.

8 FLUSH OUT THE TUBING

Turn the main water supply on and flush out the tubing until the water is clear.

Shut the water off at the water valve after about one quart (1 liter) of water has been flushed through the tubing.



Installation Instructions

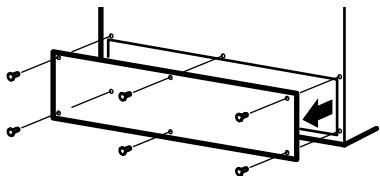
1 INSTALLING THE WATER LINE (CONT.)

9 CONNECT THE TUBING TO THE REFRIGERATOR

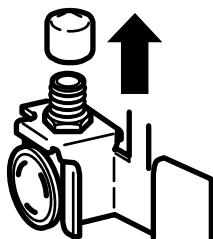
NOTES:

- Before making the connection to the refrigerator, be sure the refrigerator power cord is not plugged into the wall outlet.
- We recommend installing a water filter if your water supply has sand or particles that could clog the screen of the refrigerator's water valve. Install it in the water line near the refrigerator. If using GE SmartConnect™ Refrigerator Tubing kit, you will need an additional tube (WX08X10002) to connect the filter. Do not cut plastic tube to install filter.

Remove the access cover.



Remove the plastic flexible cap from the water valve (refrigerator connection).



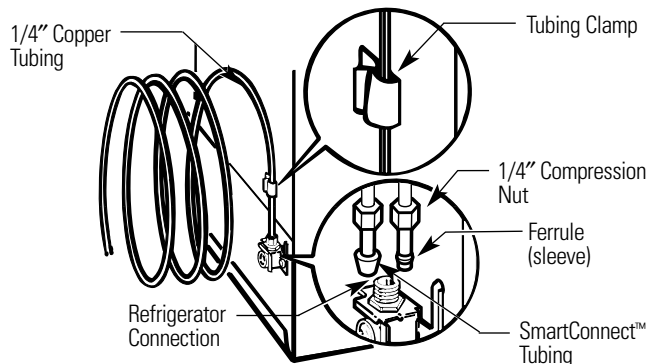
Place the compression nut and ferrule (sleeve) onto the end of the tubing as shown. On GE SmartConnect™ Refrigerator Tubing kit, the nuts are already assembled to the tubing.

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

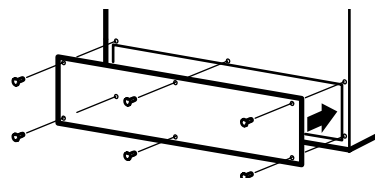
For plastic tubing from a GE SmartConnect™ Refrigerator Tubing kit, insert the molded end of the tubing into the shutoff valve and tighten compression nut until it is hand tight, then tighten one additional turn with a wrench. Overtightening may cause leaks.

9 CONNECT THE TUBING TO THE REFRIGERATOR (CONT.)

Fasten the tubing into the clamp provided to hold it in a vertical position. You may need to pry open the clamp.

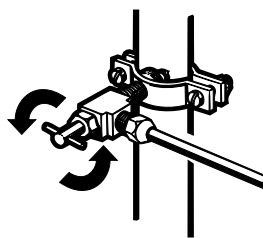


Reattach the access cover.



10 TURN THE WATER ON AT THE SHUTOFF VALVE

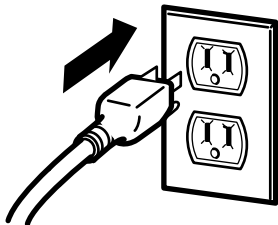
Tighten any connections that leak.



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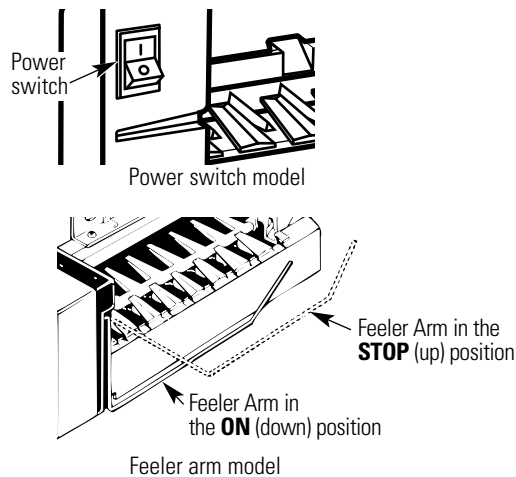
11 PLUG IN THE REFRIGERATOR

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



12 START THE ICEMAKER

On power switch models, set the icemaker power switch to the **I (on)** position. On feeler arm models, move the feeler arm to the **ON** (down) position. The icemaker will not begin to operate until it reaches its operating temperature of 15°F (-9°C) or below. It will then begin operation automatically.



NOTE: In lower water pressure conditions, the water valve may turn on up to 3 times to deliver enough water to the icemaker.

2 REVERSING THE DOOR SWING

IMPORTANT NOTES

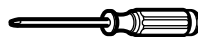
When reversing the door swing:

- Read the instructions all the way through before starting.
- Handle parts carefully to avoid scratching paint.
- Set screws down by their related parts to avoid using them in the wrong places.
- Provide a non-scratching work surface for the doors.

IMPORTANT: Once you begin, do not move the cabinet until door-swing reversal is completed.

These instructions are for changing the hinges from the right side to the left side—if you ever want to change the hinges back to the right side, follow these same instructions and reverse all references to left and right.

TOOLS REQUIRED



Phillips screwdriver



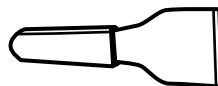
Masking tape



5/16" hex-head
socket driver



T20 or T25 Torxdriver,
whichever your model
requires



Putty knife or thin-blade
screwdriver



5/16" open-end
wrench