Tools and materials needed for installation:

- Screwdriver
- 2 wire nuts (size 54)
- Adjustable wrench
- Hammer

Optional tools and materials needed for some installations:

- Pipe wrench
- Coupler
- Clamp
- Dishwasher drain connector
- Plastic tube
- Copper wire
- On-off electrical switch (15-20 amperes)
- Strain relief
- Worm gear clamp
- Hack saw
- Plumber's putty (1/4 lb.)
Start the installation
Installation dimensions
Garbage Disposer Dimensions

<table>
<thead>
<tr>
<th>MODEL No.</th>
<th>A</th>
<th>B</th>
<th>C</th>
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- **A**: Distance from bottom of sink to center line of disposer outlet. Add 1/8 inch when stainless steel sink is used.
- **B**: Length of waste line pipe from center line of disposer outlet to end of waste line.

**IMPORTANT**: Plumb waste line to prevent standing water in the disposer motor housing.

1. Check that all parts were included.

2. Electrical requirements

**CAUTION**

- **POTENTIAL PROPERTY DAMAGE**: Holiday with one hand while turning to prevent it from falling when the mounting ring is disconnected.

3. Remove old disposer.

**WARNING**

- **ELECTRICAL SHOCK HAZARD**: Disconnection from electrical supply failure to do so may result in electrical shock, personal injury, or death.

   - **Electrical specifications**
     - **Electrical requirements**

   - **Electrical ground is required on this appliance.**

   - **WARNING**
     - **ELECTRICAL SHOCK HAZARD**
     - **Electrical ground is required on this appliance.**
     - **Improper connection of the equipment-grounding conductor can result in electrical shock.**
     - **Check with a qualified electrician if you are in doubt as to whether the appliance is properly grounded.**

   - **Loosen**
     - **Screw**
     - **Ring**

4. To install your sink's first disposer:

   - **Use wrench to loosen nut at top of "P" trap.**
**5 Clean sink's drain line.**

If installing in a new home, go to Step 6. Remove drain trap. Using an auger, clean out the horizontal drain pipe that runs from the trap to the main waste pipe.

**6 Separate the mounting assembly.**

A. Holding the mounting assembly with one hand, use the other hand to insert a jam-breaker wrench into one of the lugs of the lower mounting ring. Turn assembly counterclockwise and remove.

B. Loosen screws on mounting assembly until they are level with mounting ring surface.

C. Use screwdriver to pry off snap ring.

D. Take assembly apart and set aside.

**7 Apply rubber gasket or putty to sink flange.**

A. The rubber sink flange gasket should always be used where possible. Place rubber gasket over sink flange. Go to Step 7-C.

B. If sink opening does not permit the use of a rubber seal, plumber's putty may be used. Form putty into a long roll by rolling it between your hands. Press roll under sink flange rim.

C. Place flange into sink drain hole. Push down gently but firmly to make sure flange sits evenly over gasket or in putty.

**8 Attach the upper mounting assembly.**

A. Working from under sink, slip the first rubber gasket, then the metal back-up ring (flat side up), up and over sink flange.

B. Holding the rubber gasket and metal back-up ring in place, attach the mounting ring to the sleeve with the three mounting ring screws. Do not tighten screws at this time.

C. Push rubber gasket, metal back-up ring and mounting ring further up sink sleeve. Slide snap ring onto sink sleeve until it pops into place in the sleeve groove.

D. Tighten mounting screws until entire mounting assembly is seated evenly and tightly against sink.

**9 Make electrical connections.**

A. Remove electrical plate from the bottom of the new disposer. Pull out the black and white electric wires. Locate the green grounding screw under plate.

B. Insert strain relief into hole. Insert power supply cable through strain relief. Pull cable wires through opening where disposer wires are located. Tighten strain relief screws.

C. Connect power supply cable wires to the disposer wires using electrical wire nuts or by soldering wires together. Be sure to connect white to white, and black to black. Wrap wire connections with electrical tape. Put wires back inside disposer housing. Note: This appliance is equipped with copper lead wires. If connection is made to aluminum house wiring, use only special connectors which are approved for joining copper to aluminum wires in accordance with the national electrical Code and local codes and ordinances.

**10 Check for proper grounding.**

**WARNING**

**Electrical Shock Hazard.**

Improper connection of the equipment grounding conductor can result in electrical shock, personal injury, or death.

Electrical ground is required on this appliance. DO NOT reconnect electrical current to main service panel until proper ground is installed.

A. If the cable leading to the disposer has three wires, attach the green grounding wire to the green grounding screw. Go to Step 10-D.

B. If the cable does not have a grounding wire, attach a length of copper wire (no smaller than the other cable wire) to the green grounding screw.

C. Attach the white wire of the grounding wire to a grounded metal cold water pipe. DO NOT ground to a gas supply line or hot water supply line.

Use grounding camp to secure wire to pipe if non-metal or plastic pipe is used in ground connections. Grounding wire must have a qualified electrician install a proper ground. "Grounded cold water pipe" must have metal tubing which is connected to a metal elbow and not be protected by a guide, rubber or other electrical wiring connections such as boxes. This applies to the electrical wiring connections which are installed in or above the sink area.
G. If drain is too short, measure how far trim outlet is from tube and buy a drain trap extension with a slip nut. Install trap extension.

11 Optional dishwasher drain connection

If you do not plan to connect a dishwasher drain to the disposer, go to Step 12.

Lay disposer on its side. Insert tip of screwdriver at an angle into drain hole opening. Tap screwdriver with hammer until molded plug pops out. Remove loose plug from disposer.

12 Connect disposer to mounting assembly.

A. Lift the disposer and position it so that the disposer's three mounting ears are in place under the ends of the sink mounting assembly screws.

B. Holding the disposer in place, turn the lower mounting ring with ears to the right until all three ears lock into place in the mounting assembly. The disposer will now hang by itself. The mounting ring will be locked in place later.

C. Insert one end of the plastic tube into the coupler and fasten with clamp provided.

D. Insert the gasket into the disposer discharge outlet. Gasket will be held in place by the waste line pipe flange. Place flange over waste line pipe. Secure flange to disposer with screw(s) provided.

13 Attach the disposer waste line pipe to drain trap.

A. Remove any foreign materials that may have dropped inside the disposer grinding chamber.

B. Turn the disposer around. Compare your disposer waste line pipe with the two types illustrated in C and D. Attach waste line pipe as specified.

C. If not already assembled, place the gasket over the end of waste line pipe. Gasket must be installed as shown to prevent leaking. Insert tube into disposer opening. Place flange over waste line pipe and gasket. Secure flange to disposer with screw provided.

D. Insert gasket into the disposer discharge outlet. Gasket will be held in place by the waste line pipe flange. Place flange over waste line pipe. Secure flange and waste line pipe to disposer with screw(s) provided.

14 Optional: Connect to dishwasher drain.

If you do not plan to connect a dishwasher drain to the disposer, go to Step 15.

Make sure connections comply with local plumbing codes.

A. A dishwasher drain connector kit may be purchased from a hardware store. Use worm gear hose clamp on dishwasher connection. Remove clamp on fitting from end of dishwasher drain hose.

B. Use large end of rubber coupler over disposer inlet tube. Fasten coupler to disposer with clamp provided.

C. Insert one end of the plastic tube into the coupler and fasten with a "U" clamp.

D. Slip the gear hose clamp over the dishwasher drain hose, pushing it back 2-3 inches. Slip drain hose over plastic tube. Slide clamp over tube and tighten. Be sure to tighten all three clamps.

15 Lock disposer in place.

Insert screwdriver or jam-breaker wrench into left side of a disposer mounting lug at the top of the disposer. Turn screwdriver or jam-breaker wrench to right until disposer is locked firmly in place.

16 Check for leaks and proper operation.

A. Slowly run water through unit. Then place stopper in position and fill sink.

B. Remove stopper and permit water to flow. Check for leaks at all plumbing connections. If there is a leak, retighten the connection at that point.

C. Turn on electrical power supply.

D. Turn water on for one minute. Check that disposer is operating correctly. Check for leaks at all plumbing connections again. If there is a leak, retighten the connection at that point.
Important safety instructions:

1. Read all the instructions before using the appliance.
2. To reduce the risk of injury, close supervision is necessary when appliance is used near children.
3. Do not put fingers or hands into waste disposer.
4. Turn the power switch to the OFF position before attempting to clear a jam or remove an object from the disposer.
5. When attempting to loosen a jam in a waste disposer, use a self service jam-breaker wrench as described in Use and Care Guide.
6. When attempting to remove objects from a waste disposer, use long-handled tongs or pliers.

Failure to follow these instructions could result in electrical shock, personal injury or death.

7. To reduce the risk of injury by materials that may be expelled by a food-waste disposer, place the stopper in the drain/grind position when grinding. Do not put the following into a disposer:
   a. Clam and oyster shells.
   b. Drain cleaner.
   c. Glass, china or plastic.
   d. Large, whole bones.
   e. Metal, such as bottle caps, tin cans, or aluminum foil.

8. When not operating a disposer, leave the drain cover in place to reduce the risk of objects falling into the disposer.

9. Before pressing red reset button, be sure the wall switch is in the off position and on batch feed models remove the stopper from the run position.

10. a. GROUNDING INSTRUCTIONS FOR CORD-CONNECTED UNITS: This appliance must be grounded. In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. If this appliance is equipped with a cord having an equipment-grounding conductor and a grounding plug, the plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

    Check with a qualified electrician or servicerman if you are in doubt as to whether the appliance is properly grounded. Do not modify the plug - if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

    b. GROUNDING INSTRUCTIONS FOR PERMANENTLY CONNECTED UNITS: This appliance must be connected to a grounded, metal, permanent wiring system, or an equipment-grounding conductor must be run with the circuit conductors and connected to the equipment-grounding terminal or lead on the appliance.

For service information, call toll-free 1-800-422-1230

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