IMPORTANT: Read and save these instructions.

IMPORTANT:
Installer: Leave Installation Instructions with the homeowner.
Homeowner: Keep Installation Instructions for future reference. Save Installation Instructions for local electrical inspector’s use.

Before you start...
Read the Electrical and Plumbing Installation Instructions.

Proper installation is your responsibility. A qualified technician should install this disposer. Make sure you have everything necessary for correct installation. It is the customer’s responsibility to contact qualified electrical and plumbing installers to assure installation is correct and meets all local codes.
Start the installation

Installation dimensions

Garbage Disposer Dimensions

<table>
<thead>
<tr>
<th>MODEL No.</th>
<th>A</th>
<th>B*</th>
<th>C*</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>GC1000</td>
<td>113⁄8</td>
<td>111⁄4</td>
<td>4</td>
<td>61⁄2</td>
<td>5</td>
</tr>
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<td>113⁄4</td>
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<td>153⁄4</td>
<td>113⁄4</td>
<td>4</td>
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<td>5</td>
</tr>
<tr>
<td>GC4000</td>
<td>18</td>
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<td>4</td>
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<td>5</td>
</tr>
</tbody>
</table>

B* = Distance from bottom of sink to center line of disposer outlet. Add 1/2 inch when stainless steel sink is used.

C* = Length of waste line pipe from center line of disposer outlet to end of waste line pipe.

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

1. Check that all parts were included.

Drawing shows just one model type.

Mounting assembly sink flange
2 rubber gaskets
back-up ring
mounting ring and 3 screws
snap ring

2. Electrical requirements

Electrical ground is required on this appliance.

**WARNING**

**Electrical Shock Hazard**

Electrical ground is required on this appliance. Do not ground to a gas pipe. Do not fuse the neutral or grounding circuit. Check with a qualified electrician if you are not sure the appliance is properly grounded. Failure to follow these instructions could result in death or electrical shock.

A. 120 Volt, 60 Hz, AC only, 15 or 30 Ampere fused electrical supply is required. (Time-delay fuse or circuit breaker is recommended.) It is recommended that a separate circuit serving only this appliance be provided.

B. **THE DISPOSER MUST BE CONNECTED WITH COPPER WIRE ONLY.**

C. Wire sizes and connections must conform to the requirements of the National Electrical Code, ANSI/NFPA 70 latest edition* and all local codes and ordinances.

D. This appliance should be connected to the fused-disconnect (or circuit breaker) box through flexible, armored or nonmetallic sheathed, copper cable (with grounding wire). The flexible armored cable extending from the appliance should be connected directly to the junction box.

3. Remove old disposer.

**WARNING**

**Electrical Shock Hazard**

Do not touch plastic electrical supply. Failure to do so could result in death or electrical shock.

A. Using a pipe wrench, disconnect the drain line where it attaches to the disposer waste line pipe.

B. If old disposer mounting is the same as your new one, insert end of jam-breaker wrench or screwdriver into right side of a disposer mounting ring lug at top of disposer. Hold disposer with other hand. Turn jam-breaker wrench or screwdriver counterclockwise until lug lines up with one of the sink-mounting assembly screws.

C. If old disposer mounting is different from your new one, remove the nuts on the mounting ring using pliers or an adjustable wrench. Remove old disposer. You may need to remove a clamp or mist the disposer to remove it.

D. Turn disposer upside down and remove the electrical plate.

E. Use a screwdriver to remove the grounding wire. Remove wire nuts from power wires. Separate disposer power wires from the cable wires. Loosen screw(s) on strain relief and remove cable from the disposer.

F. A U.L.-listed conduit connector must be provided at the junction box.

G. For continuous feed models: Install a 15- or 20-amp wall switch above the countertop and junction box inside cabinet as shown. (Switch and electrical wiring can be obtained locally.) Position switch in a convenient location. Connect switch to junction box.

H. Clean sealant from sink hole rim using a screwdriver or putty knife to scrape away all traces of putty or caulk from the sink hole rim. Hole rim must be as clean as possible for a good, watertight seal.

4. To install your sink's first disposer:

A. Use wrench to loosen nut at top of "P" trap.

**WARNING**

**Electrical Shock Hazard**

Electrical ground is required on this appliance. Do not ground to a gas pipe. Do not have a fuse in the neutral or grounding circuit. Check with a qualified electrician if you are not sure the appliance is properly grounded. Failure to follow these instructions could result in death or electric shock.

B. Using a pipe wrench, disconnect the drain line where it attaches to the disposer waste line pipe.

C. If old disposer mounting is the same as your new one, insert end of jam-breaker wrench or screwdriver into right side of a disposer mounting ring lug at top of disposer. Hold disposer with other hand. Turn jam-breaker wrench or screwdriver counterclockwise until lug lines up with one of the sink-mounting assembly screws.

D. Turn disposer upside down and remove the electrical plate.

E. Use a screwdriver to remove the grounding wire. Remove wire nuts from power wires. Separate disposer power wires from the cable wires. Loosen screw(s) on strain relief and remove cable from the disposer.

F. A U.L.-listed conduit connector must be provided at the junction box.

G. For continuous feed models: Install a 15- or 20-amp wall switch above the countertop and junction box inside cabinet as shown. (Switch and electrical wiring can be obtained locally.) Position switch in a convenient location. Connect switch to junction box.

H. Clean sealant from sink hole rim using a screwdriver or putty knife to scrape away all traces of putty or caulk from the sink hole rim. Hole rim must be as clean as possible for a good, watertight seal.
Attach the upper mounting assembly.

A. Working from under sink, slip the second 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.

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.

Make electrical connections.

A. Remove electrical plate from the bottom of the new disposer. Pull out the black and white electrical 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. \(\text{Note: This appliance is equipped with copper lead wires. If connection is made to aluminum house wiring, use only special connectors which are approved for joining copper to aluminum wires in accordance with the national electrical code and local codes and ordinances.}\)

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 gasket, 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.

Separate the mounting assembly.

A. Hold the mounting assembly with one hand, use the other hand to insert 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.

Check for proper grounding.

Electrical ground is required on this appliance. Failure to follow these instructions could result in death or electric shock.

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 other end of the grounding wire to a grounded metal cold water pipe.* Do NOT ground to a gas supply line or hot water supply line.

*Grounded cold water pipe must have metal continuity to electrical ground and not be interrupted by plastic, metal, or plastic insulating connectors such as hoses, fittings, washers, or gaskets (including water meter or pump).
D. Check to see if you have a water meter in your home. To have a grounded water pipe, the meter must have a wire clamp to either side of the meter. You can ground the water pipe by securely clamping a length of No. 6 copper wire for 200 amp service (or less) to the meter as shown. Use grounding clamps certified by UL, to attach wire to pipe.

G. If drain is too short, measure how far the trap outlet is from tube and buy a drain trap extension with a slip nut. Install trap extension.

H. When it fits, tighten the slip nut on the trap. For double sinks, we recommend use of separate traps for disposer and second sink.

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 or fitting from end of dishwasher drain hose.

B. Slide 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" clamp.

D. Slip the gear hose clamp over the dishwasher drain hose pushing it back 2-3 inches. Slip shank over plastic tube. Slide clamp in place 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 seal 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, tighten the connection at that point.
C. Turn on electrical power supply.
D. Turn water on. Run disposer for one minute. Check that disposer is operating correctly. Check for leaks at all plumbing connections again. If there is a leak, tighten the connection at that point.

E. 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.

F. 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.

PANEL C
Instructions pertaining to risk of fire, electric shock, or injury to persons.

Important safety instructions:

**WARNING**

PERSONAL INJURY HAZARD

When using electric appliances basic precautions should always be followed, including the following:

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

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.

**WARNING**

Electrical Shock Hazard

Electrical ground is required on this appliance. Do Not ground to a gas pipe.

Do Not change the power supply cord plug on cord connected appliances. If it does not fit the outlet, have a proper outlet installed by a qualified electrician. Check with a qualified electrician if you are not sure the appliance is properly grounded. Failure to follow these instructions could result in death or electric shock.

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.

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.

Save these instructions.

INSTALLER – Please leave Installation Instructions with the homeowner or occupant.

For service information, call toll-free 1-800-253-1301