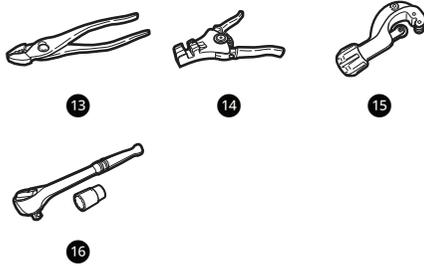


10 INSTALLATION



- ❶ Flat-Blade Screwdriver
- ❷ Phillips Screwdriver
- ❸ Hole Saw min. 2 1/2" bit
- ❹ Electric Drill
- ❺ Gloves
- ❻ Safety Glasses
- ❼ Adjustable Wrench
- ❽ Tape Measure
- ❾ Utility Knife
- ❿ Level
- ⓫ 1/4" Square Drive Wrench
- ⓬ Nipper
- ⓭ Pliers
- ⓮ Wire Stripper
- ⓯ Tubing Cutter
- ⓰ 3/8" Square Drive Wrench + 1/2" Socket

Installation Overview

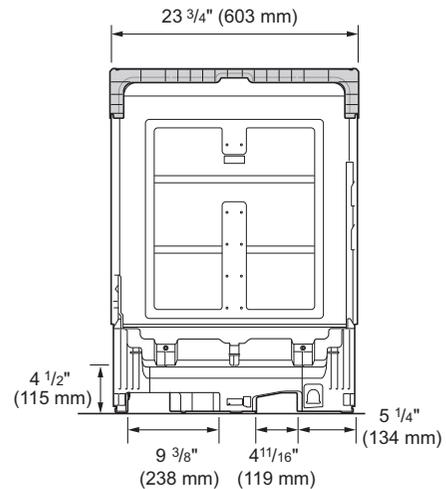
Please read the following installation instructions first after purchasing this dishwasher or transporting it to another location.

- ❶ Preparing Cabinet Opening
- ❷ Preparing Water and Electrical Connections
- ❸ Preparing Dishwasher
- ❹ Sliding Dishwasher into Cabinet Opening
- ❺ Connecting Water Supply Line and Power
- ❻ Connecting the Drain Hose
- ❼ Leveling Dishwasher

- ❽ Securing Dishwasher in Cabinet Opening
- ❾ Final Installation Check

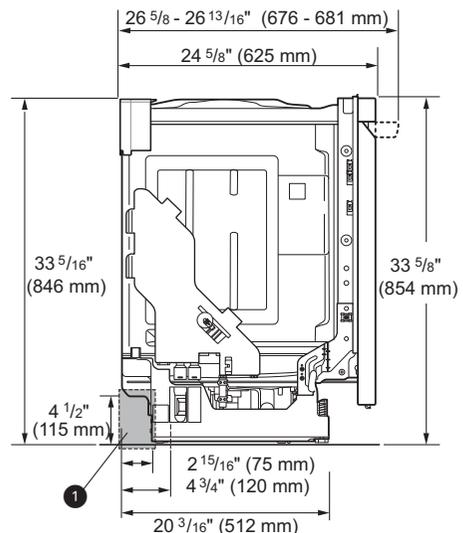
Product Dimensions

Back View



Side View

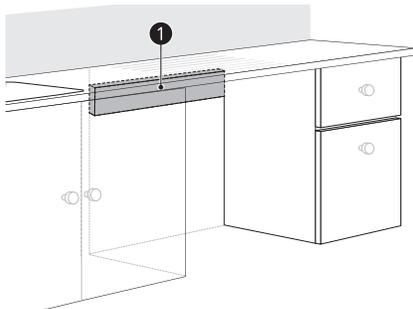
For easiest installation, see marked areas ❶ for water and electrical clearances in base of dishwasher. Water supply hose, drain hose and electric cable should be passed through this area.



Preparing Cabinet Opening

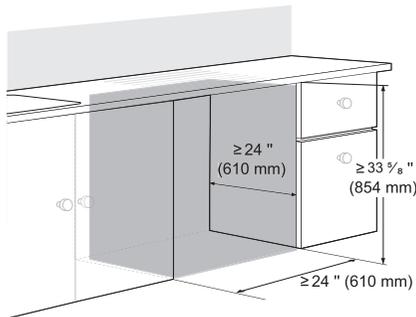
This dishwasher is designed to fit a standard dishwasher opening. An opening may be needed on both sides to route plumbing and electrical connections.

- To ensure proper drainage, install the dishwasher no more than 12 ft. (3.65 m) from the sink.
- The location must have sufficient space for the dishwasher door to open easily and provide at least 0.1" (2 mm) between the dishwasher and the cabinet sides.
- If installing the dishwasher in a corner, leave a minimum of 2" (50 mm) between the dishwasher and the adjacent wall.
- The adjacent wall must be free of obstructions.
- For flush installations only, you may remove the cabinet brace ❶ inside the cabinet.

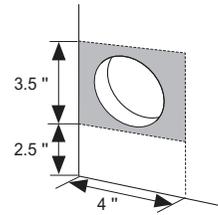


Choosing the Proper Location

- 1 Select a location as close to the sink as possible for easy connections to water supply line, drain hose and electrical connection.

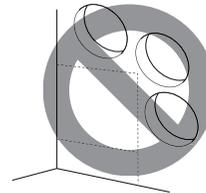


- 2 To allow for proper clearance of plumbing and electrical, use the template included with the literature to determine the clearance on the side of the cabinet where the cabinet meets the back wall. Using a 2 1/2" diameter hole saw, drill a hole in the target area as shown on the template.



⚠ WARNING

- The opening must be at least 2 1/2" (63.5 mm) in diameter to prevent damage to the cables and hoses during installation.
- Installation damage is not covered by the warranty, and leaks caused by improper installation may result in property damage.
- Do not use existing holes unless they are in the target area.
- Failure to properly locate the hole for the water and drain lines may prevent the dishwasher from installing flush with the cabinets and could result in kinked, pinched, crushed, stressed or damaged lines.



Preparing Water and Electrical Connections

⚠ WARNING

- Water Connection
 - Do not reuse an old hose. Use only a new hose when installing the dishwasher. The old hose could leak or burst causing flooding and property damage. Contact an LG Customer Information Center for assistance in buying a new hose.
- Electrical Connection
 - Use a time-delay fuse or circuit breaker.
 - Operate this appliance with the correct voltage as shown in this manual and on the rating plate.
 - The wiring must be grounded properly. If in doubt, have it checked by a qualified electrician.

⚠ WARNING

- Connect the appliance using 3-wires, including a ground wire.
- The appliance and outlet must be positioned so that the plug is easily accessible.
- Do not use an extension cable or adapter with this dishwasher.
- Do not overload the outlet with more than one appliance.
- The included 16AWG wire nuts should be used.
- It is the personal responsibility and obligation of the product owner to have a proper outlet installed by a qualified electrician.

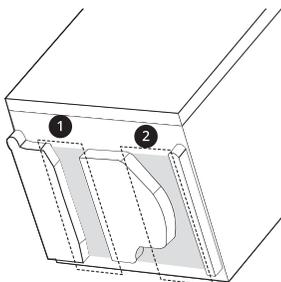
⚠ CAUTION

- When connecting the dishwasher water supply line to the house water supply, sealing tape or compound should be used on pipe threads to avoid leaks. Tape or compound should not be used on compression fittings.
- Connect the dishwasher to a hot water supply with a temperature range between 120 °F (49 °C) and 149 °F (65 °C). This temperature range provides the best washing results and shortest cycle time. To prevent damage to dishes, the temperature should not exceed 149 °F (65 °C).
- Water supply pressure must be between 20 psi and 80 psi (140–550 kPa). If the water supply pressure exceeds 80 psi, a pressure reducing valve must be installed. Otherwise premature failure of the inlet valve may occur.

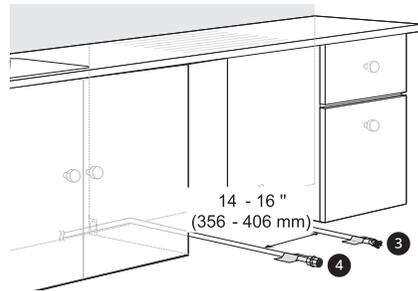
Routing Water Supply Line and Electrical Wiring

There are 2 channels in the bottom of the dishwasher for routing the water and electrical connections.

- As shown in the bottom view below, channel ① is for the water supply line, and channel ② is for the electrical cable.



- 1 Turn off the house water supply and the circuit breaker or dedicated power before connecting the dishwasher.
- 2 Run the water supply line along the floor 6 1/2" – 7 3/4" (165 mm – 197 mm) from the left side of the opening and tape it in place in front of the opening.
- 3 Run the electrical cable ③ along the floor 14" – 16" (356 mm – 406 mm) from the water supply line ④ and tape it in place.
 - The electrical outlet must be within 4 ft. (1.22 m) of either side of the dishwasher.
 - The best location for the electrical conduit is on the right side of the back wall. Re-route the electrical cable before installation if the electrical conduit pipe is longer than 3" (76 mm) and is centered on the back wall.



Preparing Dishwasher

⚠ WARNING

- Do not remove safety cover ①. Removal can result in fire, electric shock or death.

