

CECO

PORCELAIN ENAMELED CAST IRON KITCHEN SINKS

Enameled Cast Iron Sinks Information and Installation Instructions

Our products are hand made, one at a time, just as they have been for over 86 years.

This means that no two pieces are exactly the same. Modest variations are the unmistakable mark of hand craftsmanship and should not be confused with defects.

Each piece must pass extensive inspection quality control.

LIMITED LIFETIME WARRANTY

The manufacturer guarantees all kitchen fixtures manufactured since September 2009 against defects due to faulty workmanship or materials for the lifetime of the product in its original installation so long as the original consumer owns his or her home.

Normal wear and tear such as gloss reduction due to poor cleaning practices or hard water conditions, scratching, and staining are not to be confused with defects such as chips, burns, and cracks. Any item proven defective will be replaced with a new fixture. No labor or other consequential charges will be allowed.

IMPORTANT NOTE:

These instructions supersede any installation instructions printed on the product carton packaging.

CAUTION:

You should inspect all products for any defects prior to installation. Once you have inspected the sink, return it to its protective carton until you are ready to install it. Read all instructions carefully before starting the installation.

HANDLE WITH CARE

Your new sink has an attractive high gloss, durable enamel finish. It may also be very heavy, possibly requiring two people to lift it. To protect the finish and avoid possible damage before and after installation, please handle your sink with care. Place the sink on a thick bed of newspapers when working on it before installation. Also, line the inside of your sink with newspapers to prevent scratches until installation is complete.

THE TEMPLATE

The template is intended to be used as a guide only! If a paper template is not included with your sink, the cut out dimension for the sink you have purchased is 31 3/4" x 20 3/4" with 2" radius corners. Manufacturer does not guarantee or in any way warrant installation due to the wide variance of installation practices and other conditions beyond our control.

TOOLS AND MATERIALS

You can determine which tools and materials are necessary by reading the complete installation instructions and examining the job you have to do.

The most common tools used for installation are:

- Scissors/utility knife
- Sponge
- Basin or pail
- Basin wrench
- Tape measure
- Adjustable wrench (10")
- Flat blade screwdriver
- Emery cloth
- Hacksaw

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- Hammer
- Saber saw or keyhole saw
- Adhesive sealant with rust inhibitor
- Cardboard, newspapers or a drop cloth
- Tube cutter
- Pipe wrench (12")
- Plumber's putty
- Metal basket strainer
(double bowl sinks require two)

The materials listed below are optional. They are only necessary if existing materials are unusable:

- Two shut-off valves with 1/2" I.P.S. outlet, optional (check house piping to determine valve inlet dimension)
- 1/2" I.P.S. hot and cold water supply tubes with compression nut and ferrule
- Drain tail pipe (two for double bowl sinks), trap and additional drain pipe as required

REMOVING OLD SINK

1. Turn off the water supply. This is done by closing the two shut-off valves located under the sink. If there are no shut-off valves leading to the sink, you must turn off the water at the main valve.

Check to be sure the water is off by turning on the faucet where you are working until the water stops flowing. If you have shut off the main valve in a two-story house or greater, you should open another faucet on the same level.

Water will then drain from the entire line. This will help avoid spills. Be sure and close the faucets before you turn on the main valve again.

2. Disconnect the drain pipes. Place a basin under the work area to catch any water that may still be in the drain.

3. Before removing anything else, check to see how the sink is supported. If the pipes in the wall are providing support for the sink, use care in removing the faucet connections. The sink may fall once the faucet is disconnected, so have a helper hold it up while you work.

Detach the faucet from the shut-off valves by unscrewing the compression nut at the joints between the valves and the water supply tubes. If the connection is corroded, you may need to cut off the nut with a hacksaw. If there is no nut or shut-off valve, use a tube cutter or hacksaw to separate the faucet from the water supply tubes. Keep the basin and sponge handy for water that remains in the pipe and faucet.

INSTALLING YOUR NEW SINK

Note: Some installation steps will be used twice for double bowl sinks.

4. Once you have completed your counter top and determined the general location of your new kitchen sink, you are ready to cut the opening into which it will be placed.

5. A paper or cardboard template can help you cut an accurate opening. Cut the template outline and place the template on the counter top.

6. Normally you will want your sink to be centered between the front edge of the counter and the backsplash. If your counter is more than 24" front to back, you may place the sink 2" to 3" from the counter edge.

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The minimum distance from the sink to the front of the counter should be 1 1/2". Be sure to take the sink rim into account when making your measurements.

7. Drill a hole inside the template line. The hole should be large enough to take the blade of a key hole or saber saw. Carefully saw along the line. Support the piece you are cutting out to prevent splitting when the cut is nearly complete.

8. It is best to mount the basket strainer and faucet before installing your sink. Install the basket strainer first. Clean around the drain hole with a damp cloth to remove any dust or other particles that may interfere with a good seal.

Remove the washers and nuts from the basket strainer. Pack the underside of the basket with Plumbers Putty and push it firmly in place. Put the large rubber washer over the basket treads from under the sink, followed by the thin washer (may be made of paper, fiber, or metal).

Screw the large metal lock nut tightly against the washers. The excess putty that oozes out of the joint should be cleaned off immediately with a soft cloth.

Next, attach the faucet according to the manufacturer's instructions. When the faucet is securely in place, attach the new hot and cold water supply tubes to the faucet tubes.

9. Clean the counter top surface around the cut-out area with a damp cloth. Apply a **continuous bead** of sealant to the surface around the cutout opening.

10. Carefully place the sink into the opening. A helper may be necessary to lift it into position. Align the sink in the opening, then push downward at intervals all around the edge. This will cause some of the sealant to ooze out.

Wipe off the excess immediately with a damp cloth. It will be difficult to remove if allowed to dry.

11. Connect the drain tailpiece to the bottom of the basket strainer, then fasten the trap and drain extension to the wall stub-out in the wall.

12. Use a tube cutter to trim the free ends of the hot and cold supply tubes to at least 1/4" longer than necessary to reach into the outlets of the shut-off valves. It is better to cut the tubes longer than needed, then trim them again.

Remove any burrs or sharp edges with an emery cloth. Join the hot and cold water supplies to the shut-off valves as instructed by the faucet manufacturer.

13. Turn on the main water supply then open the shut-off valves. Check all connections for leaks. A slight tightening of about 1/4 turn will normally stop any leaks.