

Chapter 31 - Appliances

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Components		
Range	Refrigerator	Dishwasher
Disposal	Dehumidifiers	

Timing & Prerequisites

- The Appliances will be installed the day before or day of closing.
- Whirlpool will deliver the appliances to the site. They may also be installing the appliances depending on the preference of the Construction Director.

Materials Needed
Range (Gas or Electric) Gas Line Refrigerator Dishwasher Water Supply line for the dishwasher Dehumidifier Drain hose for the dehumidifier

Phase Specific Tools Needed	
Description:	Quantity:
<ul style="list-style-type: none"> ○ Pipe Wrench ○ Channel Locks ○ Crescent Wrench ○ Socket Set ○ Appliance Dolly ○ 1 1/2" hole saw 	

Install Range

Safety Issues
<ul style="list-style-type: none"> ➤ Ensure when you are installing a gas range that you make all connections correctly and according to directions. After making connections be sure to turn the gas valve on and then use a spray bottle filled with water and a small amount of soap to spray all connections points. ➤ Ensure the Tipping Guards have been installed.

- Either a gas or electric range will be installed depending on which one was selected by the Home Owner. The connections should already be there.
- If delivery did not include installation, install the range following the manufacturer’s directions.

- **The gas line must be snugged up to the flare union valve. If you are not certain or comfortable doing this, please let the Construction Supervisor know.**

Install Refrigerator

- The delivery will include unpacking and removing of the packing materials.
- Follow the manufacturer's directions to set up the handles and shelving.
- If the refrigerator was not unpacked, the bottom packing crate must be removed with a socket wrench.
- Place the product information in the drawer nearest the range.

Install Dishwasher

- Follow the manufacturer's directions to set up the appliance.
- The Plumber will install a "Y" connector in the drain line and a shutoff valve in the hot water supply line below the sink for connecting the dishwasher drain and water line.
- The electrician will install an electrical outlet below the sink for the dishwasher power cord.
- Unpack the dishwasher.
- Install drain line.
 - The drain should be packed in the dishwasher.
 - Drill a 1 ½" hole through the adjoining wall of the sink base cabinet at the back top corner of the wall. Drill the hole just below the bottom of the sink, but as high as possible. Check the directions for the proper location.
 - Attach the drain hose to the dishwasher then run it through the hole.
 - Attach the drain hose to the "Y" connector in the drain below the sink. Do not connect to the knock out in the disposal unless the "Y" connection has not been provided.
 - Hand tighten the nuts.
- Install the supply line.
 - A braided supply line will be provided by Habitat.
 - Drill a ¾" hole in the adjoining wall of the sink base cabinet towards the bottom of the cabinet.
 - Attach the supply line to the dishwasher then run it through the hole.
 - Attach the supply line to the shut-off under the sink.
 - Use a channel lock to tighten the fittings.
- Install the power cord.
 - If a power cord is not provided with the dishwasher, Habitat will provide the cord.
 - Drill a ¾" hold in the adjoining wall of the sink base cabinet towards the bottom of the cabinet.
 - Route the cord through the hole and plug it into the outlet under the sink.
- Place the product information in the drawer nearest the range.

Install Dehumidifier

- Follow the manufacturer's directions.
- Drill a ¾" hole through the lid of the sump pit.
- Attach the hose supplied by Habitat to the drain on the dehumidifier.
- Insert the hose down through the hole in the sump pit.
- Reseal the gap between the hose and the sump pump pit lid with silicone caulk.
- Plug the dehumidifier in.
- Set the controls.

Quality Assurance Checklist

- ◆ Check each device to ensure it is operating as expected.