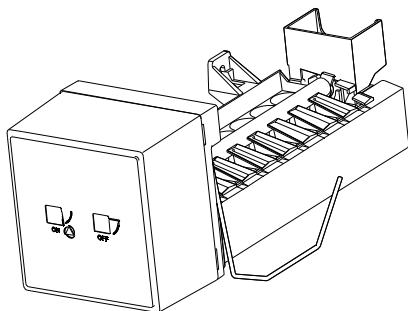


Hisense

Installation Manual



Model:
HIMT30G01

For questions about features, operation/performance, parts or service, call:
1-877-465-3566

Table of Contents

Important Instructions	3
Icemaker Kit Components	4
Installing the Icemaker Kit	5
Installing the Water Lines	9
Troubleshooting Tips	11

Important Instructions

Read and follow all safety messages. Save these instructions.



This safety alert symbol will help you understand situations and hazards that may cause injury or death.

WARNING

The **WARNING** alert means a potentially hazardous situation. Serious injury or death may occur if not avoided.

DANGER

The **DANGER** alert means an imminently hazardous situation. Serious injury or death may occur if not avoided.

CAUTION

The **CAUTION** alert means a potentially hazardous situation. Moderate or minor injury may occur if not avoided.

WARNING

- Icemaker kit should be installed only by an authorized service technician.
- To avoid electric shock, which can cause death or severe personal injury, disconnect the refrigerator from electrical power before connecting water supply line to the refrigerator.
- Connect the icemaker to potable water supply only.

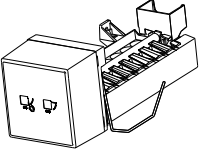
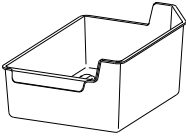
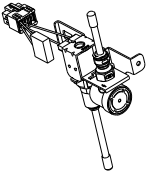
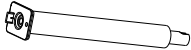
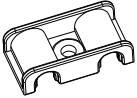





CAUTION

- In order for the icemaker to operate properly, a water line is required.
- You may need to purchase a water purifying system to do that.
- The water connection must be made by a qualified plumber.
- If the refrigerator is installed in an area with low water pressure (below 28.4 psi/ 198 KPa), you can install a booster pump to compensate for the low pressure.
 - The maximum inlet water pressure is 87 psi/ 600kPa;
 - The minimum inlet water pressure is 28.4 psi/ 198KPa.







Important:

Operation outside the water pressure range may cause malfunction and severe, damaging water leaks.

Icemaker Kit Components

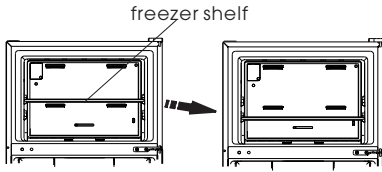
			
1. Icemaker	2. Ice container	3. Water valves	4. Water supply connector
			
5. Installation clips (3)	6. Pan head shelf-tapping screws (5)	7. Special flange screws (2)	8. Junction box cover
			
9. Tap water joint connector	10. Connector nut		

You will need the following tools

		
Philips screwdriver	Putty knife	Electric screwdriver, Philips set head and 1/4" drill bit
		
slotted screwdriver	1/2" or adjustable wrench	Small awl

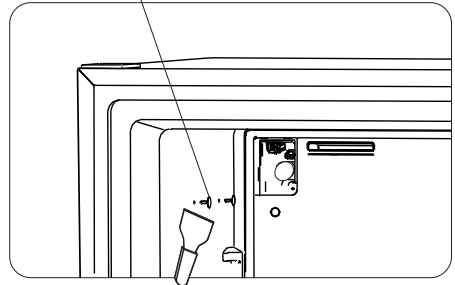
Installing the Icemaker Kit

1. Stand the refrigerator upright. Open the freezer door and then move the freezer shelf down to the lower position.



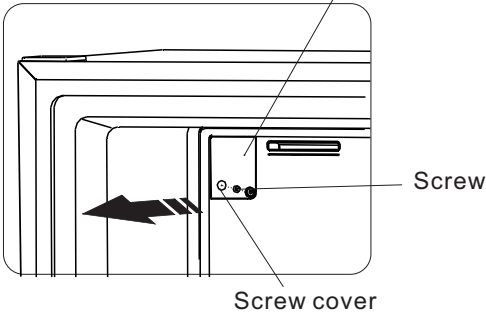
3. Remove the two screw covers plugged into the left wall of freezer with a putty knife. Screw in the two special flange screws in the holes on left wall. Leave the screws sticking out by about $\frac{3}{8}$ " as they will be tightened later after the icemaker is installed.

Screw covers

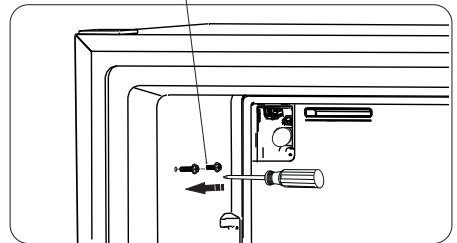


2. Remove the screw cover from the junction box cover hole with a small awl. Remove the screw and the junction box cover with a Phillips screwdriver. Then remove the junction box cover with the small awl. Keep them for future use. (Insert the small awl through the hole in the junction box cover to pry the cover, Then remove the cover by grabbing the lower right corner of it.)

Junction box cover

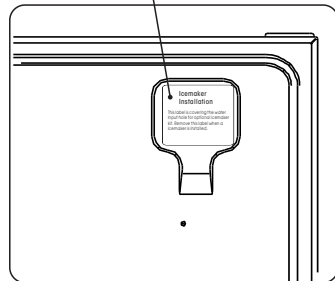
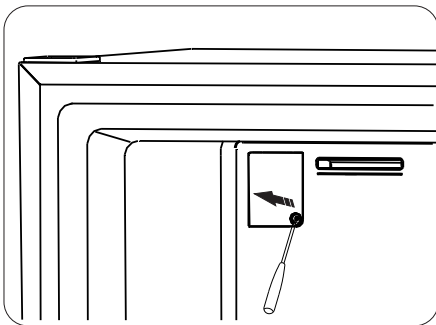


Special Flange screws

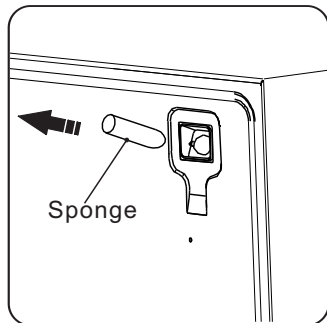


4. Tear off the Icemaker Installation label from the rear panel of refrigerator in the top right corner.

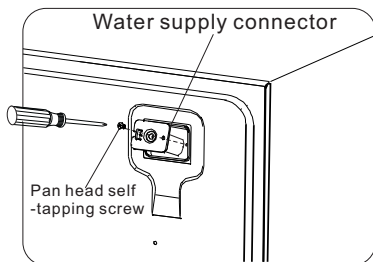
Icemaker Installation label



5. Remove the sponge from within the access hole by hand or needle nose pliers. Keep the sponge for future use.



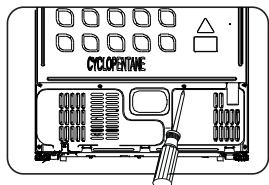
6. Insert the water supply connector into the freezer through the hole in the top right corner of the rear panel. Tighten it with a pan head self-tapping screw.



Note:

Put the terminal of the water supply connector into the hole before inserting the connector.

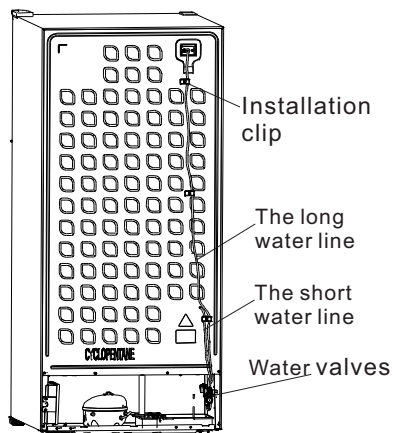
7. Loosen the six screws that are fixed in the compressor back guard. keep them for future use.



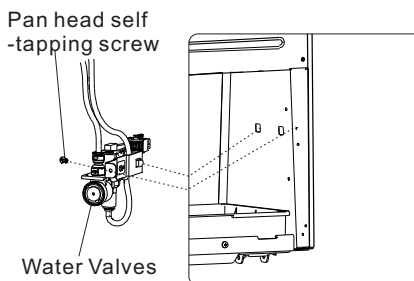
8. Install the Water Inlet Valves following the six steps below:

Note:

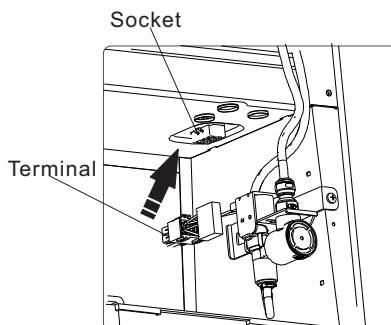
The water valves contain two water lines. one is long, the other is short.



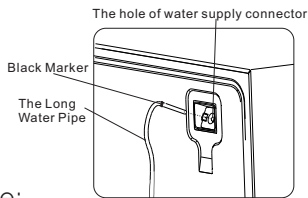
1). The gripping end of the water valves is plugged into the hole in the lower right side. Tighten it with a pan head self-tapping screw.



2). Plug the terminal of the water valve into the socket above it.

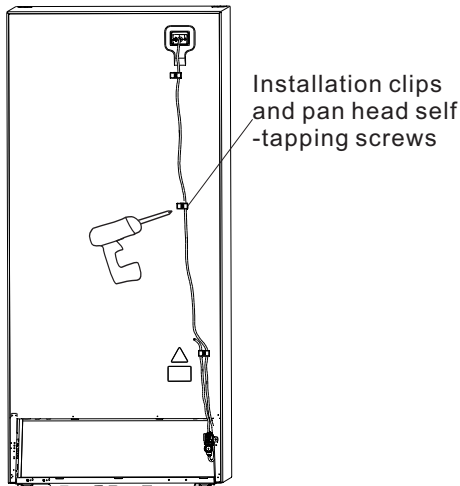


3) Plug the long water line into the hole of water supply connector until nearing the black marker.

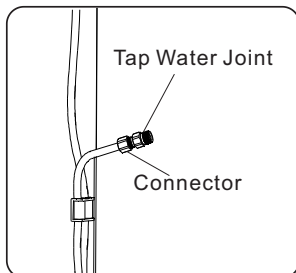


Note:
Remove the covers from the free end of the water lines before installing them.

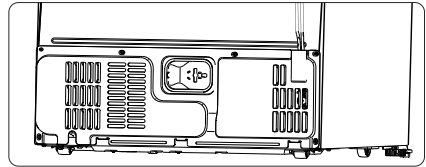
4) Fix both of the water lines on the back of refrigerator with pan head self-tapping screws and installation clips. Insert the screws with an electric screwdriver.



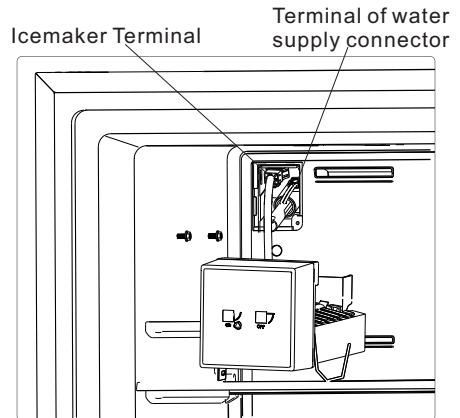
5) Install the connector nut and tap water joint connector at the end of the short water line.



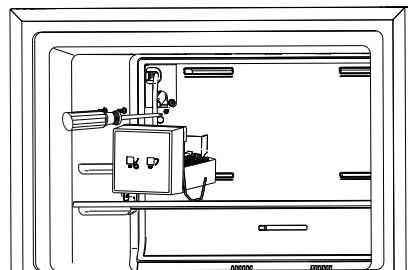
6) Reinstall the compressor back guard with the six screws which were removed in step 7.



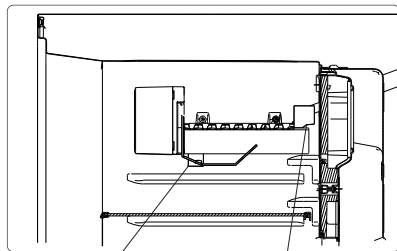
9. Lay the icemaker on the left side of the glass shelf. Plug the terminal of water supply connector (the small one) into the small socket, and plug the Icemaker Terminal into the big socket. Put the wire of the water supply connector above the connector.



10. Take out the junction box cover from package. Install it in the upper left corner. Tighten it with screw and then cover the hole with the screw cover which is removed in the step 3.



11. Hang the icemaker on the two special flange screws which were installed in the step 3. Tighten them with a Philips screwdriver.



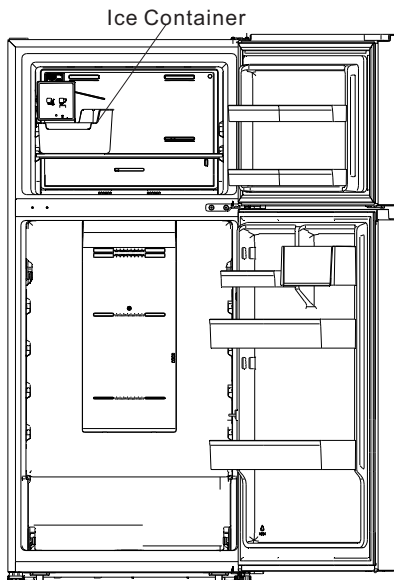
leveling bracket

Fill cup

Note:

Align the water supply connector with the fill cup of the icemaker. Check whether the icemaker is level, if it isn't level, adjust the leveling bracket on the bottom of the icemaker.

12. Put the ice container on the freezer shelf under the icemaker.



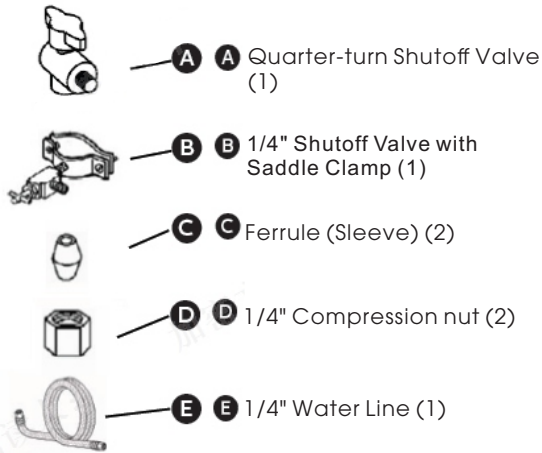
Ice Container

Installing the Water Lines

(1) Connect Water Line to Household Water

Following are two methods of connecting to your household water supply. Use the instructions specific to your installation.

Important: Turn off the main water supply. Turn on the nearest faucet long enough to clear the line of water.



Method 1: Quarter-turn Shutoff Valve

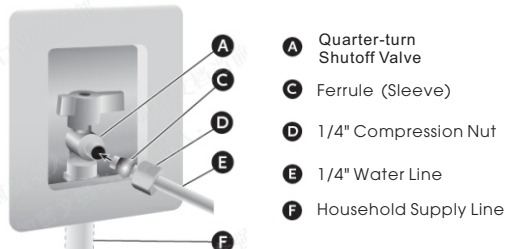
Gather the required tools and parts before starting installation. You may find them available in a kit from your local hardware.

1. Use a Quarter-turn Shutoff Valve or the equivalent served by the Household Supply line.

Note: To allow sufficient water flow to the refrigerator, a minimum 1/2" Household Supply Line is recommended.

2. Using the Ferrule (Sleeve) and 1/4" Compression Nut, connect the 1/4" water line to the Quarter-turn Shutoff Valve.

Note: Do not overtighten.



3. Place the free end of the 1/4" Water Line into an empty container or sink.

4. Turn on the main water supply and open the Quarter-turn Shutoff Valve to flush the 1/4" water line of any contaminants. Run water until it is clear.

Method 2: Shutoff Valve with Saddle Clamp

Note: Do not use a piercing-type or 3/16" (4.76 mm) saddle valve which reduces water flow and clogs easier.

1. Find a 1/2" to 1 1/4" (12.7 mm to 31.8 mm) vertical water inlet near the refrigerator.

Important:

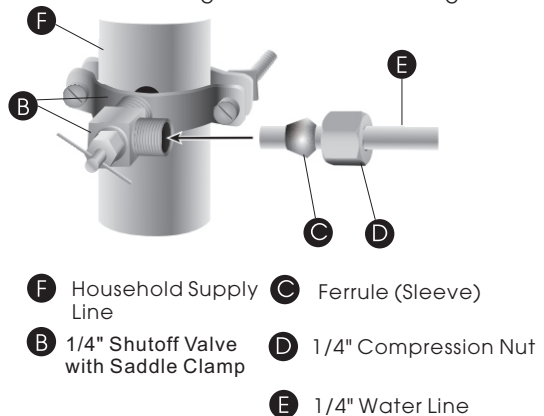
- Make sure it is a cold household supply line.
- Horizontal pipe will work, but the following procedure must be followed: Drill on the top side of the pipe, not the bottom. This will help keep water away from the drill. This also keeps normal sediment from collecting in the valve.

2. Determine the length of 1/4" Water Line you need. Measure from the connection on the rear of the refrigerator to the water pipe. Add 7 ft (2.1 m) to allow for cleaning. Use 1/4" (6.35 mm) O.D. (outside diameter) water line.

3. Using a cordless drill, drill a 1/4" hole in the household supply line you have selected.

4. Fasten the 1/4" Shutoff Valve to the household supply line with the Saddle Clamp. Be sure the outlet solidly in the end is 1/4" drilled hole in the Household Supply Line and that the washer is under the Saddle Clamp.

Tighten the packing nut. Tighten the Saddle Clamp screws slowly and evenly so the washer makes a watertight seal. Do not overtighten.

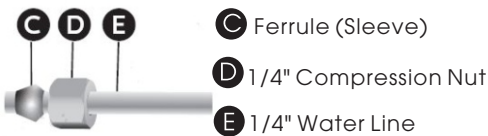


5. Slip the Ferrule(Sleeve) and 1/4" Compression Nut on the 1/4" Water Line as shown. Insert the end of the tubing into the outlet end squarely, as far as it will go. Screw the 1/4" Compression Nut onto the outlet end with an adjustable wrench. Do not overtighten or you may crush the 1/4" Water Line.
6. Place the free end of the 1/4" Water Line into an empty container or sink.
7. Turn on the main water supply and open shutoff valve to flush the 1/4" water line of any contaminants. Run water until it is clear.

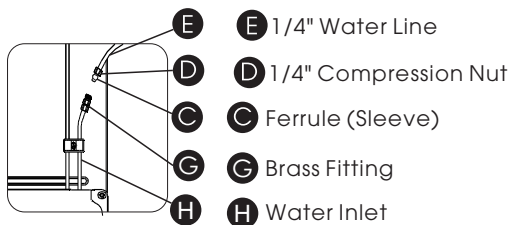
(2) Connect the Water Line to the Refrigerator

Important: If you turn the refrigerator on before the water is connected, turn off the ice maker.

1. Unplug the refrigerator or disconnect power.
2. Close the shutoff valve.
3. Thread a 1/4" Compression Nut and Ferrule (Sleeve) onto the free end of the 1/4" Water Line.



4. Insert the free end of the 1/4" Water Line into the Brass Fitting attached to the Water Inlet on the back of the refrigerator.
5. Slide the 1/4" Compression Nut over the Ferrule (Sleeve) and screw the 1/4" Compression Nut onto the brass fitting.



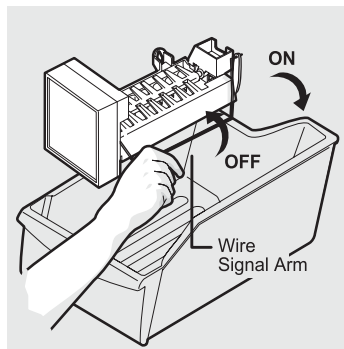
6. Confirm 1/4" Water Line is secure by gently pulling on it.
7. Turn on water supply and check for leaks. Correct any leaks.

⚠ Caution

- Remember that water quality determines your ice quality. If the water source uses a water softener, ensure that the softener is maintained and working properly. Chemicals from a malfunctioning softener can damage the icemaker.
- To stop the icemaker, lift the wire signal arm until it clicks and locks in the "off" position. The icemaker turns off automatically when the ice container is full.
- If the ice container gets too full or isn't used often enough, slight melting and refreezing may cause ice cubes to stick together in clumps. Please follow the below instruction.
 - Shake the container a few times to keep ice separated.
 - Remove the ice container from the freezer and break clumped up ice with a plastic scoop.

Important:

Your icemaker is shipped from the factory with the wire signal arm in the on position. To ensure proper function for your icemaker, hook up water supply immediately or turn icemaker OFF by lifting the wire signal arm until it clicks and locks in the UP position. If the icemaker is on and the water supply is not connected, the water valve will make a loud chattering noise.



Important:

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

Troubleshooting Tips

Problem	Possible causes	Solution
Icemaker is not producing ice	There is ice in the mold, but the icemaker is turned off.	Turn the icemaker on.
	There is ice in the ice mold, but ice cubes are jammed.	Clear the ice cubes.
	There is no water in the ice mold and the water fill tube freezes.	Check the end of the long water line , to see if it is plugged too far into the connector hole. make sure you can see the black marker.
		Unplug the unit. Remove the icemaker then remove the junction box cover. Check that the terminal of the water supply connector is plugged in well.
	There is no water in the ice mold and the icemaker water valve is defective or has wiring problems.	Call for service.
	There is no water in the ice mold and the icemaker is defective.	Call for service.
	There is ice in the ice mold but the icemaker is not working.	Call for service.
	There is water in the ice mold but the refrigerator is not working.	Check the refrigerator user manual.
The icemaker is not producing enough ice or ice cubes are small	The freezer door is not closed properly.	Check for the door seal and door opening.
	The icemaker water Valve is not working properly.	Call for service.
	The icemaker is not working properly.	Call for service.
	The refrigerator is not working properly.	Check the refrigerator user manual.

The ice cubes are hollow	The icemaker thermostat is defective.	Call for service.
	The icemaker water valve is defective.	Call for service.
	The refrigerator is not working properly.	Check the refrigerator user manual.
Ice cubes are frozen together in the ice container	If ice cubes haven't been used for a long period of time, they may freeze together.	Empty the container and let it produce ice again.
	Ice cubes are produced continuously because the feeler arm is blocked up.	Clear ice cubes around the wire signal arm.
	The freezer door is not closed properly.	Check for the door seal or door opening.
	The refrigerator is defrosting while producing ice.	This is normal operation. Shake the container to separate ices.
Icemaker evaporator is iced	The freezer door is not closed properly.	Call for service.
	Water supply connector is leaking water.	Check the alignment of the water supply connector and the fill cup of the icemaker