



CAST IRON FREESTANDING TUB
INSTALLATION INSTRUCTIONS AND CARE GUIDE

CONTENTS

Tub Installation	2
Rough-In.....	2
Drain Installation	3
Drain without Overflow.....	3
Waste and Overflow Drain.....	3
Trimming Drain Pipes.....	4
Maintenance and Care	5



TUB INSTALLATION

Before you begin, read the following installation and care instructions. Observe all local plumbing, building, and electrical codes. Install your tub on an adequately supported and level finished floor.

Unpack and inspect your tub for damages. If any damage is found, contact Customer Service at 1-866-855-2284 and return the tub to the packing crate. If you need assistance while installing your new tub, call Customer Service.

We recommend consulting a professional if you are unfamiliar with installing bathroom fixtures and plumbing. Keep the plumbing connections around the tub easily accessible for any future maintenance that may be necessary. Measure doorways and other entry points to ensure the tub will fit into the desired installation area. Signature Hardware accepts no liability for any damage to the floor, walls, plumbing, or for personal injury during installation.

TOOLS AND MATERIALS:

Pencil or Marker	Tape Measure	Straight Edge
Metal Blade Hacksaw	Thread Sealant	Silicone Sealant (100% Neutral Cure)
Adjustable Wrench	Damp Cloth	

ROUGH-IN

The type of drain and connection method used will vary depending on your plumbing access. Determine the type of connection (drain tailpipe, hub adapter, or waste and overflow) taking into account the height and material of the finished floor.

Because the tub specification measurements are approximate and slight variations may occur, we highly recommend performing any rough-in procedures with the tub on site. For on-site rough-in information, go to the appropriate Drain Installation section. For determining drain rough-in without the tub present, continue to Steps 1 and 2 before proceeding to drain installation.

Refer to the tub's PDF Specifications sheet. (This can be viewed/printed from the website.)

1. Determine the desired location and orientation of the tub and mark the location on the floor using the length and width dimensions provided in the PDF Specifications.
2. If the tub will have a drain only (no waste and overflow), use a tape measure and straightedge to mark the centerline of the drain location on the floor. Use the dimensions provided in the PDF Specifications as a guideline. If the tub will have waste and overflow, use the dimensions provided in the PDF Specifications as a guideline.

Proceed to the appropriate Drain Installation section



DRAIN INSTALLATION

DRAIN INSTALLATION (NO OVERFLOW)

1. Set the tub in the desired installation location and mark the drain hole location on the floor. If your tub is not present, mark the location determined in the **Rough-In** section.
2. Move the tub away from the installation location so that the plumbing can be installed. The drain pipe should extend approximately 6" above the finished floor.
3. When the floor is finished, measure and cut the drain pipe to the appropriate length for the type of drain that is being used.
4. Temporarily set the tub in location and verify that the tub is level. If not, adjust the tub feet as necessary.

Note: Try to keep the bottom of the tub approximately 1/8" from the finished floor. The weight of the tub, water, bather, etc. are fully supported by the tub feet.

5. Apply thread sealant or plumber's tape to any threaded connections that do not have a rubber sealing gasket. Apply silicone sealant to the underside of the drain flange and thread it through the tub and into the drain pipe.
6. Tighten all connections with your adjustable wrench to secure. Do not overtighten.
7. When your tub is in place and all connections have been made, fill the tub with water to check for any leaks from the connections and verify that the drain is working properly.
8. Finish your installation by running a bead of silicone adhesive around the base of the tub. Wipe away any excess sealant with a damp cloth.

WASTE AND OVERFLOW DRAIN INSTALLATION

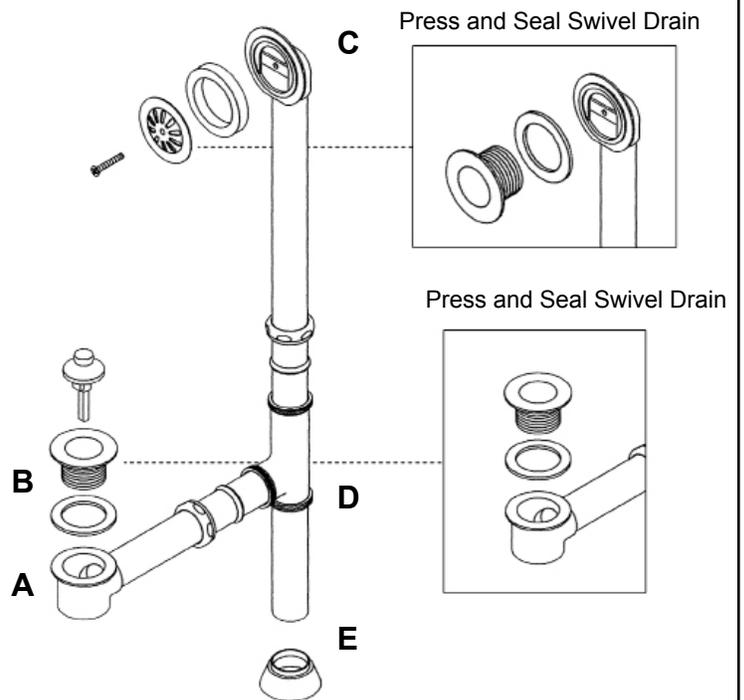
A waste-line hole, or mouse-hole, has been pre-drilled near the bottom of your tub and an overflow hole has been drilled near the tub rim with the overflow assembly installed.

1. Set the tub in the desired installation location and drop a plumb line from the center of the overflow drain assembly to the floor to determine the drain hole location. Mark the drain hole location on the floor. If your tub is not present, move on to the next step using the location determined in the **Rough-In** section.
2. Move the tub away from the installation location so that the plumbing can be installed with a drain pipe at the appropriate height for the waste and overflow piping.
3. Because tubs vary in size, measure your space thoroughly before installation. Trim pipes accordingly to ensure a correct fit. See the **Trimming Drain Pipes** section for more information.
4. Temporarily set the tub in location and verify that the tub is level. If the tub is not level, adjust the tub feet as necessary.

Note: Try to keep the bottom of the tub approximately 1/8" from the finished floor. The weight of the tub, water, bather, etc. is fully supported by the tub feet.

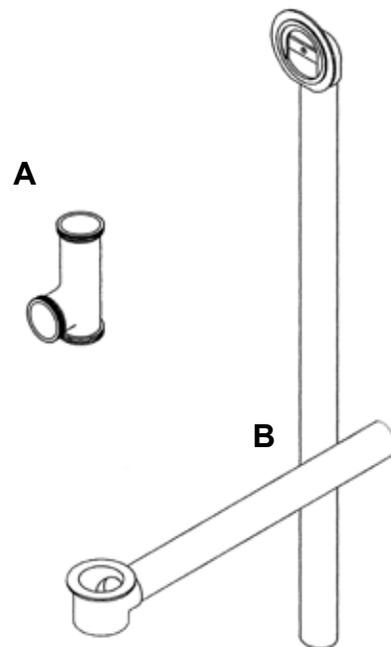


5. Apply thread sealant or plumber's tape to the threads at each end of all pipes prior to installation. If two pipes arrive attached, be sure to take them apart and apply sealant before installing.
6. Connect the tub shoe assembly (A) and rubber washer to the tub drain (B).
7. Install the overflow assembly (C) with the beveled washer, overflow plate, mounting screw (provided) and any other washers or rubber sealing gaskets included.
8. Attach the waste and overflow tee (D) to the overflow assembly (C) and shoe assembly (A) with sealing washers and slip nuts.
9. Attach the drain tube and flange (E) to the waste and overflow tee (D) with the sealing washer and slip nut.
10. When your tub is in place and all connections have been made, fill the tub with water to check for any leaks from the connections and verify that the drain is working properly.
11. Finish your installation by running a bead of silicone adhesive around the base of the tub. Wipe away any excess sealant with a damp cloth.



TRIMMING DRAIN PIPES

1. To trim the drain shoe and overflow pipes appropriately, connect the overflow and drain assemblies and pipes to the tub.
2. The overflow tee (A) will be attached at the points where the drain pipes intersect (B).
3. Measure and mark each pipe so that the end of the pipe reaches a little over halfway into the overflow tee (A).
4. Trim the pipes at the marked locations with a hacksaw. Make sure that the blade is suitable for cutting metal





MAINTENANCE AND CARE

Porcelain enamel is a hard, glass-like surface that is not easily scratched and is extremely durable. Cast iron tubs have a porcelain enamel surface that is fused to the cast iron under high temperatures and is one of the best heat resistant coatings available. Over time, if the incorrect cleaners are used, small pits or scratches may occur that can trap dirt in the porcelain.

A thorough rinsing and wipe-down with a soft cloth is recommended after each use. For more extensive cleaning, clean with a gentle soap, such as dish washing liquid or an all-purpose cleaner. Avoid abrasive cleaners which can damage your tub. The exterior of the tub is coated with oil-based paint that should be cleaned with soap and water. Mineral spirits should be avoided.

Porcelain enamel can be chipped if it sustains a very hard blow. Cast iron tubs have a very long life span and will typically last over 60 years. Repairing a chipped porcelain bathtub, sink or cracked tile requires a strong repair material with a trusted bonding agent. If your tub is chipped, we recommend the services of a professional to repair the damaged area.