**CAST IRON TUB**

# INSTALLATION INSTRUCTIONS AND CARE GUIDE

Before you begin, read the following rough-in, installation and care instructions. Observe all local plumbing and building codes. Because cast iron tubs can be quite heavy, when installing your tub ensure that the weight is evenly distributed across several floor joists. Planks of wood underneath the tub feet can help spread the weight. In some cases, you may need to reinforce the joists below.

Unpack and inspect your tub for damages. If any damage is found, contact Customer Service at 713-316-3195 and return the tub to the packing crate. If you need assistance while installing your new cast iron tub, call Customer Service.

# TOOLS AND MATERIALS:

Adjustable Wrench Tape Measure PVC SAW

Plumber’s Tape Straightedge PVC Primer and Glue

Silicone Sealant Level Hack Saw

Silicone Thread Tape Pencil Drill

Silicone Adhesive Vice Grips Pliers

Protective Clothing Safety Glasses Damp Cloth Drain and Drain Adapter (if needed)

# 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.

We highly recommend performing any rough-in procedures with the tub on site.

1. Determine the desired location and orientation of the tub, and mark the location on the floor using the length and width.
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. If the tub will have waste and overflow, use a tape measure and straightedge to mark a spot on floor 1" beyond the tub rim at the centerline of the side of the tub.

**Proceed to the appropriate Drain Installation section.**

# 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 and cut a drain hole in the floor using the outline created in the

previous step.

1. Install the waste drain in the floor at the appropriate height for waste and overflow piping.
2. Trim the waste and overflow pipes as necessary to ensure the overflow line is straight and all pipes are properly

aligned.

1. 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. If your tub does not feature adjustable feet, level with plastic shims. Shims can be held in place by silicone sealant.
2. Apply silicone thread sealant to the underside of the drain flange before threading it through the tub and into the drain.(Note: Silicone sealant requires 24-hour cure time.)
3. After the floor is finished, set the tub in place and connect the waste and overflow piping to the drain in the floor. Apply plumber’s tape or silicone thread sealant to any threaded connections that do not have a rubber sealing gasket. After hand tightening all connections, add a quarter turn with your adjustable wrench to secure. Do not overtighten.
4. When your tub is in place and all connections have been made, run a bead of silicone adhesive around the base of the tub. Wipe away any excess sealant with a damp cloth.
5. After installation, fill the tub with water to check for any leaks from the connections and verify that the drain is working properly.

# CAST IRON 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 dishwashing 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.