

Porcelain Vessel Sink Installation



Required Supplies & Tools

A. One of these two type of Faucets



Threaded Faucet



Nut & Bolt Faucet

B. Under Counter Supply/Drain Lines & Shutoff Valves



Water Supply Lines + Shutoff Valves



Drain Line

Required Supplies & Tools

C. Euro-Style P-Trap + Required Tools



- Euro-Style P-Trap
- Crescent Wrench (9").
- Channel Lock Wrench (10").
- Pipe Cutter or Hack Saw.
- Screw Driver (7").
- Box Wrench (1/2").
- Plumbers sealant tape.
- GE 100% clear silicone caulking (small tube) and caulking gun if 11 oz tube is used.

Porcelain Vessel Sink Installation



STEP 1

- Drill holes for vessel sink & faucet.

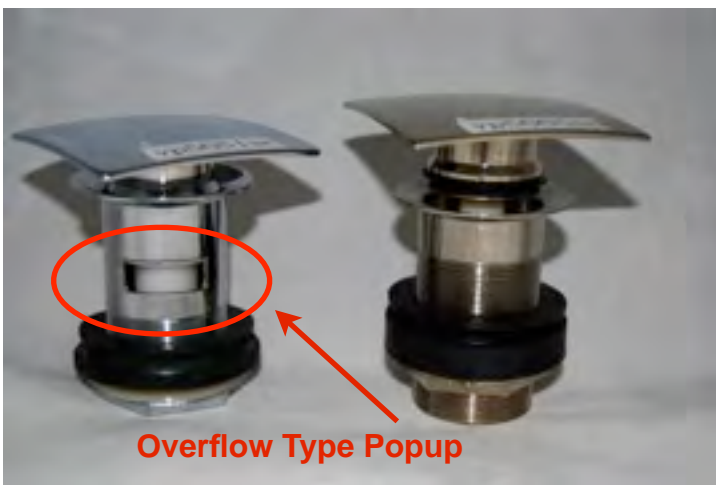
NOTE: The hole diameters should be 1 5/8" hole for the sink and 1 1/4" hole for the faucet.



Caulking location for Porcelain Vessel Sink

STEP 2

- Applying caulking to bottom of vessel sink.



STEP 3

- Identify if an Overflow or No-Overflow drain is being used for the Porcelain Sink being installed.

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STEP 4

- Apply caulking to underside rim of pop-up so a tight seal will be formed between the pop-up and the Porcelain Vessel sink.



STEP 5

- Feed pop-up or grid drain through the sink hole & counter top.



STEP 6

The pop-up drain should extend at least 1" below the bottom of the counter top. If this does not happen, you might have to route out the bottom of the counter until it does.

- Screw on pop-up assembly nut until sink is secure. Make sure the washers and plumbing tape is used. Tighten the drain nut with a wrench or channel lock wrench - when resistance is felt, stop tightening or sink breakage may occur.

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STEP 7

- Let caulking set 6-12 hours before filling bowl.
- Turn on hot water then cold water and again check for leaks. Let water run for 5 minutes. When no leaks are found (Great Job!) start using this beautiful and wonderful vessel sink.

Water Saver Fact

If you turn your shutoff valves to half open, the savings per year, per person is estimated at approximately 2000 gallons.

This number times 250 million people adds up to a savings of over 50 trillion gallons of potable water; and that my friends is a lot of water.

Roger Longwell
CEO





Porcelain Vessel Sinks

Faucet and Sink Assembly for most Counter Top and Vanity Systems

1. Tools & Supplies

Crescent Wrench 6"
Channel Lock Wrench 8" (optional)
Pipe Cutter or Hack Saw (optional)
Screw Driver 7"
Box Wrench 1/2" (optional)
Plumbers sealant tape.
GE 100% clear silicone caulking (small tube) and caulking gun if 11 oz tube is used.

2. Sink

There are 3 types of bath Sinks

Vessel - Top mount (recommended for all vessel sinks).

Rim Mount Sinks – are sinks that fit into a sized hole allowing just the rim of the sink to show on the top. The rim holds and attaches the sink to the counter top when (this sink is used, fill the rim with GE 100% clear silicone caulking, fit the sink into hole and weight the sink down until the silicone sets, this takes approximately 24 hours).

Under Mount Sinks – are glued to the under side of a counter top (this procedure is for a professional installer only.)

The standard materials that sinks are constructed from.

Stone (Granite, marble, Onyx, Travertine, Sandstone & Limestone).

Glass (Needs to be tempered and at least 1/2" thick).

Metal (Copper, Brass Bronze, Stainless, etc.).

Ceramic (baked clay with a fired finish).

Porcelain (There are many different ways to manufacturer porcelain.) The standard is a ceramic slurry, poured into a mold then baked to a bisque surfaced solid, then enamel glazed is applied , and again baked to a water resistant hardness.

Note: Glass vessel sinks are the only sinks needing a connecting ring.

Stone sinks need to be siliconed onto the counter top above the top drain hole. Let the sink set at least 24 hours before assembly. This will a sure the silicone is set.

Metal vessel sinks need to be siliconed to the counter top above the drain hole.

Rim Mount or Under Mount sinks need professional installation.

Ceramic sinks should also be siliconed to the counter top 24 hours before assembly.

Porcelain needs to be 100% silicone attached for 24 hours before assembly.

3. Counter Top Preparation

Set sink on the counter top in the spot you want the sink to be mounted. Mark the center of the sink hole, on to the counter top (black marker is best)

Set your faucet next to the sink making sure it is in the proper location for easy use, mark the center of where the faucet is to be.

Set the sink and faucet aside and drill the holes. 1 5/8" hole for the sink and 1 1/4" for the faucet.

Counter top is to be no more than 1" in thickness (if thicker than 1" pop-up assembly may not be long enough)

4. Faucet Installation

Attach Water lines to faucet. Note: these supply lines have an O-Ring system. Do not over tighten, hand tighten to a snug pressure.

Attach mounting bolts to bottom of the faucet. Screw securing bolts into faucet approximately 1/2".



Porcelain Vessel Sinks

Faucet and Sink Assembly for most Counter Top and Vanity Systems

Set Faucet over faucet hole, feeding supply lines and bolts through hole. If there is an o-ring for the bottom of the faucet, be sure to secure it to the bottom of the faucet. You might have to feed just one faucet supply line then bring the second up from the bottom of the hole.

Have someone hold the faucet in the proper alignment to the sink, while the second person attaches the horse shoe mounting plate bracket through the attaching bolts. When the mounting plate is pushed against the bottom of the counter top, and the bolts are through the mounting plate bracket, screw the bolt nuts all the way until the faucet is secure and will not move. Use a crescent wrench or 1/2" box wrench to tighten nuts. Attach faucet water lines to shut off valves. Note if water supply lines that were supplied by faucet manufacturer do not reach, an extension supply line with a connecting nipple may be needed.

Turn water on check for leaks. **Note:** All, and I mean all, threads be them a water line, drain lines, or faucet, needs plumbers tape around the threads, Not only will this stop leaks but also will make taking them apart easier.

If no leaks in the faucet, attach the sink.

1. Sink Installation

PORCELAIN & CERAMIC VESSEL SINKS

- Use white tub caulking with water clean up to attach vessel sink to the counter top.
- Make sure sink is directly lined up with the 1 5/8" hole.
- Let the sink set approximately 24 hours before completing installation.
- When vessel sink is firmly set feed pop-up drain through drain hole.
- Make sure there is enough thread exposed on the bottom of cabinet top so the pop-up connecting nut can be threaded. Also there needs to be enough thread for the drain exterior pipe to be installed. Do not forget to caulk the pop-up flange to sink.
- Note that the faucet should all ready be installed and water lines hooked up.
- Check for leaks and tightness.

RA Longwell
CEO

WARNING

Do not install any Green Leaf products with out intensive inspection. Once installed there will be no recourse for free replacement. all Green Leaf products are pre-inspected by our quality control personal for flaws, chips, discoloration BEFORE being released to a customer. Contact a Green Leaf Customer Service Representative with in 30 days from the delivery date. After 30 days there is no replacement for any damaged material. However all claims either inside or outside the warranty date will be reviewed.

Green Leaf will not be responsible for breakage do to improper installation. BE SURE to read and Follow ALL Directions provided by Green Leaf. If for any reason you can not understand the information & directions provided in the carton, you should call Customer Service direct Monday – Friday between the hours of 9am – 6pm PST; and Saturday from 9am – 2pm. Also you can leave a message and a Customer Service Agent will get back to you. Call 888-509-4140 or 509-943-4140. Fax is 509-943-4160.

Rules to Help with a Happy and Finished Project

1. DO NOT OVER TIGHTEN ANY NUT LARGE OR SMALL.
2. WHEN INSTALLING STONE, PORCELAIN, OR METAL VESSEL SINKS, GLUE THE SINK TO THE TOP WITH GE 100% CLEAR SILICONE AND LET SET FOR 3-12 HOURS UNTIL SINK IS COMPLETELY FIRM ON THE COUNTERTOP.
3. WHEN INSTALLING GLASS SINKS BE SURE TO USE A CONNECTING RING THAT IS FROM WORLD OF SINKS OR GREEN LEAF KITCHEN AND BATH PRODUCTS.
4. GREEN LEAF DOES NOT RECOMMEND RECESSING ANY VESSEL SINK
5. DO NOT OVER TIGHTEN POP-UP OR ANY DRAIN ASSEMBLY. SINK SHOULD BE SETTING FIRM BUT NOT RIGID, BREAKAGE MAY OCCUR.
6. USE PLUMBERS TAPE ON ALL DRAIN PIPE THREADS.
7. ALL ACCESS HOLES FOR FAUCETS AND SINKS ARE 1-1/4" FOR FAUCETS AND 1 5/8" FOR SINKS.
8. SET FAUCETS FIRST AND CHECK FOR LEAKS. FOLLOW INSTALLATION ON THE PROPER FAUCET TO BE INSTALLED.
9. DO NOT OVER TIGHTEN WATER SUPPLY LINES!!! HAND TIGHTEN TO A FIRM PRESSURE.
10. FOR VANITIES THAT ARE WALL HUNG, BE SURE TO INTSAL BACKER BOARDS BETWEEN THE STUDS BEFORE SHEET ROCKING. 2" X 8" MINIMUM.
11. ALL BATH CABINETS SHOULD NOT BE OVER 30" IN HEIGHT FROM FLOOR TO TOP OF COUNTER TOP. THIS GIVES ROOM FOR THE VESSEL SINK TO NOT BE OVER 37" FROM THE FLOOR TO THE TOP OF THE SINK. UNDER MOUNT SINKS MAY HAVE A TALLER CABINET. 34" TO 36" FROM FLOOR TO TOP.

IMPORTANT

ALWAYS CHECK FOR LEAKS AND DAMAGE BEFORE THE FINISH OF THE PROJECT

THANK YOU - GREEN LEAF

Very Important

After connecting the O-ring water lines to a firm position, make sure you hold on to the water supply line so it can not turn when hooking up to the shut off valve.

So often when plumbers are wrenching the water supply line nut to the shut off valve, they are inadvertently loosening the O-ring end where they are attached to the faucet.

One needs to hold the water line with one hand while tightening the nut to the shut off valve with the other hand.

Thank You,
Installation Staff

Faucets

Note: All World of Sinks faucets are either a nipple thread nut system or a nut & bolt system. The faucet type and shape will change but the installation of one or the other faucet attachment will stay the same. Check to see which one you have.

Procedure for installation

1. Faucet hole size is 1 1/4 inch
2. Attach water supply lines, if not already attached (hand tighten to snug)
3. Feed lines attached to faucet through faucet hole
4. Attach connecting ring & bolts
5. Connect water lines to shut-off valve. Supply lines may need extenders.
6. Check for leaks

THANK YOU - GREEN LEAF

**Care and Maintenance
for
Porcelain Vessel Sinks**

O.K. Now that you are living in the wonderful world of Vessel Sinks, here are few tips to keep your sinks as new and beautiful as the day it was installed.

1. Cleaning a porcelain sink using green techniques...

A. Oxiclean or Sodium Bi-carbonate

I. Spray sink with white vinegar

II. Scrub sprayed sink with a brush or scotch brite

III. Rinse

IV. Soak hand towel in oxygen bleach solution

V. Set towel on stained areas for 15 minutes

VI. Remove towel and scrub oxygened bleached areas

VII. Rinse

VIII. Back to white

