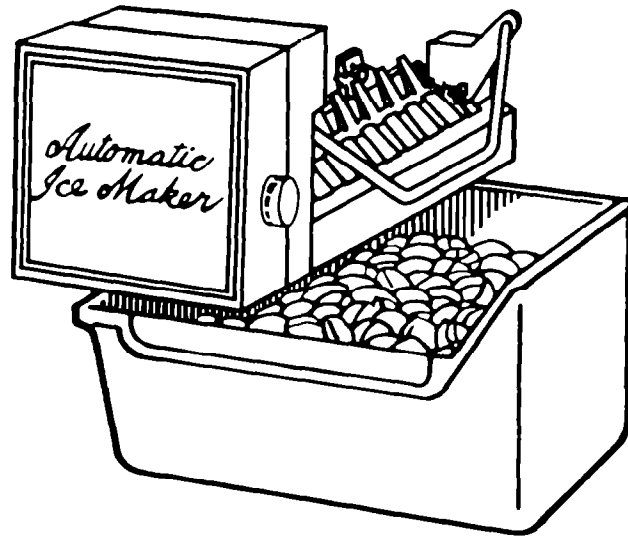


HOW TO INSTALL YOUR AUTOMATIC ICE MAKER



KEEP ALL PARTS IN THEIR OWN PACKAGE UNTIL NEEDED

PARTS ARE LISTED BY STEPS IN WHICH THEY ARE USED.
ARRANGE IN ORDER BEFORE STARTING INSTALLATION. FOR KITS ECKMF-90/IMKIT/KGF 5.

PART NUMBER	NAME	QUANTITY	USED IN STEP NUMBER
# 1 944811	WIRING ASSEMBLY	1	4, 13, 15
# 2 836489	WATER TUBE FITTING	1	3
# 3 1106508	GASKET	1	3
# 4 939027	WATER INLET TUBE (ALUMINUM)	1	13
# 5 489069	SCREW, STAINLESS (NO. 8 x 1/2")	1	16A, 16B
# 6 627929	WATER VALVE ASSEMBLY	1	5, 6, 7, 9
# 7 837121	ICE BUCKET	1	16
# 8 488878	CLAMP	1	11
# 9 488645	SCREW, SHEET METAL (NO. 8 x 1/2")	6	3, 8, 10, 11
#10 841707	TUBE INSERT	1	11
#11 488366	CLAMP	1	10
#12 488649	SCREW, SELF TAPPING (NO. 8-32 x 1/2")	2	9
#13 549193	CLAMP	1	10
#14 946335	PLASTIC TUBE ASSEMBLY	1	6, 11
#15 627858	COPPER TUBE ASSEMBLY	1	7
#16 627712	MOUNTING CLIP	2	16A
#17 488208	SCREW, SHEET METAL (NO. 8 x 3/4")	2	16B

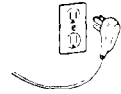
Installation Steps

These instructions cover models with and without a condenser coil on the back of the cabinet. See illustrations below and follow instructions that apply to your model.

Tools and Other Items You Will Need

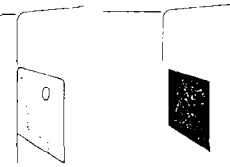
- | | |
|-----------------------------|--|
| Tools | Water Hook Up |
| 1—Phillips head screwdriver | (Materials needed, not-included in Ice Maker Kit.) |
| 1—Pliers | 1/4" O.D. Copper Tubing—See step 2 (back page) |
| 1—1/4" nut driver | for length |
| or | 1—Shut-off Valve—1/4" outlet. |
| 6" flat blade screwdriver | 1—Tube Union—1/4" x 1/4" |

1 **WARNING**
 Electrical Shock Hazard
 Disconnect from electrical power supply. Failure to do so could result in electrical shock.

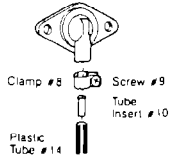


2 **Remove Cover from Freezer Wall**

Remove INTERIOR TUBE COVER and snap off wiring entrance tab



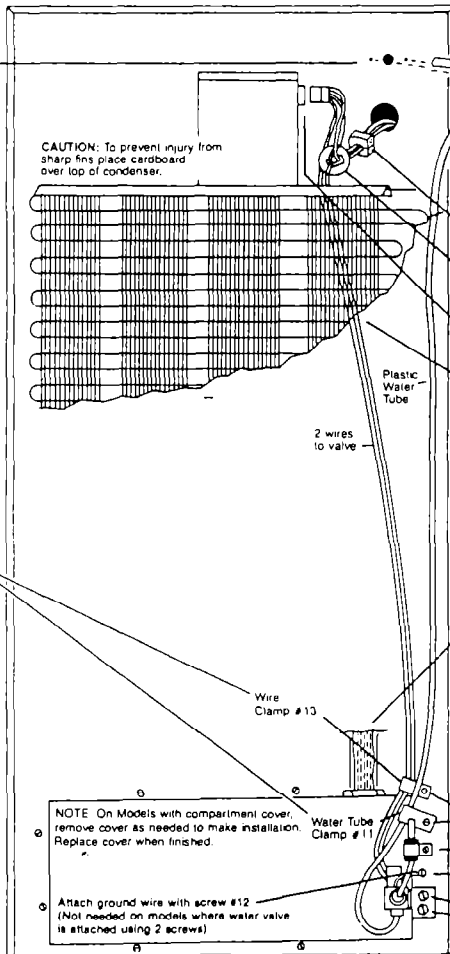
11 **Plastic Tube Connection**



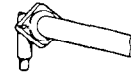
Place Clamp onto inlet tube.
 Place tube insert in end of tube and slide into inlet tube, tighten clamp.
 NOTE: Excess tube can be cut off; be sure to allow line to go into tube for full length of insert.

10 **Attach Wire and Water Tube Clamps**

Needed only on models with condenser



3 **Install Water Tube with screws #9**



Apply gasket #3 around water tube

- a) Some models have water tube already installed
- b) Some models have plastic water tube cover (attached with 2 screws) that needs to be removed and discarded
- c) Some models have self-adhering water tube cover that needs to be removed. These models may also have a plug in the freezer wall that should be removed by pushing through the freezer wall and removing from the freezer compartment where the tube cover was removed in step 2. Discard plug.

4 **Install Wiring Harness**

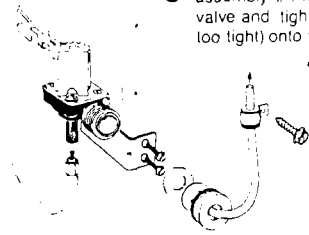
Remove wiring hole cover. Pull insert pad from cabinet hole and place around wires.
 Push wiring assembly #1 into hole, being sure grommet seals flush to prevent air entry.
 Connect plug firmly into receptacle.

- a) On models with condenser, route wires and water line behind condenser
- b) On models without condenser, route wires and water line in recess on back of product and behind clamps that are on product

INSTALL WATER VALVE

5 **Connect valve wiring plug onto terminals on valve coil.**

6 **Attach plastic water tube assembly #14. Push tubing into valve and tighten nylon nut (not too tight) onto valve threads.**



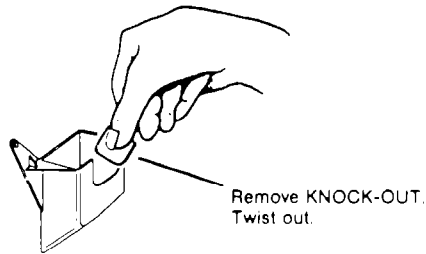
7 **Tighten hose Connector of copper tube to water valve being sure to point tube straight up.**

8 **Attach clamp with Sheet Metal Screw #9**

9 **Attach Valve with Self Tapping Screw #12**

12 Fill Cup

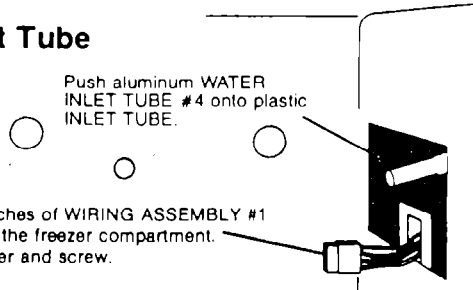
Remove knock-out from fill cup facing the back wall of freezer located on Ice Maker.



13 Install Water Inlet Tube

Push aluminum WATER INLET TUBE #4 onto plastic INLET TUBE.

About 4-5 inches of WIRING ASSEMBLY #1 should be in the freezer compartment. Reinstall cover and screw.



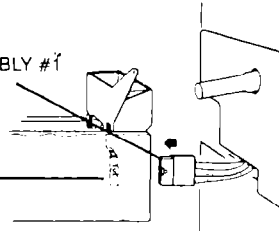
14 Remove Plugs and Cover from Freezer Wall

- a) If model has 2 large plugs and 1 small plug follow 16A to attach ice maker to freezer wall
- b) If model has 3 small plugs follow 16B to attach ice maker to freezer wall

15 Plug-in Ice Maker

Connect WIRING ASSEMBLY #1 to ICE MAKER with green wire at top.

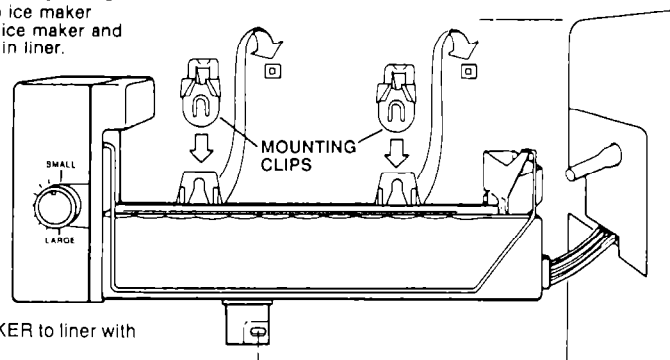
Note: Locking tab on side of connector must be pulled out to release and remove the ice maker.



16 Attach Ice Maker to Freezer Wall

When installing ice maker make sure excess wire length is routed behind tube cover. After installing ice maker slide ice bucket #7 under ice maker.

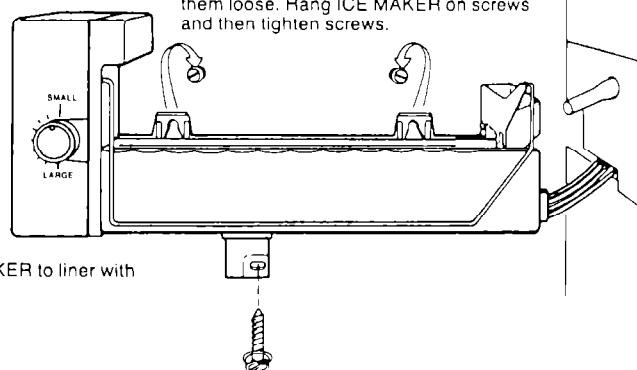
- 16A Insert ice maker MOUNTING CLIPS #16 onto ice maker and then insert ice maker and clips into holes in liner.



Attach ICE MAKER to liner with screw #5.

Attach screws #17 to liner wall leaving them loose. Hang ICE MAKER on screws and then tighten screws.

- 16B



17 Connect Ice Maker to Water Supply

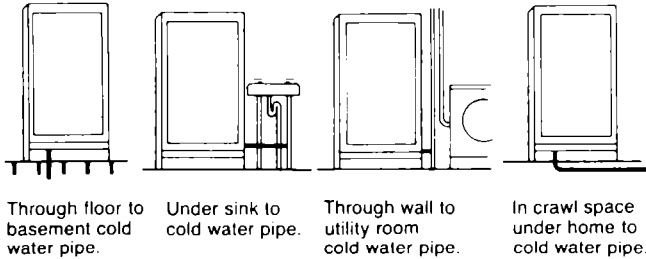
TYPICAL WAYS TO CONNECT TO WATER SUPPLY.

You will need enough 1/4-inch O.D. copper tubing to connect refrigerator to water source. (See step 2.)

⚠ CAUTION

Possible Property Damage

Do not install ice maker tubing where temperature may fall below freezing. Doing so may result in property damage.



1. Find a 3/8-inch to 1-inch vertical COLD water pipe near the refrigerator. (Horizontal pipe will work...but extra precautions must be taken.) (See * in Step 4.) Connect to unsoftened water line if possible.
2. Measure from inlet on rear of refrigerator to water pipe. Add 7 feet to allow for moving refrigerator for cleaning. This is the length of 1/4-inch O.D. copper tubing you will need for the job (length from inlet tube to water pipe PLUS 7 feet). Be sure both ends of copper tubing are cut square.
3. Turn OFF main water supply. Turn ON nearest faucet long enough to clear line of water.

⚠ WARNING

Electrical Shock Hazard

Use a grounded electric drill. Failure to do so could result in an electric shock.

Some water almost always remains in pipes. If it enters the drill, it can cause lethal shock. **BE SURE YOUR DRILL IS GROUNDED.**

Fasten a separate ground wire from drill to a good ground that complies to local electrical codes. (If in doubt, consult a licensed electrician.) **UNLESS PROPER GROUNDING IS FOLLOWED, YOU ARE NOT PROTECTED AGAINST SEVERE OR LETHAL SHOCK.**

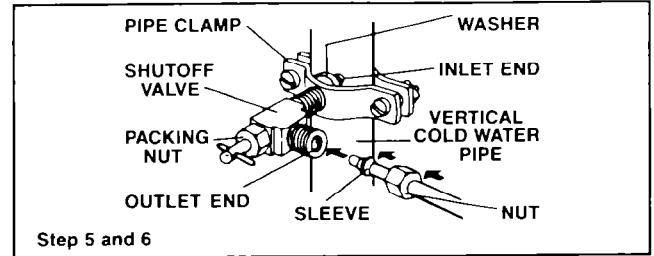
Using a grounded drill, drill a 1/4-inch hole in the vertical cold water pipe you have selected. **Use of self-piercing valve may lead to flow problems in the future.**

***If you must use a horizontal pipe, take extra precautions:**

Drill on the top or side of the pipe, not bottom. This helps keep water away from the drill. Also, it keeps normal sediment from collecting in the valve.

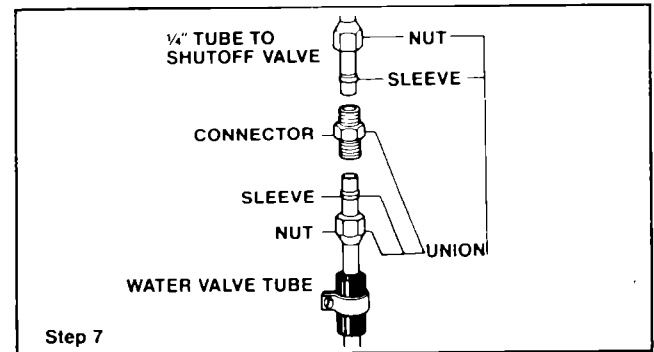
5. Fasten *shutoff valve* to cold water pipe with pipe clamp. Be sure *inlet end* is solidly in the 1/4-inch drilled hole in the water pipe and that *washer* is under the *pipe clamp*. Tighten packing nut. Tighten the *pipe clamp* screws

carefully and evenly so *washer* makes a watertight connection. Do not overtighten or you may crush copper tubing, especially if soft copper tubing is used. Now you are ready to connect the copper tubing.



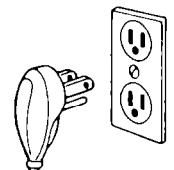
6. Slip *compression nut* and *compression sleeve* on copper tubing as shown in diagram. Insert end of tubing into *outlet end* squarely as far as it will go. Screw *compression nut* to *outlet end* with adjustable wrench. Do not overtighten. Turn ON main water supply and flush out tubing until water is clear. Turn OFF *shutoff valve* on the water pipe. You are now ready to connect other end of 1/4-inch copper tubing to inlet tube or water valve on back of refrigerator.

7. Assemble *compression nuts* on tubing as shown in diagram. Insert ends of tubing into *connector* and tighten *compression nuts*. Be sure ends of tubing are squarely in connector as far as they will go. Do not overtighten.



8. Turn shutoff valve ON. **TIGHTEN ANY CONNECTIONS OR NUTS THAT LEAK.**
9. Copper tubing may now be fastened to baseboard.
10. The Ice Maker has a built-in water strainer on the inlet side of the water valve. Use a second water strainer when local water conditions require periodic cleaning or a well is your source of water. The strainer can be installed in the 1/4-inch water line.
11. Water pressure should not be below (15 P.S.I.) or above (125 P.S.I.). If problem occurs call your Utility Company.

18 Plug in your refrigerator



IMPORTANT:

It may take up to 24 hours for your Ice Maker to begin producing ice crescents.

To enjoy your Ice Maker most PLEASE READ CAREFULLY THE ICE MAKER SECTION OF YOUR USE AND CARE GUIDE.