



JETTED SINK INSTALLATION INSTRUCTIONS

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JETTED SINK SAFETY

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word "DANGER" or "WARNING."

These words mean:

⚠ DANGER

You can be killed or seriously injured if you don't immediately follow instructions.

⚠ WARNING

You can be killed or seriously injured if you don't follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

INSTALLATION REQUIREMENTS

Tools and Parts

Gather the required tools and parts before starting installation. Read and follow the instructions provided with any tools listed here.

Tools Needed

- Jigsaw
- Hole saw
- Drill
- Tub and tile caulk
- Dust mask

Parts Needed

- Faucet with check valve and accompanying plumbing supplies as needed

Check local codes. Check existing electrical supply. See "Electrical Requirements."

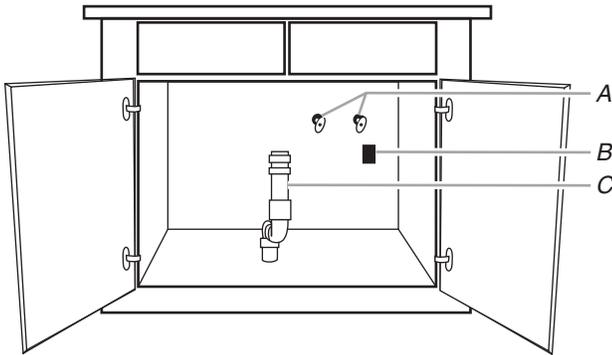
All plumbing connections should be made by a licensed, qualified plumber.

Location Requirements

Proper installation is your responsibility.

You will need:

- A water heater set to deliver a maximum of 120°F (49°C) water to the jetted sink.
- Access to a hot and cold water supply and drain as shown.

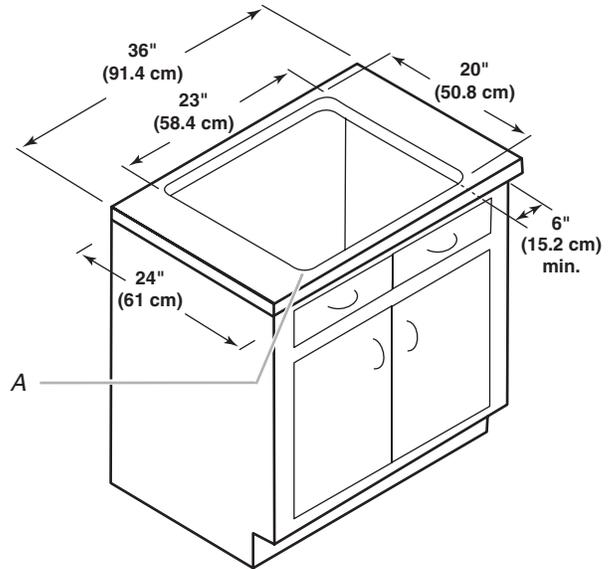


- A. Hot and cold water supply
- B. Grounded 3 prong, GFCI-protected electrical outlet
- C. Drain

- This outlet must be a grounded 3 prong, GFCI-protected electrical outlet located inside the base cabinet. The GFCI-protected electrical outlet must be installed within 2 ft (61 cm) of the countertop on the right side and a minimum of 16" (40.6 cm) above the finished floor to allow room for the timer.
- A 36" x 24" (91.4 cm x 61 cm) countertop with a 23" x 20" (58.4 cm x 50.8 cm) opening with 1" (2.5 cm) radius corners to install sink basin.

NOTE: The countertop on the right-hand side of the cabinet must extend at least 6" (15.2 cm) from the right side of the opening to the inside cabinet wall. This location will accommodate the pump/motor, which must be enclosed.

Countertop cutout dimensions



A. Radius corners—1" (2.5 cm)

Electrical Requirements

⚠ WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

- The jetted sink is supplied with a 1 HP, 110 volt pump/motor that draws 6.5 amps. A 15 amp, grounded 3 prong, GFCI-protected electrical outlet is required.

- A circuit breaker is recommended.
- The jetted sink is equipped with a power supply cord having a 3 prong grounding plug.
- To minimize possible shock hazard, the timer must be plugged into a mating, 3 prong, grounding-type outlet, grounded in accordance with local codes and ordinances. If a mating GFCI-protected electrical outlet is not available, it is the personal responsibility and obligation of the customer to have the properly grounded GFCI-protected electrical outlet installed by a qualified electrician.

- Check with a qualified electrician if you are not sure the jetted sink is properly grounded.
- Do not have a fuse in the neutral or ground circuit.

Plumbing Requirements

Sink should be plumbed to local plumbing codes.

All plumbing connections should be made by licensed, qualified plumbers.

INSTALLATION INSTRUCTIONS

This jetted sink has been water tested and found to be fully operational and leak free prior to shipping. Freight handling and job site exposure might have caused the jetted sink's condition to deteriorate. This unit must be tested for leaks and defects prior to enclosure/final installation. Failure to test for leaks and defects will void the warranty.

Unpack Jetted Sink

⚠ WARNING

Excessive Weight Hazard

**Use two or more people to move and install jetted sink.
Failure to do so can result in back or other injury.**

- Remove jetted sink from shipping carton. Remove all protective packaging materials such as tape and shipping pads. Save the 2 longer crossbars that were used to brace the sink in the carton. You will need these later.
- To prevent floor damage, set the jetted sink onto cardboard prior to installing in countertop.

Prepare Countertop

1. Place the jetted sink upside down on the countertop in the location where you want it installed.
2. With a pencil, trace a line around the outside edge of the jetted sink onto the countertop. Remove the jetted sink from the countertop.
3. Measure in 1/2" (1.3 cm) and draw a new line inside the first jetted sink outline. Cut the countertop on this inside line.

Prepare Jetted Sink

1. Determine faucet location.

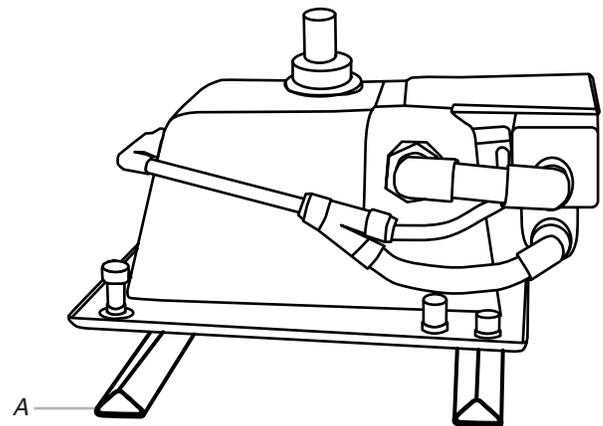
Style 1

If installing the faucet in the countertop, prepare the openings needed now. You have the option of locating the faucet opening in the countertop at either the rear or left-hand side of the sink.

Style 2

If installing the faucet in the jetted sink, you must first drill a faucet hole into the sink itself before installing the jetted sink in the countertop opening. Use the appropriate size hole saw to make an opening large enough for your faucet.

2. Working with 2 or more people, either on the floor or on the countertop, whichever is more comfortable, place the jetted sink upside down on top of the 2 longer crossbars that you saved from the sink packaging as shown.



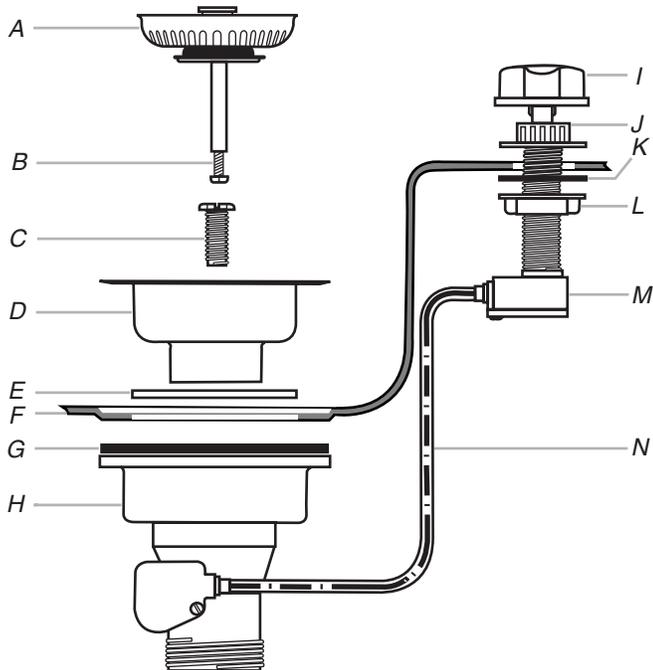
A. Crossbars from packing materials

3. Determine the location on the underside of the jetted sink where you will install the faucet. Mark the correct placement for the holes with a pencil.

IMPORTANT:

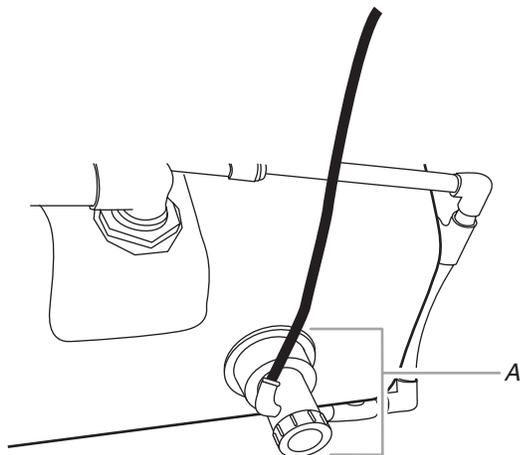
- Care must be taken when drilling to avoid damaging the jetted sink.
 - While drilling, do not apply excessive pressure. Allow the drill to do the work.
 - Do not drill completely through the top surface.
4. Drill a pilot hole from the bottom first. Stop drilling when the pilot bit pierces the top surface of the jetted sink.
 5. Flip the jetted sink over so that it is right side up. Place on cardboard packing material.
 6. Drilling from the top, place the pilot bit into the hole you made while drilling from the back.
 7. Drill straight down and through the jetted sink.

Install Pop-Up Drain



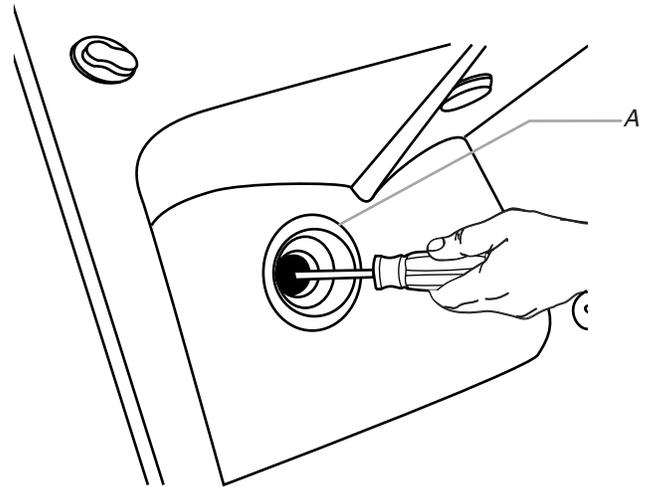
- | | |
|--------------------------|-------------------------|
| A. Drain plug | H. Waste body |
| B. Adjusting screw | I. Pop-up drain control |
| C. Large flat-head screw | J. Top nut |
| D. Grating | K. Rubber seal |
| E. Sponge seal | L. Locknut |
| F. Jetted sink base | M. Torque tube |
| G. Rubber seal | N. Cable assembly |

1. Fit the white, sponge seal to the grating and place the grating in the drain hole.
2. Fit the black, rubber seal (ribbed side up) into the recess in the top of the waste body.
3. Place the waste body assembly on the underside of the jetted sink directly below the grating.



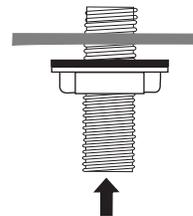
A. Waste body assembly

4. Make sure the grating and the waste body are aligned and seated to let the water pass freely.
5. Using the large, flat-head screw, attach the grating to the waste body assembly. Do not fully tighten the screw.

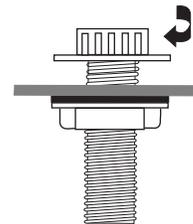


A. Grating

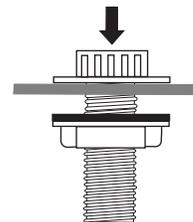
6. Attach the pop-up drain control knob to the torque tube. Screw the locknut sufficiently down the torque tube to allow the torque tube to be pushed up through the hole in the sink. Fit the rubber seal onto the torque tube and push the torque tube up through the hole.



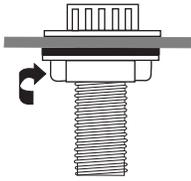
7. Screw the top nut down the torque tube as far as it will go.



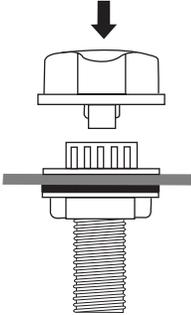
8. Push the torque tube back down the hole until the shoulder of the top nut is touching the sink.



- On the underside of the jetted sink, finger tighten the locknut.

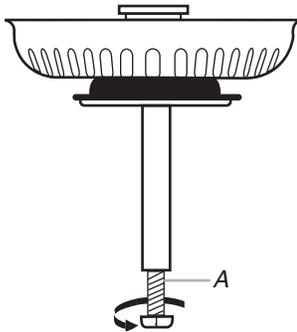


- Attach the pop-up drain control knob.



- Swivel the waste body and the torque tube into the best position to avoid contact with other jetted sink accessories, making sure the control cable is not twisted.
- Fully tighten the locknut. Push in the control knob and twist to check that the movement functions freely.
- Fully tighten the large, flat-head screw.

NOTE: Do not overtighten the large, flat-head screw. Hand tight plus ¼ turn should be sufficient to ensure an adequate seal.
- Adjust the drain plug height by turning the adjusting screw.



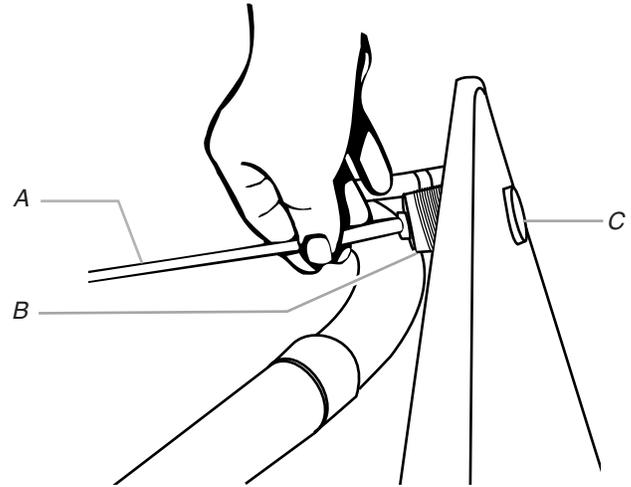
A. Adjusting screw

Install Faucet

Install a faucet with a check valve in the countertop or the sink according to the instructions provided with the faucet.

Install Jetted Sink

NOTE: Before installing the sink into the countertop, attach one end of the clear, air-line hose to the bottom of the jetted sink on/off button as shown.



A. Clear, air-line hose
B. On/off button (bottom)
C. On/off button (top)

- Caulk under the lip of the jetted sink and place it in the 23" x 20" (58.4 cm x 50.8 cm) hole cutout (no clamps or screws required).
 - Clean the excess caulk off the countertop and let dry completely before using.
-

Connect Water Supply

The jetted sink should be plumbed to local plumbing codes. All plumbing connections should be made by licensed, qualified plumbers.

Connect Power Supply

The TF-1TD is a solid state switch with a built-in, 10-minute time delay feature. The unit plugs into any grounded 3 prong GFCI-protected electrical wall outlet.

IMPORTANT: It is recommended that the timer control be installed in-line between the 115V AC power supply and the grounded 3 prong GFCI-protected electrical outlet. Consult an electrician or other qualified installer for assistance.

⚠ WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

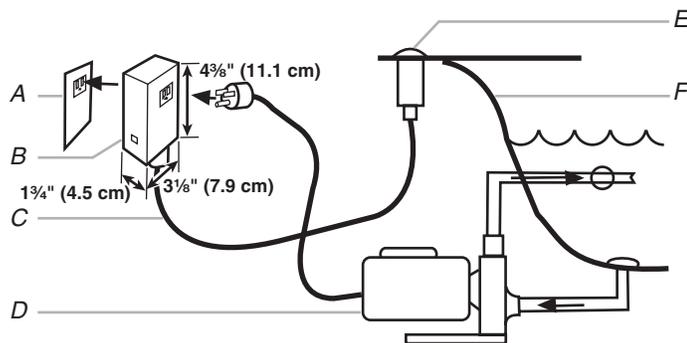
Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

1. Plug the cord into the receptacle on the TF-1TD timer control box.



A. Grounded 3 prong GFCI-protected electrical outlet
B. TF-1TD unit
C. Clear air-line hose

D. Pump/motor
E. On/off button
F. Jetted sink basin

2. Plug the TF1TD timer control box into a grounded 3 prong GFCI-protected electrical outlet.
3. Attach the other end of the clear, air-line hose to the bottom of the TF-1TD timer control box. You may cut the hose to the proper length if necessary.

Complete Installation

1. Check to be sure you have all of your tools.
2. Check the electrical requirements. Be sure that you have the correct electrical supply and the recommended grounding method. See "Electrical Requirements."
3. Check to be sure all parts are now installed. If there is an extra part, go back through the steps to see which step was skipped.
4. Dispose of/recycle all packaging materials.
5. Check to be sure the water faucets are working.
6. Check for leaks around the faucet and drain.
7. Use a mild solution of liquid household cleaner and warm water to remove waxy residue caused by the protective shipping material. Dry thoroughly with a soft cloth. For more information, see the "Cleaning Your Jetted Sink" section of the Use and Care Guide.
8. Read "Jetted Sink Use" in the Jetted Sink Use and Care Guide.
9. To test your jetted sink, fill it to the correct level with water and measure half of the normal recommended amount of low-sudsing detergent. Pour detergent into the jetted sink. Set the jet speed control and push the on/off button to start the pump/motor. Allow it to complete one 10-minute cycle.