

AUTOMATIC ICE MAKER INSTALLATION INSTRUCTIONS

⚠ WARNING To avoid electric shock, which can cause death or severe personal injury, disconnect the refrigerator from electrical power before connecting a water supply line to the refrigerator.

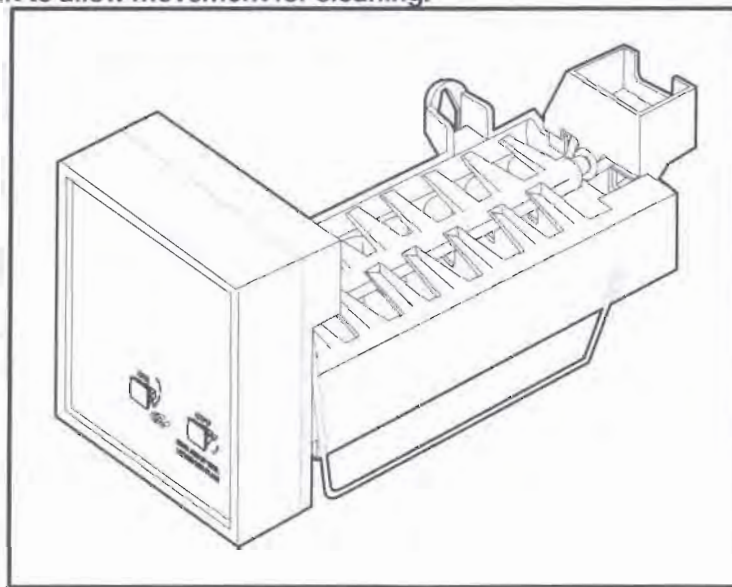
⚠ CAUTION To Avoid Property Damage:

- Copper tubing is recommended for the water supply line. Water supply tubing made of 1/4" plastic is not recommended since it greatly increases the potential for water leaks. The manufacturer will not be responsible for any damage if plastic tubing is used for the supply line.
- **DO NOT** install water supply tubing in areas where temperatures fall below freezing.
- Connect the ice maker to a drinkable water source that is not tied into a water softening system. Chemicals from the softener may damage the ice maker, causing it to malfunction.

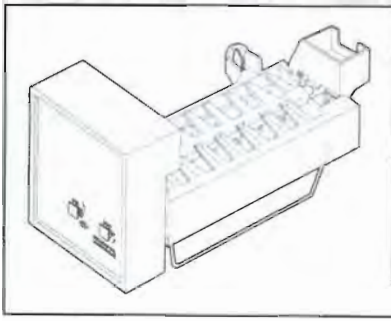
The following items will be required to install the ice maker kit.

- 1/4 inch copper supply line with shut off valve
- 1/4 inch brass compression nut and ferrule
- Freezer shelf (Some models not equipped with shelf). If your model does not have one, contact your dealer to order one.

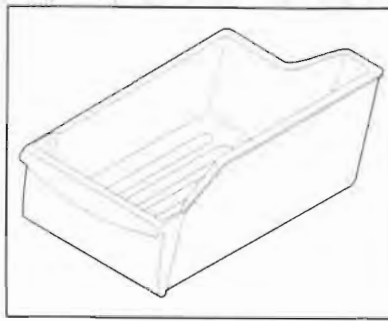
The copper tubing and shut off valve are available in a kit from your local hardware or plumbing supply store. Coil enough tubing at the back of the unit to allow movement for cleaning.



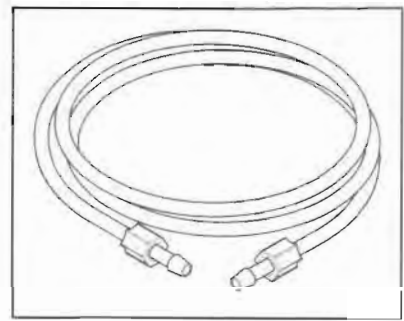
Use This Page to Identify Parts



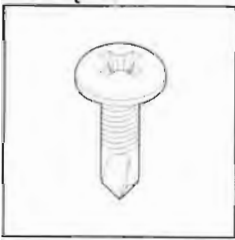
1. Ice Maker



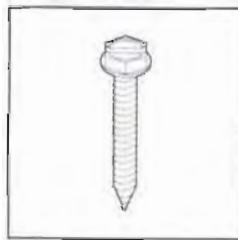
2. Ice Container



3. Plastic Water Supply Tubing



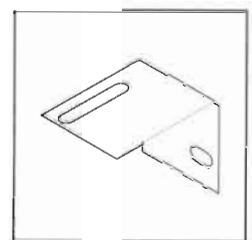
4. Screws - Qty 2



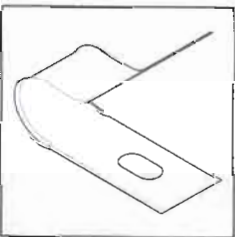
5. Screws - Qty 2



6. Leveling Bracket
Screw - Qty 1



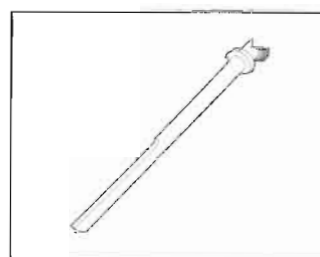
7. Leveling Bracket
Qty 1



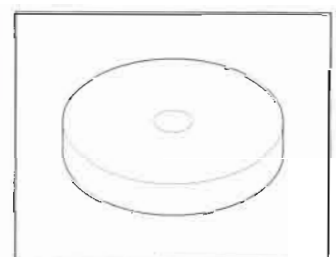
8. Steel Clamp - Qty 1



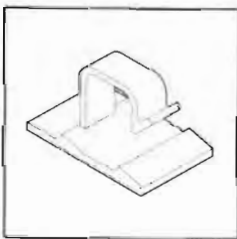
10. Water Valve - Qty 1



11. Water Inlet Tube
Qty 1



12. Tube Seal - Qty 1



9. Plastic Clamp - Qty 2

Tools Required:

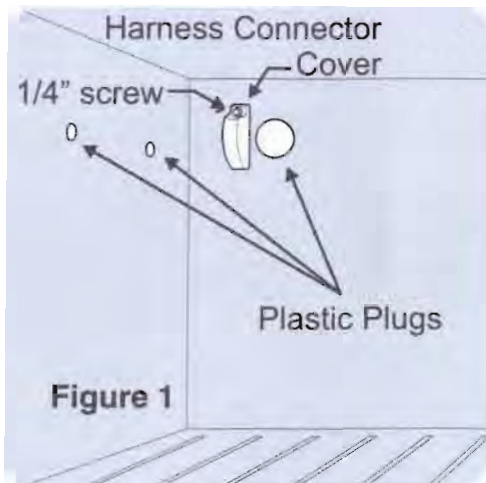
- Plastic Putty Knife
- ¼ inch Socket Wrench or Nut Driver
- Adjustable Wrench
- Small Kitchen Knife
- Phillips™ Screwdriver
- Needle Nose Pliers
- Power Drill with Phillips™ bit

ICE MAKER INSTALLATION INSTRUCTIONS

1. Unplug refrigerator from electrical outlet.
2. Remove ice tray rack from freezer (some models).
3. Remove freezer shelf (some models) by pushing shelf to left until right side of shelf comes free from holes. Then slowly lift up and pull shelf free from holes on right side.

NOTE: On some models, there are two plugs on the left freezer wall that must be removed. These holes will be used to mount the Ice Maker (1). (There is also a plug on the back wall where the water inlet tube (11) will be inserted.)

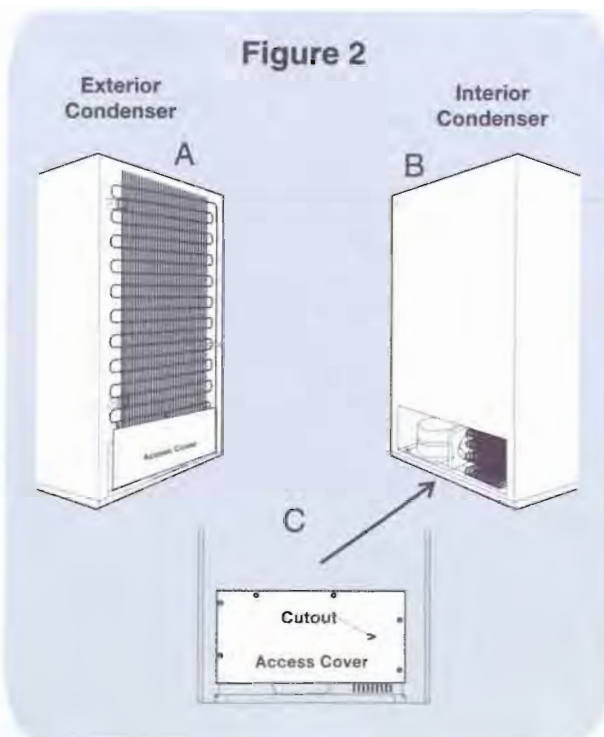
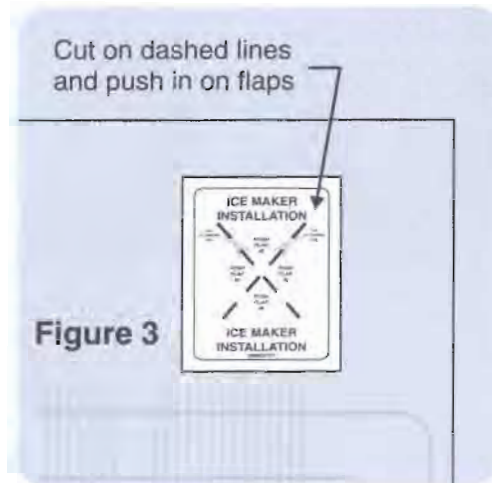
4. Use a plastic putty knife to remove plugs from inside freezer compartment. (See Figure 1.)
5. Remove the harness connector cover, where the ice maker will plug into, by removing the 1/4" hex head screw. (See Figure 1.)



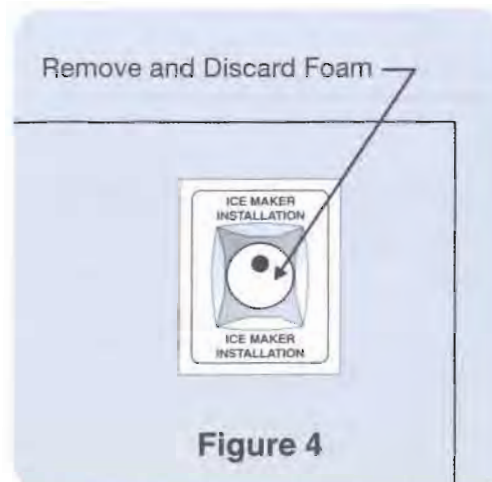
NOTE: Your refrigerator may have an exterior condenser, as shown in Figure 2A, or an interior condenser, shown in figure 2B. If your refrigerator has an exterior condenser, it may be necessary to loosen the the two brackets on the right side of the condenser. Then the condenser can be pulled away from the back of the refrigerator far enough to gain easy entry during the installation process.

Figure 2C shows the location of the screws and the cutout on the access cover.

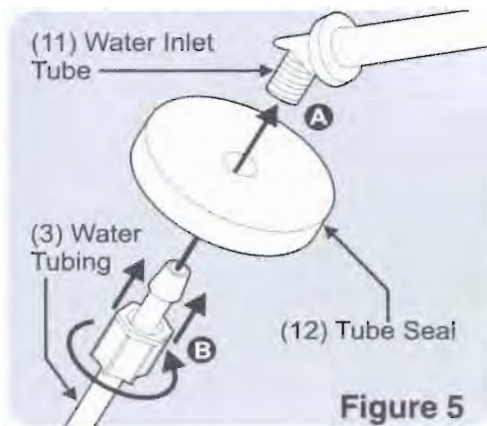
6. Remove screws securing Access Cover to cabinet. (interior condensers only - see figure 2C)
7. Use small kitchen knife to cut Ice Maker Installation label on dashed lines located on outside rear panel of refrigerator in top, right corner. See Figure 3. Push flaps inward until they stick to unit.



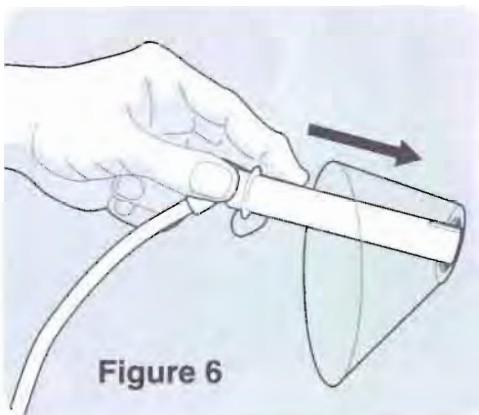
8. If necessary, remove any foam from within access hole with needle nose pliers.



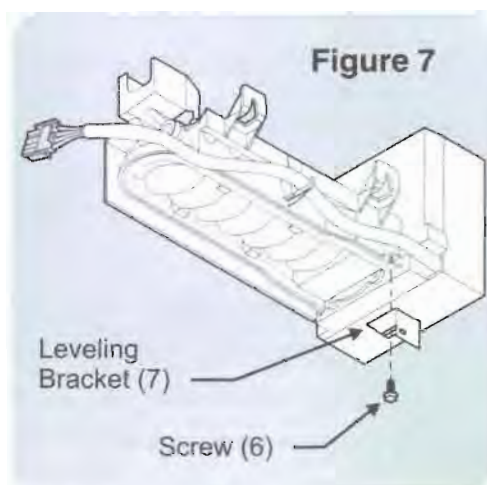
- Push tube seal (12) over threads. Push plastic water supply tubing (3) into water inlet tube (11) as far as it will go and finger tighten nylon compression nut onto threaded end of inlet tube. Tighten another $\frac{1}{2}$ turn with a wrench. **DO NOT** over-tighten.



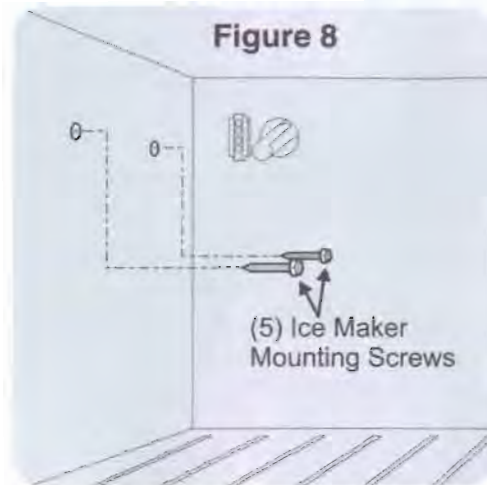
- Push water inlet tube (11) through small hole where installation label was. Rotate while inserting tube until flat surface of inlet tube is tight against back of refrigerator.



- Install adjustable leveling bracket (7) on bottom of Ice Maker (1) with screw (6). **DO NOT** tighten bracket. It will be tightened later in this procedure.

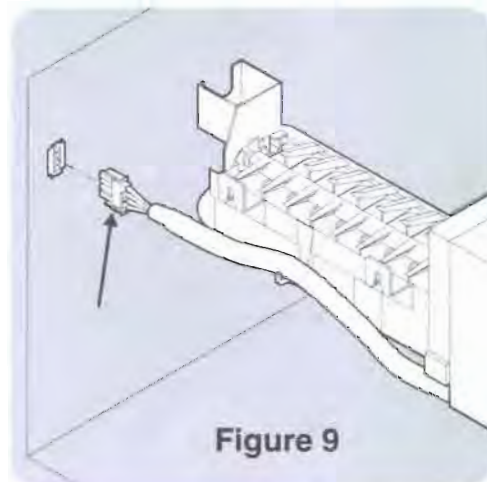


- Start two, long, Ice Maker mounting screws (5) into freezer wall where plugs were removed in Step 4. Turn each screw clockwise five turns.



NOTE: It requires the use of both hands to hook up and secure the Ice Maker to the freezer wall. **DO NOT** let the Ice Maker dangle free after the wiring harness is plugged into the connector on the back freezer wall.

- Connect wiring harness into connector mounted on back freezer panel, just to the left of where the water inlet tube comes through, then mount Ice Maker to the two screws (5) you started earlier from Step 12. (See figure 10.) Tighten screws. Make sure water inlet tube (11) is setting inside fill cup.



14. Adjust leveling bracket (7) on Ice Maker (1). When the gap between freezer wall and Ice Maker is the same at top and bottom, then Ice Maker is level. Tighten screw (6) when level.

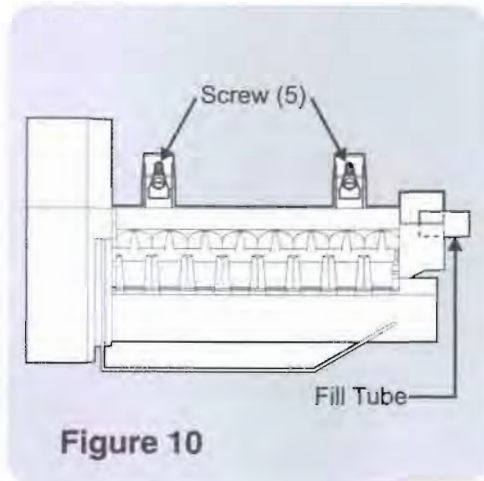


Figure 10

15. Reinstall freezer shelf in lower position. Set ice container (2) on shelf.

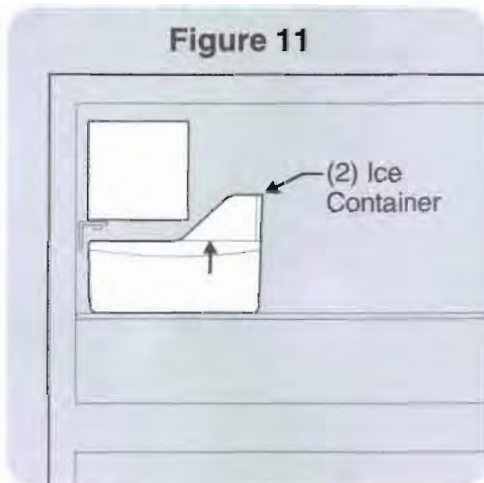


Figure 11

NOTE: If your refrigerator has an interior condenser, it's a good idea to connect the plastic water supply tubing and the wiring harness to the water valve prior to mounting the valve to the rear panel because of space constraints. Once the valve is mounted, it's very hard to get your hands in there to make the necessary connections. Additionally, the eliminator tube may have to be bent slightly out of the way for the water valve to fit in the space.

16. Connect wiring harness to water valve. Make sure connection is tight.

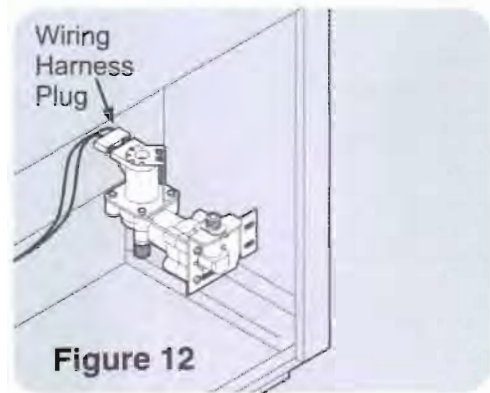


Figure 12

17. Push plastic water supply tubing into bottom of water valve as far as it will go. Finger tight nylon compression nut onto threaded end of water valve. Tighten another 1/2 turn with wrench. DO NOT over-tighten.

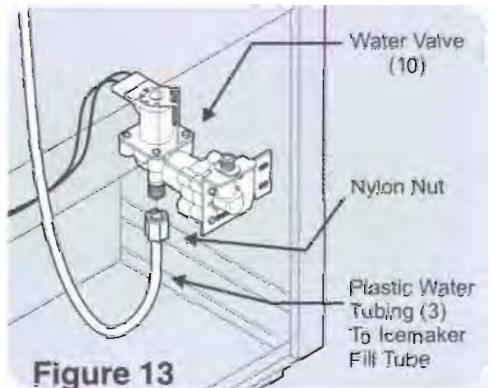


Figure 13

18. Locate factory drilled holes at bottom right corner of rear panel. Align water valve bracket with factory drilled holes. You may have to bend the eliminator tube slightly out of the way. Use a power drill with a Phillips® head bit to drive two self tapping screws (4) through bracket and into cabinet. (See NOTE to the left if your refrigerator has an interior condenser.)

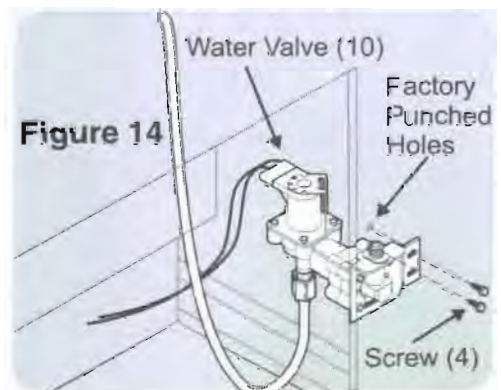
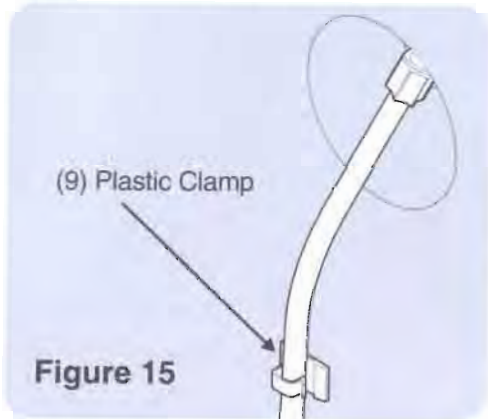


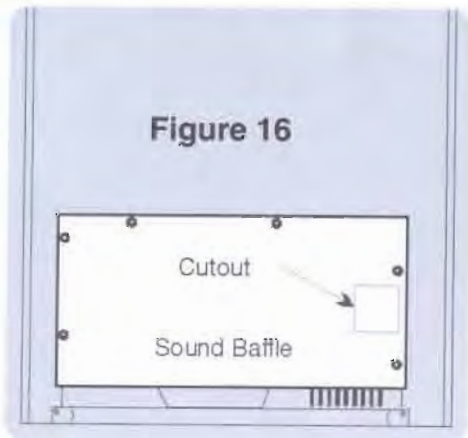
Figure 14

NOTE: Clean back of cabinet with a commercial household cleaner, ammonia or alcohol before applying plastic clamps to water tubing.

19. Secure plastic water tubing to rear of cabinet with two plastic clamps (9).



20. Punch out cutout on access cover to allow for water valve. (interior condenser models only).



21. Remount access cover (interior condenser models only) and condenser, if it was pulled out of the way because of space constraints.

Connecting Ice Maker to Water Supply

⚠ WARNING To avoid electric shock, which can cause death or severe personal injury, disconnect the refrigerator from electrical power before connecting a water supply line to the refrigerator.

⚠ CAUTION To Avoid Property Damage:

- Copper tubing is recommended for the water supply line. Water supply tubing made of 1/4 inch plastic is not recommended since it greatly increases the potential for water leaks. Manufacturer will not be responsible for any damage if plastic tubing is used for supply line.
- **DO NOT** install water supply tubing in areas where temperatures fall below freezing.
- Connect the ice maker to a potable water source that is not tied into a water softening system. Chemicals from the softener may damage the ice maker, causing it to malfunction.

IMPORTANT: Ensure that your water supply line connections comply with all local plumbing codes.

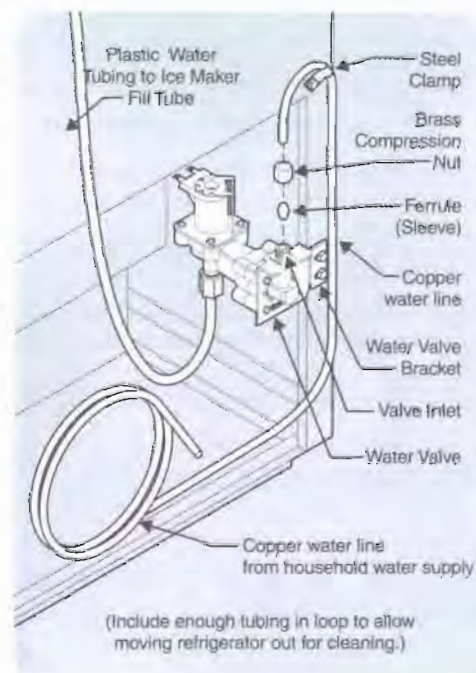
Before Installing The Water Supply Line, You Will Need

- **Basic tools:** adjustable wrench, 1/4" nut driver, and Phillips™ screwdriver.
- Access to a household **cold water line** with water pressure between 20 and 120 psi.
- A water supply line made of 1/4 inch (6.4 mm) OD, copper tubing. To determine the length of copper tubing needed, you will need to measure the distance from the ice maker inlet valve at the back of the refrigerator to your cold water pipe. Then add approximately 7 feet (2.1 meters), so the refrigerator can be moved out for cleaning.
- A shutoff valve to connect the water supply line to your household water system. **DO NOT** use a self-piercing type shutoff valve.
- A compression nut and ferrule (sleeve) for connecting the water supply line to the ice maker inlet valve.

NOTE: A water line kit is available from your appliance dealer at additional cost. It contains 25 feet (7.6 meters) of 1/4 inch OD copper tubing, a saddle type shutoff valve (nonpiercing), (2) 1/4 inch brass compression nuts, (2) ferrules/sleeves, and instructions for installing a water supply line.

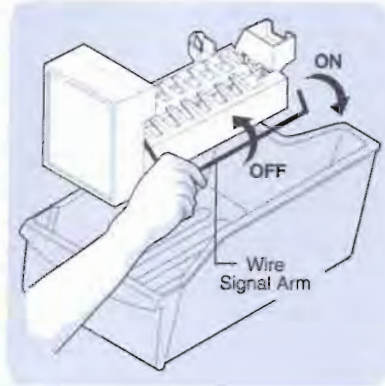
To Connect Water Supply Line To Ice Maker Inlet Valve

1. Disconnect refrigerator from electric power supply.
2. Place end of water supply line into sink or bucket. Turn ON water supply and flush supply line until water is clear. Turn OFF water supply at shutoff valve.
3. Unscrew plastic cap from water valve inlet and discard cap.
4. Slide brass compression nut, then ferrule (sleeve), onto water supply line, as shown.
5. Push water supply line into water valve inlet as far as it will go (1/4 inch). Slide ferrule (sleeve) into valve inlet and finger tighten compression nut onto valve. Tighten another half turn with a wrench; **DO NOT** over tighten.
6. With steel clamp and screw, secure water supply line to rear panel of refrigerator at location as shown.
7. Coil excess water supply line (about 2-1/2 turns) behind refrigerator as shown and arrange coils so they do not vibrate or wear against any other surface.
8. Turn ON water supply at shutoff valve and tighten any connections that leak.
9. Reconnect refrigerator to electric power supply.
10. To turn ice maker on, lower wire signal arm. (See ice maker front cover for on/off position of arm.)



IMPORTANT: It takes approximately 24 hours for the ice maker to begin producing ice. Air in new plumbing lines may cause ice maker to cycle two or three times before making a full tray of ice. New plumbing may cause ice to be discolored or have poor flavor. Discard ice made during the first 24 hours.

Automatic Ice Maker Tips



Remember that water quality determines your ice quality. Do not connect the ice maker to water that is softened. Chemicals from a malfunctioning softener can damage the ice maker.

To stop the ice maker, lift the wire signal arm until it clicks and locks in the "up" or OFF position. The ice maker turns off automatically when the ice container is full. If your model has an adjustable freezer shelf, place the shelf so the wire signal arm will hit the ice when the ice container is full.

Ice Maker Tips

- Ice stored too long may develop an odd flavor. Empty the container and be sure the wire signal arm is in its "down" or ON position. The ice maker will then produce more ice.
- Occasionally shake the container to keep ice separated.
- Keep the wire signal arm in its "up" or OFF position until the refrigerator is connected to the water supply or whenever the water supply is turned off.
- The following sounds are normal when the ice maker is operating.
 - Motor running
 - Ice loosening from tray
 - Ice dropping into ice container
 - Running water
 - Water valve opening or closing

CAUTION DO NOT place the ice container in your dishwasher.

- Wash ice container in warm water with mild detergent. Rinse well and dry.
- Stop the ice maker when cleaning the freezer or for short vacations.
- If the ice maker will be turned off for a long period of time, turn the water supply valve to the closed position.