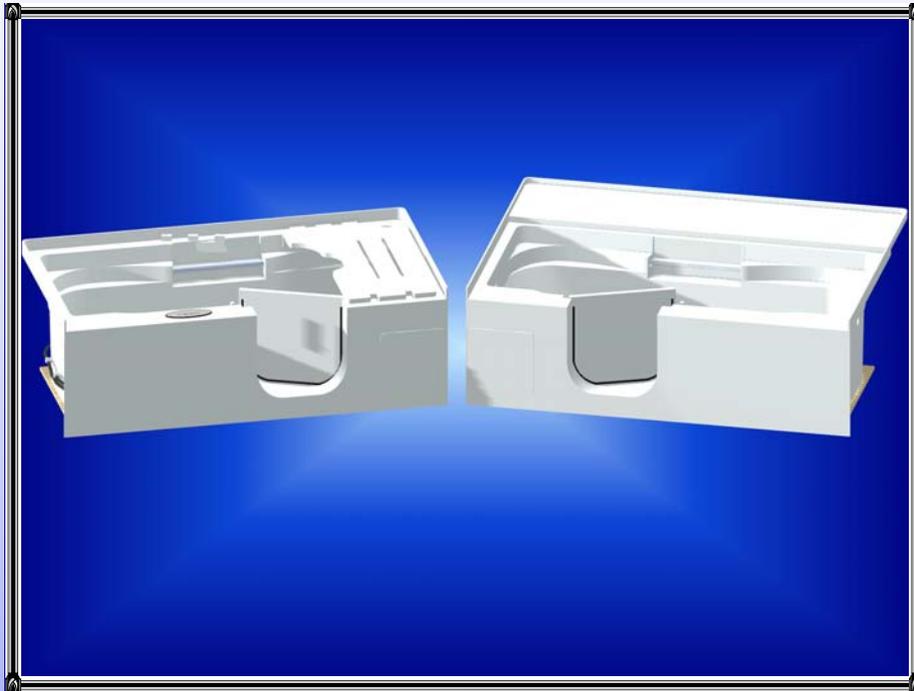


**SAFETY**  
*Bath*

# SAFETY BATH SO-LO

INSTALLATION & USER'S GUIDE



Safety Bath's Innovative New Traditional Size Walk-In Bathtubs

Safety Bath Inc.  
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Rev. 6  
July 2009

[www.safetybath.com](http://www.safetybath.com)



**Check your new Safety Bath So-Lo thoroughly for concealed damage which may have occurred during shipping.**

**If any damage is found,  
DO NOT INSTALL!  
DO NOT ATTEMPT TO REPAIR!  
Call one of our friendly  
support staff at  
1-877-826-6666  
for further instructions.**



# Important!



## SAVE THESE INSTRUCTIONS!

### BEFORE BEGINNING INSTALLATION:

- ◆ **CAREFULLY READ THE INSTRUCTIONS BEFORE BEGINNING THE INSTALLATION.**
- ◆ **CONSULT LOCAL BUILDING CODES** to make sure the installation complies with standards. Installation must comply with current local, state, and federal building, plumbing, and electrical codes.  
*It is the responsibility of the installer or owner to determine code requirements prior to installation.*
- ◆ **CHECK ENTIRE UNIT FOR CONCEALED DAMAGE.** If there is damage, **DO NOT INSTALL!** Shipping damage must be reported to the carrier immediately. All damage must be discovered and reported prior to installation in order to have it covered under the warranty!
- ◆ **Examine all plumbing for damage before installation.** If damage has occurred, call Safety Bath at 1-877-826-6666 for instructions. Alterations or modifications of the plumbing system could expose users to serious injury and will invalidate all warranty claims.
- ◆ **To protect the unit during installation,** use a section of the box, cut to size, and place in the bottom of the bathtub. When possible, keep the box cover over the bathtub.
- ◆ **Make sure the bathroom floor is level and strong enough to support the weight of the water-filled bathtub (50 pounds/sq.ft.).** If you are renovating, remove necessary wallboard to install framing and plumbing. Make sure the walls are properly insulated and comply with the appropriate building code.
- ◆ **DO NOT BUILD THE SURROUNDING STRUCTURE BEFORE RECEIVING YOUR SO-LO.** Structure measurements should be verified against the unit to ensure a proper fit. **Make absolutely certain that access panels and/or service openings are properly placed and that all possible areas where service may be required are accessible.**
- ◆ If your Safety Bath So-Lo is equipped with the Warm Air Massage hydrotherapy system, the system's blower has been pre-installed at the factory. An access panel has been installed in the front panel of the tub to make servicing the blower motor easier. Safety Bath highly also recommends cutting a minimum of 12" x 12" (30 cm x 30 cm) access panel in the floor to access water supply shut-off valves, plumbing, etc.
- ◆ Connections should be made by licensed plumbers and electricians.
- ◆ **If replacing an old bathtub, Safety Bath highly recommends cleaning old waste plumbing before installing your new So-Lo.** Debris can fall into the drain during bathtub removal, causing blockages in the drain.
- ◆ **Safety Bath recommends leaving the bathtub's door slightly ajar when not in use.** This will help extend the life of the door seal, and will provide years of trouble-free service.

# *TABLE OF CONTENTS*

Safety Instructions —————→ 5

General Information —————→ 6

Installing Your Bathtub —————→ 8

- Installation Overview
- Tools & Materials Required
- Framing
- Plumbing Rough-In
- Electrical Rough-In
- Setting Bathtub In Place
- Connections & Testing
- Finishing

Enjoying Your Bathtub —————→ 29

- At A Glance
- The Safety Seat
- Optional Hydrotherapy Systems:
  - Description
  - Air, Rather Than Water
  - Controlling Your Warm Air Massage Equipped Bathtub
- The Heated Shower Deck
- Care And Maintenance
- Safety Instructions And User Precautions
- Troubleshooting



# For Your Safety!



## **IMPORTANT SAFETY INSTRUCTIONS**

**BASIC PRECAUTIONS TO BE TAKEN TO PREVENT FIRE HAZARDS, ELECTRICAL SHOCKS, PERSONAL INJURY OR DAMAGE WHEN USING YOUR BATHTUB. READ AND FOLLOW ALL INSTRUCTIONS!**

### **Urgent Safety Information For Bathtubs Equipped With Hydrotherapy Systems**

**THE HYDROTHERAPY SYSTEM'S BLOWER MUST BE CONNECTED TO A POWER SUPPLY CIRCUIT THAT IS PROTECTED BY A GROUND FAULT CIRCUIT INTERRUPTER (GFCI) OR EQUIVALENT.**

A GFCI should be provided by the electrician and should be routinely tested. To test the GFCI, push the test button. The GFCI should interrupt power. Push the reset button. Power should be restored.

If the GFCI fails to operate in this manner, there is a ground fault, indicating the possibility of electrical shock. **DO NOT USE THE UNIT.** Disconnect the unit and have the problem corrected by a qualified electrician before using.

The blower motor unit must be connected to a dedicated 110/120 volt circuit protected by a 15-amp class A ground fault circuit. (Outside Canada and U.S.A., refer to current standards of country in question). Use the unit only for its intended use as described in this manual. **Do not use attachments not recommended by Safety Bath.**

Building materials and wirings should be routed away from the blower unit on hydrotherapy-equipped bathtubs.

### **Important Safety Information**

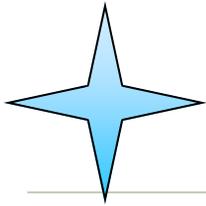
**Tampering or modification of this bathtub or its components by anyone other than an authorized service technician will invalidate the warranty, and could cause personal injury or death.**

**The installer or owner bears all responsibility for complying with all local, state, and federal codes when installing this unit.**

### **Other Information Worth Mentioning**

Your Safety Bath So-Lo *does not* include plumbing fittings, pipe, or futures. We do offer an *optional* Faucet & Drain Kit which includes a Moen scald-guard lifetime-warranted faucet, chromed overflow kit, and chromed drain kit with pop-up valve.

If you are replacing an old bathtub, you may be able to use some of the original components. Have your plumber inspect old components for wear or breakage, and decide whether they should be replaced before installing your new bathtub.



# General Information



## GENERAL INFORMATION TO BE READ PRIOR TO INSTALLATION

### Warm Air Massage Hydrotherapy System

Please refer to local building codes.

Your bathtub must never rest on the jets or related tubing and brackets. It must be level.

Do not kink the hose during installation. Doing so may restrict airflow and burn out the blower motor.

**Your bathtub must be tested:** Before completing the installation, fill the bathtub with water. Start the blower and inspect thoroughly for leaks. **Do not operate the hydrotherapy system if the bathtub is not properly filled to this level or if the bathtub is empty.** Safety Bath is not responsible for defects and problems discovered or that could have been repaired or avoided by following this procedure.

The heating element on your Warm Air Massage system heats the air blown into the bathtub to prevent the water from cooling too fast. It will not, under any circumstances, reheat or maintain the temperature of the bath water.

**IMPORTANT:** The blower must not be insulated and must have sufficient air space to permit proper functioning. Make sure there is sufficient air circulation.

#### **Before finalizing the installation:**

Before completing installation, all surfaces surrounding the bathtub (floor and walls) must be thoroughly cleaned and completely free of all wood shavings or any other particles that could be aspirated into the system by the blower.

Make sure no objects are obstructing the blower's air intake.

Before filling the bathtub with water, be sure it is completely clean and free of any dirt, dust or installation debris.

Before completing installation, check that the blower, air push button and all connections are operational.

Ensure flexible hose between the blower and manifold is secure. Check clamps on each end. **Verify that all the clamps are sufficiently tightened before final installation.**

### Electrical Connections

**The electrical connections, wiring, junctions, and receptacles are subject to inspection and approval by local authorities. A licensed electrician must make all electrical connections.**

### The Integrated Tile Flange

If finishing the surrounding walls of the bathtub with cementboard (or equivalent) and tile, please refer to the detailed instructions and illustrations on pages 21 & 22. **Safety Bath does not recommend, nor does it support, any other tile installation methods, including but not limited to, installing the cementboard over the tile flange.**

# Safety Bath So-Lo Warranty

**\*\* Lifetime replacement warranty on the door seal.  
First year - parts and labor, remaining years - parts only.**

**\*\* Three (3) year parts & labor warranty on the bathtub,  
door, and latching mechanism.  
First year - parts and labor, remaining 2 years - parts  
only.**

**\*\* One year warranty on hydrotherapy components,  
heated seat, Safety Seat and Retaining Bracket, and  
drain components purchased from Safety Bath.**

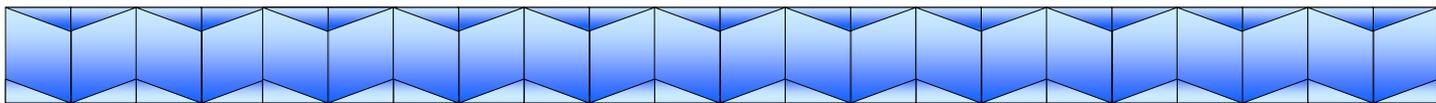
**\*\* Faucets come with limited lifetime warranty from the  
manufacturer.**

**\*\* Safety Bath Inc. covers labor and one (1) hour travel-  
ing time during the first year only. Balance is own-  
ers/end-user's responsibility.**

**\*\* Warranty *does not* cover the installation of your So-Lo  
bathtub, nor does it cover any modifications made to the  
Safety Seat or Retaining Bracket.**

**\*\* Warranty applies to the original purchaser only.**

**\*\* All warranty claims must be pre-authorized by Safety  
Bath Inc.**



# Installing Your Bathtub



**Your Safety Bath  
So-Lo has been  
engineered  
and built to  
Safety Bath's  
highest standards.**

**Proper installation and  
testing by qualified trades  
is essential to your  
continued satisfaction  
with your investment.**

Installation of a Safety Bath So-Lo is simple and straight-forward. Follow this intuitive step-by-step guide to ensure a smooth, trouble-free installation.

# *INSTALLATION OVERVIEW*

## **1** *Framing And Preparation - page 10*

We at Safety Bath have engineered our bathtubs from top to bottom guided by a commitment to uncompromising quality and functional design... HOWEVER, THE INSTALLATION ACCOUNTS FOR UP TO 50% OF THE QUIETNESS OF OPERATION OF HYDROTHERAPY BATHTUBS! The quietness of operation is often an overlooked feature until the bather steps into the whirlpool bathtub, ready to relax and enjoy the benefits of energized water. Ensure that the floor framing can adequately support the weight of the bathtub, water, and occupant.

## **2** *Plumbing Rough-In - page 13*

Cut a hole in the sub floor to accommodate bath waste. In slab on grade or concrete floors where cutting is not desired, the bathtub may be raised up by building the platform deeper and using extra mortar under the bathtub. If a joist must be notched, verify that structure will not be weakened. Remove only what is necessary. Provide supply pipe, rough-in waste and vent (not included) as per code.

## **3** *Electrical Rough-In - page 14*

If your Safety Bath So-Lo has been shipped with an optional hydrotherapy system, it has been factory wired for 110/120 VAC. For Canadian and American customers, a Class "A" 15-amp Ground Fault Circuit Interrupter (GFCI) is required. For other countries, please refer to federal code. If your So-Lo was shipped with the optional Heated Shower Deck, a second dedicated GFCI circuit is required for the heated seating surface, as well as a 30-minute timer switch.

## **4** *Setting The Bathtub In Place - page 17*

Safety Bath highly recommends setting the bathtub in mortar to level bathtub and prevent shifting after installation. Apply mortar to the floor area that makes contact with the bathtub base, as well as the bathtub "shoulders" that rest on the frame around the outside of the bathtub. Set bathtub in opening and push firmly on bottom of bathtub to secure in mortar. Check continuously with a level in all 3 planes to ensure the bathtub is level and plumb. A "twisted" tub can result in door seal failure. Allow mortar to set before installing plumbing fixtures and drain.

## **5** *Connections And Testing - page 19*

Install overflow, drain, and vent and connect with appropriate fittings. Connect trap to bath waste. Install faucet valve assembly securely and connect water lines. **Bathtub must be clean before filling.** Close waste and fill bathtub 2" above jet fittings. Run blower for approximately 20 minutes. **Check for leaks.** Turn blower off and let water sit in bathtub about 5 minutes. **Check for leaks in supply pipe and fittings, as well as around the drain.** Not all leaks are obvious when pump is running. Check all waste pipe and fittings for leaks while the bathtub is draining.

**NOTE:** ALL BATHTUBS ARE FACTORY TESTED FOR PROPER WATERTIGHT OPERATION. However, **the bathtub must be filled with water to check for leaks that may have resulted from handling, or installation deficiencies, before finishing the bathtub installation. A bathtub that has been "twisted" during installation may result in door seal failure.** Safety Bath is not responsible for any defects that could have been discovered, repaired or avoided by following this testing and inspection procedure.

## **6** *Finishing - page 21*

Before finishing with your choice of material, make sure access entries are available to the waste & plumbing fixtures. Finish as desired and seal around bathtub, preferably with 100% silicone. Install Safety Seat if desired.



# Tools And Supplies Required

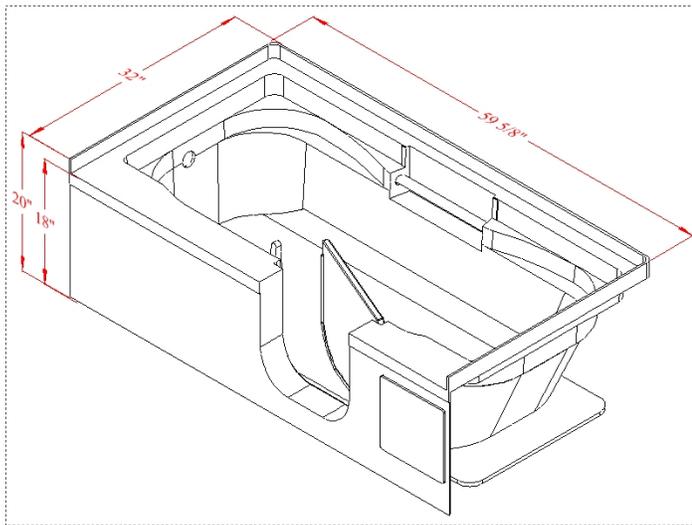
## Tools:

- ⇒ Safety Glasses
- ⇒ Measuring Tape
- ⇒ Level
- ⇒ Hammer
- ⇒ Pipe Cutter
- ⇒ Hacksaw
- ⇒ Emery Cloth
- ⇒ Pencil
- ⇒ Torch
- ⇒ Damp Cloths for Cleanup
- ⇒ Screwdriver to Fit Framing Screws (if used)

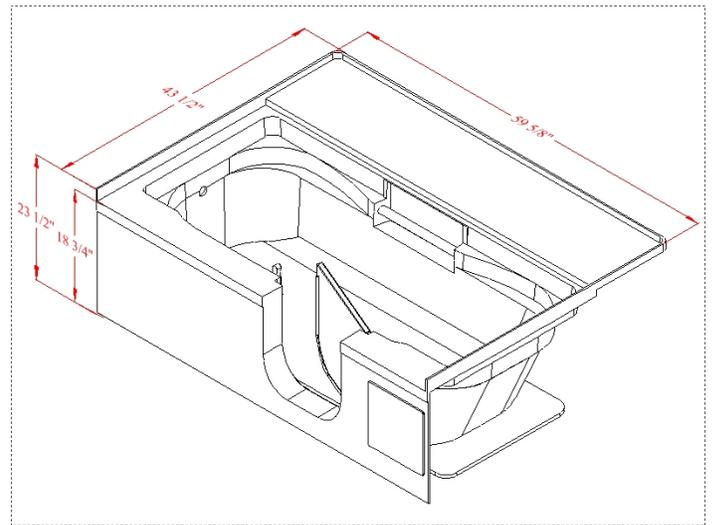
## Supplies:

- ⇒ Silicone Caulk
- ⇒ 1 1/2" ABS Pipe
- ⇒ Required ABS Fittings & Adapters
- ⇒ ABS Pipe Glue
- ⇒ Solder & Flux
- ⇒ 1x3 or 1x4 Dimensional Lumber - Approx. 11' (4.3m)
- ⇒ 2x4 Dimensional Lumber (So-Lo with Shower Deck Only) - Approx. 5' (1.5m)
- ⇒ Screws Or Nails For Framing
- ⇒ 1 1/2" Standard Bathtub Drain
- ⇒ 1 1/2" Standard Bathtub Overflow
- ⇒ Waterproof Electrical Junction Boxes (2 Required)

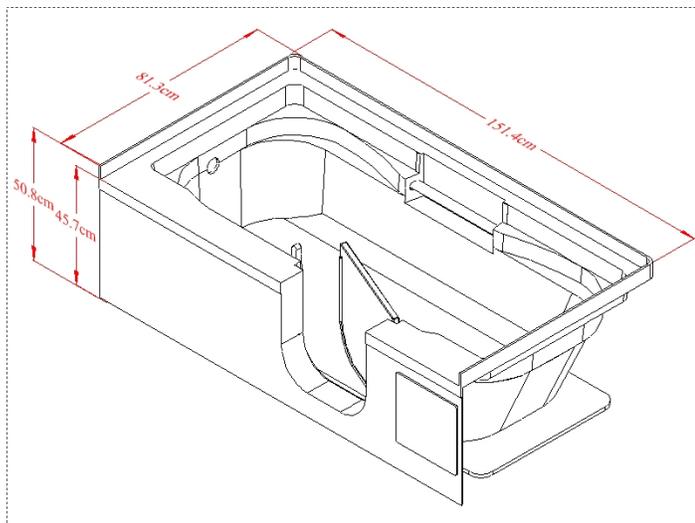
1. If your Safety Bath So-Lo is replacing an old bathtub, remove old bathtub first. Observe basic safety precautions, and wear a dust mask during this step. Thoroughly clean up the work area to remove all debris, dirt, nails, etc. Thoroughly inspect the old tap & faucet assembly if you intend to re-use it. Safety Bath highly recommends replacing all plumbing components to ensure an aesthetically pleasing finished product.
2. Refer to the illustrations below for rough opening dimensions. **Remember:** small variances in manufacturing dimensions may occur. *Do not* proceed with framing until you have examined and measured the bathtub to ensure a correct fit.
3. Install 1x3 or 1x4 dimensional lumber to provide support along the edges of the bathtub, and 2x4 lumber along the back of the shower deck on Heated Shower Deck models. See illustrations on following page.



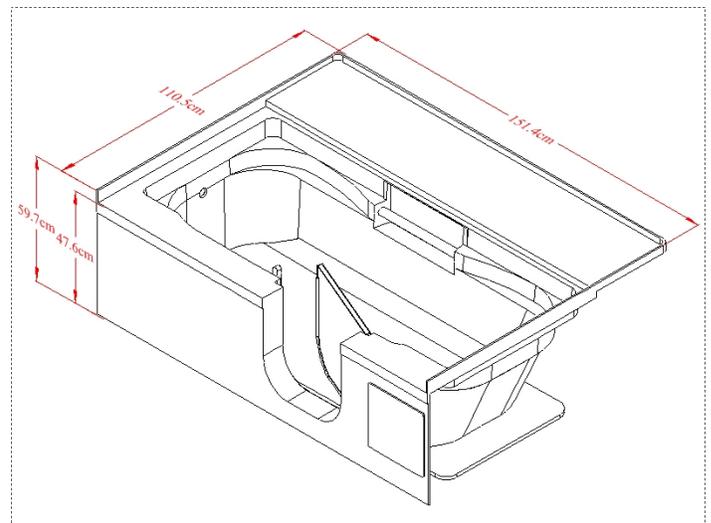
Safety Bath So-Lo Overall Outside Dimensions (SAE)



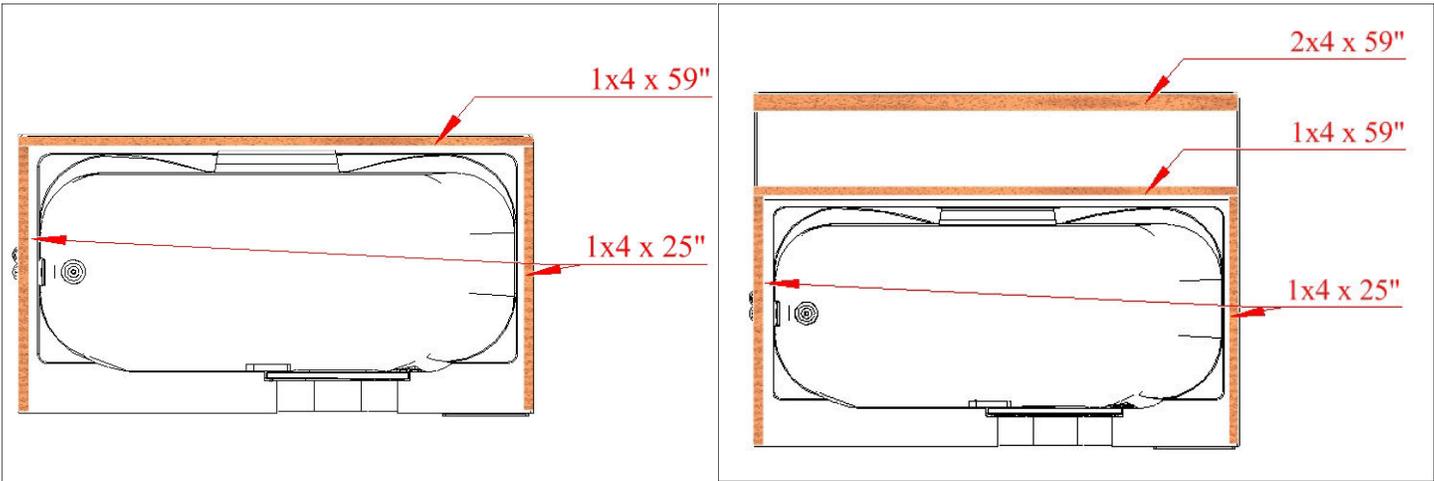
Safety Bath So-Lo With Shower Deck Overall Outside Dimensions (SAE)



Safety Bath So-Lo Overall Outside Dimensions (Metric)

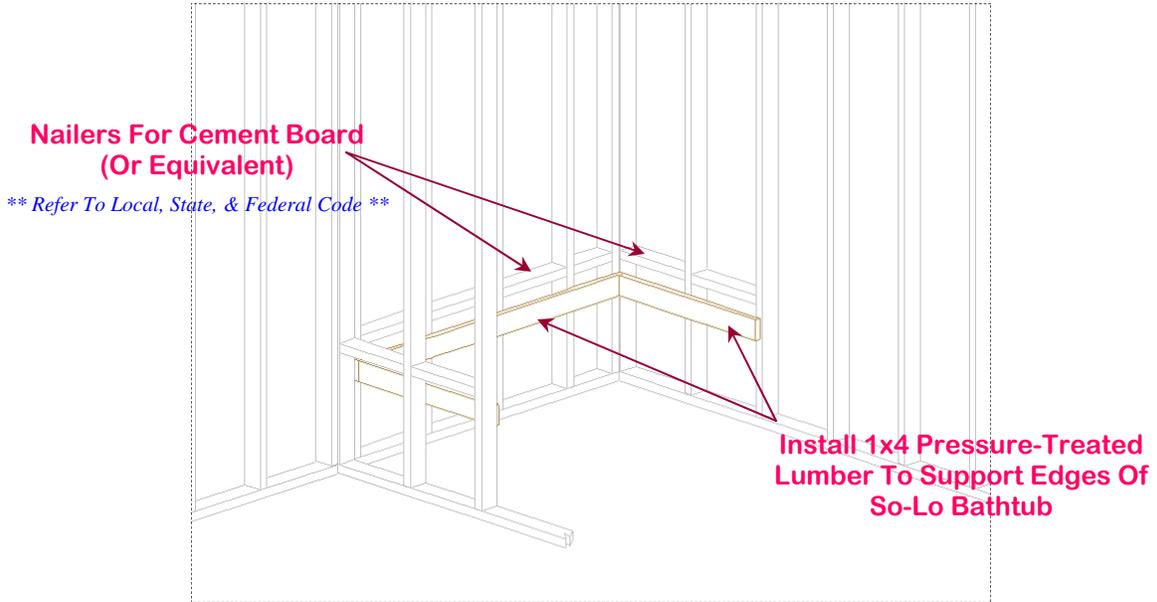


Safety Bath So-Lo With Shower Deck Overall Outside Dimensions (Metric)

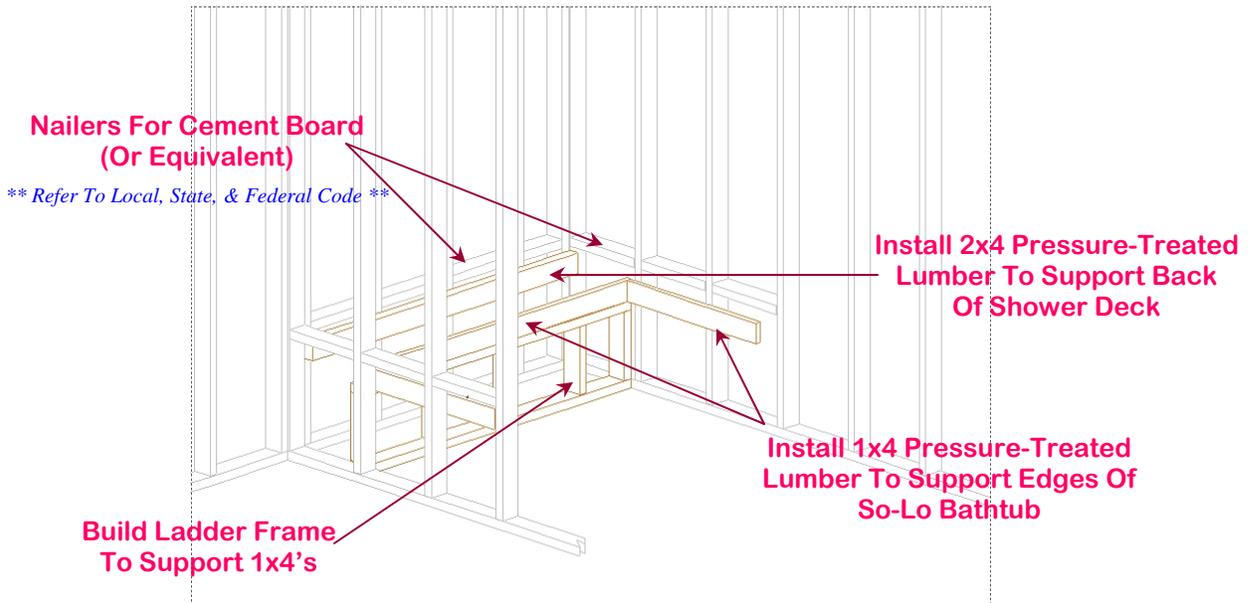


Safety Bath So-Lo Support Framing

Safety Bath With Heated Shower Deck Support Framing



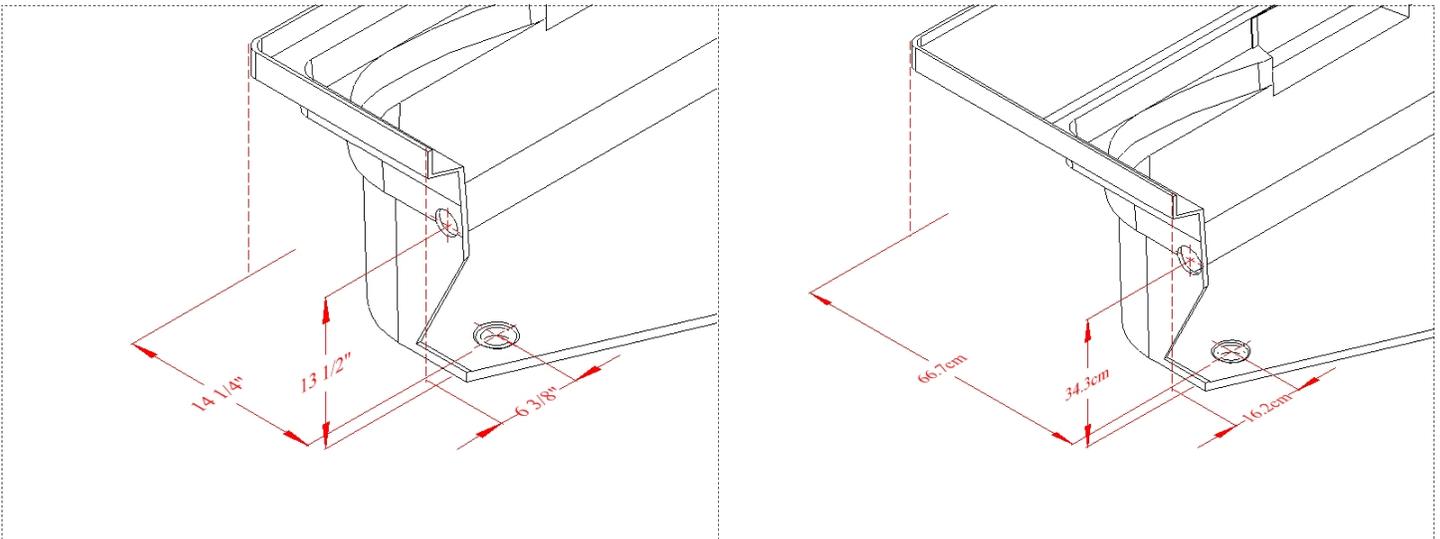
Safety Bath So-Lo Support Framing And Cement Board Nailers



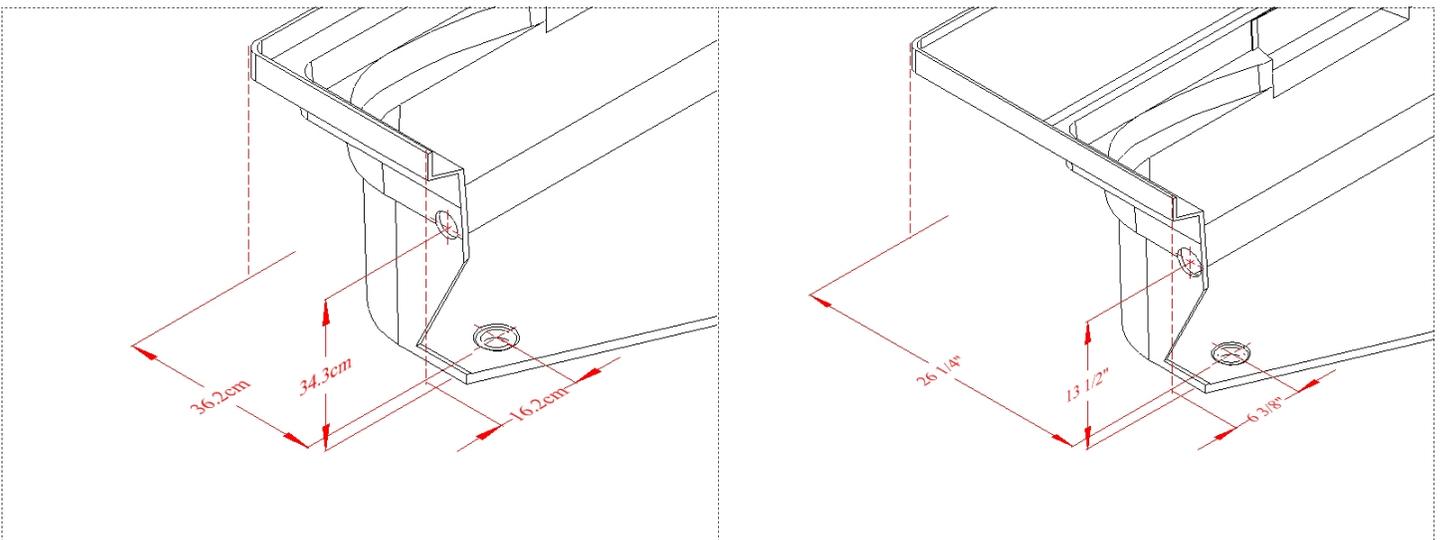
Safety Bath Shower Deck Support Framing And Cement Board Nailers

# Plumbing Rough-In

1. All plumbing components and connections should be installed by a licensed plumber in accordance with local, state, and federal regulations and code.
2. Plumbing fixtures, overflow, drain, etc. are not included with the basic So-Lo or So-Lo With Heated Shower Deck bathtubs. Safety Bath offers an optional Faucet & Drain Kit, or locally procured components may be used.
3. Plumbing rough-in for Safety Bath's So-Lo bathtub is no different than for any standard bathtub. Typical 1 1/2" drain, overflow, and PVC or ABS pipe is required. Ensure proper drain venting is installed. Refer to the illustrations below for drain and overflow locations.



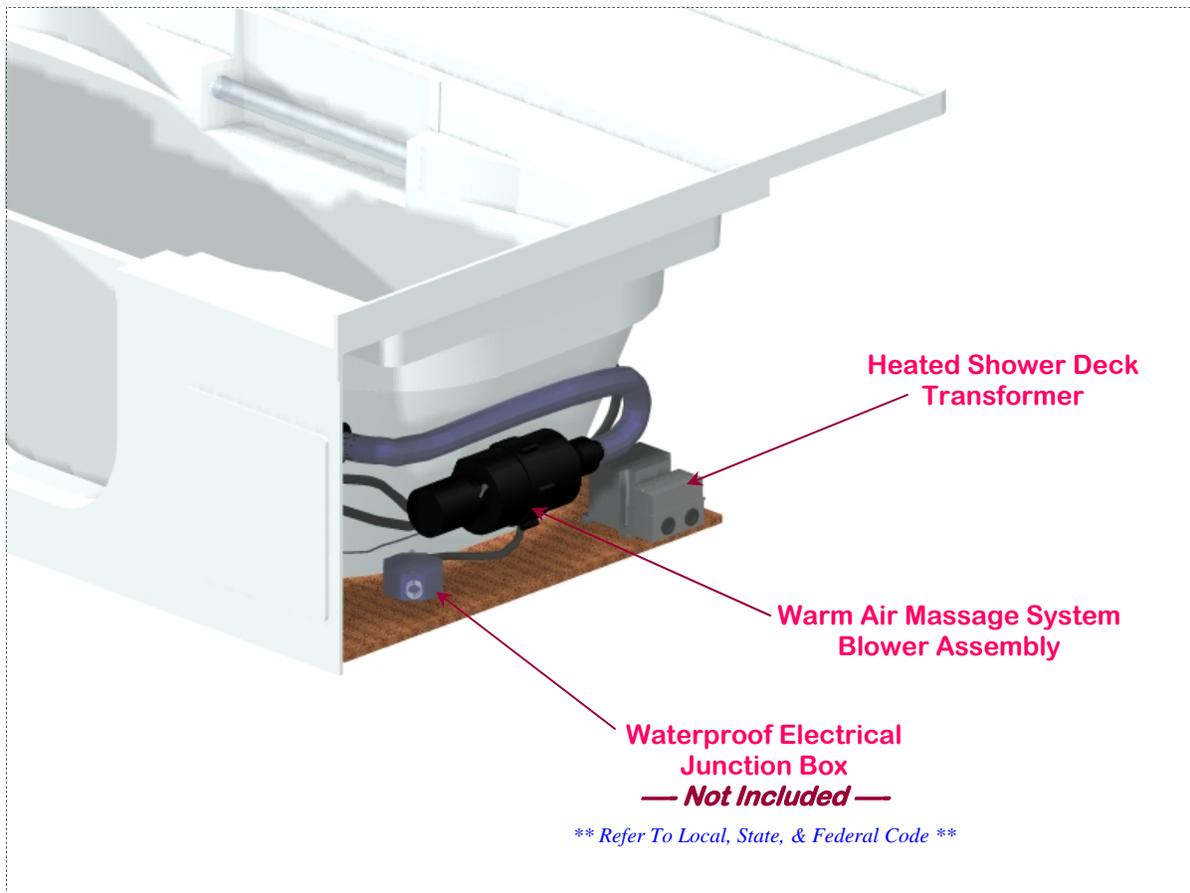
Safety Bath So-Lo Drain & Overflow Locations (SAE)  
Shown cut-away for illustrative purposes

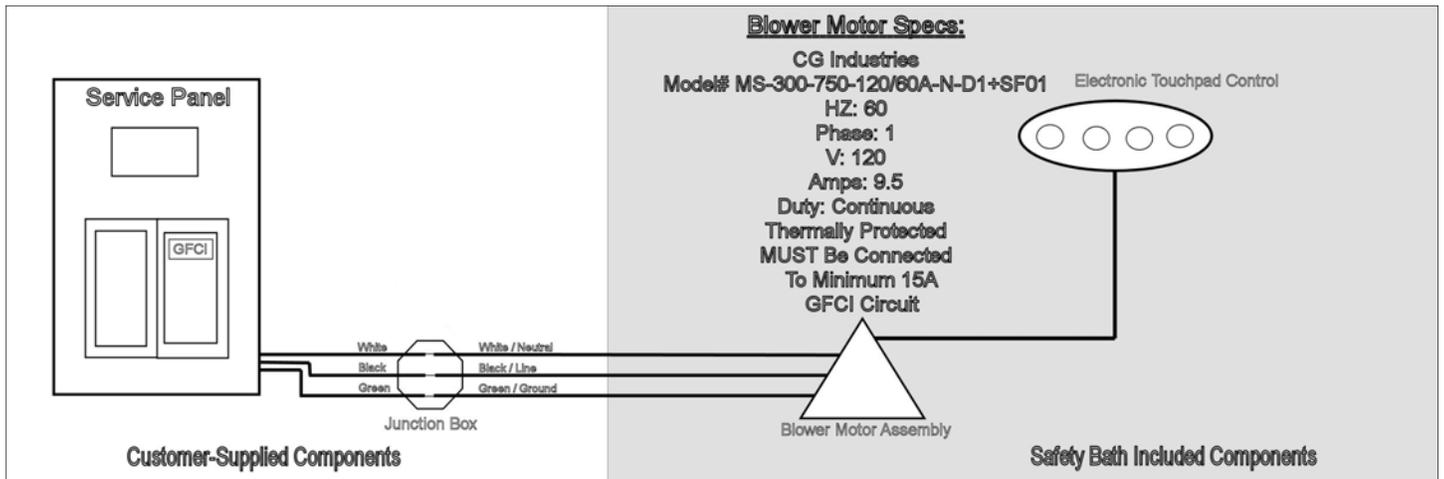


Safety Bath So-Lo Drain & Overflow Locations (Metric)  
Shown cut-away for illustrative purposes

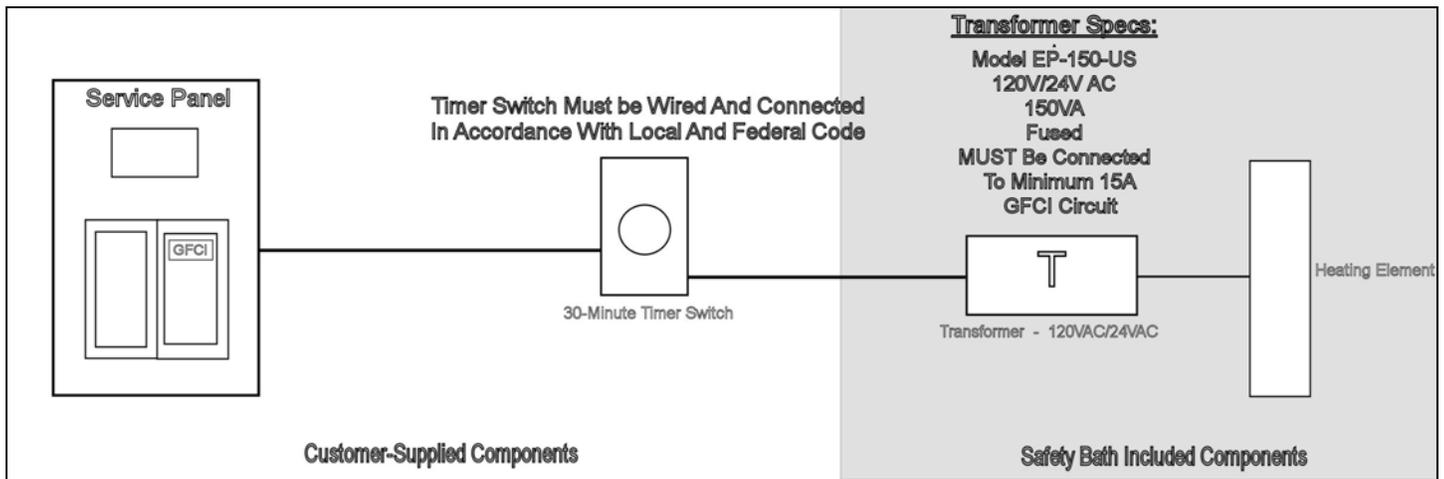
# Electrical Rough-In

1. All electrical components and connections must be installed by a licensed electrician in accordance with local, state, and federal regulations and code. *It is the responsibility of the owner or installer to determine local, state, and federal code and regulations prior to installation.*
2. Be sure to check all connections, and verify GFCI operation before completing installation of bathtub.
3. If your So-Lo was ordered with the optional heated shower deck, it comes with a pre-installed deck surface warmer. The electrical for this system must be roughed in at this time. Safety Bath recommends a 15-Amp 30-minute timer switch be mounted in a convenient location near the bathroom's light switch in accordance with local and federal code to supply 120VAC to the deck warmer. This circuit must be a dedicated 15A GFCI circuit. Refer to illustration on this page showing the location of the 120VAC/24VAC transformer, as well as the wiring schematic on the next page.
4. If your So-Lo was ordered with the optional 12-Jet Warm Air Massage hydrotherapy system, a dedicated 15A GFCI circuit must be roughed in from the breaker panel to the bathtub location. Refer to the illustration on this page showing the location of the bathtub's blower motor assembly, as well as the wiring schematic on the next page. The electrician must install a waterproof electrical junction box (not included) to make the connection between the building's supply wire and the blower motor wire.





Safety Bath Warm Air Massage Hydrotherapy System Wiring Schematic (Canada & U.S.A.)



Safety Bath With Optional Shower Deck Heated Deck Wiring Schematic (Canada & U.S.A.)

### Electrical Specifications:

#### 12-Jet Blower Motor

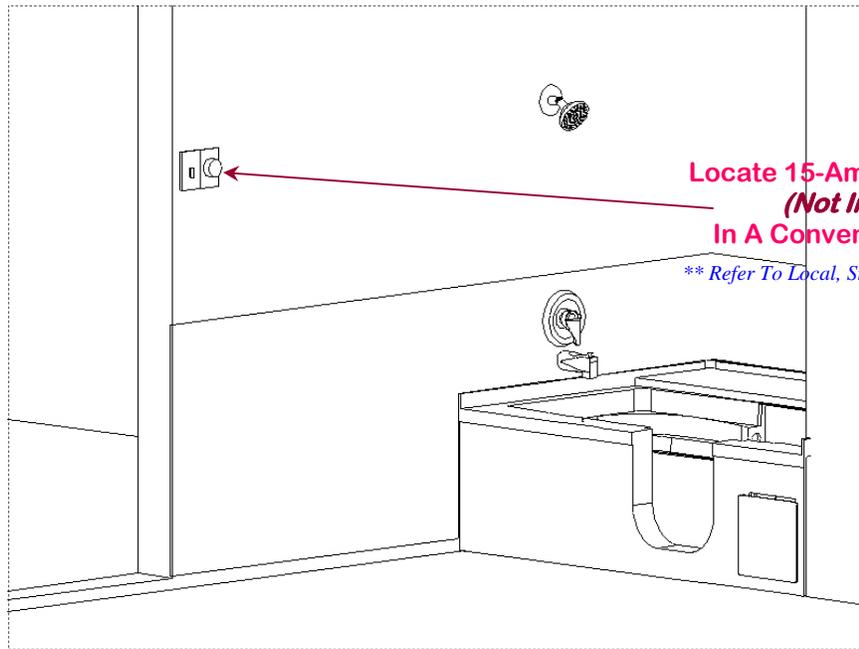
CG Industries  
 Model# MS-300-750-120/60A-N-1+SF01  
 HZ: 60  
 Phase: 1  
 Volts: 120VAC  
 Amps: 9.5  
 Duty: Continuous  
 Thermally Protected

**MUST be connected to a minimum 15A Class A GFCI dedicated circuit**

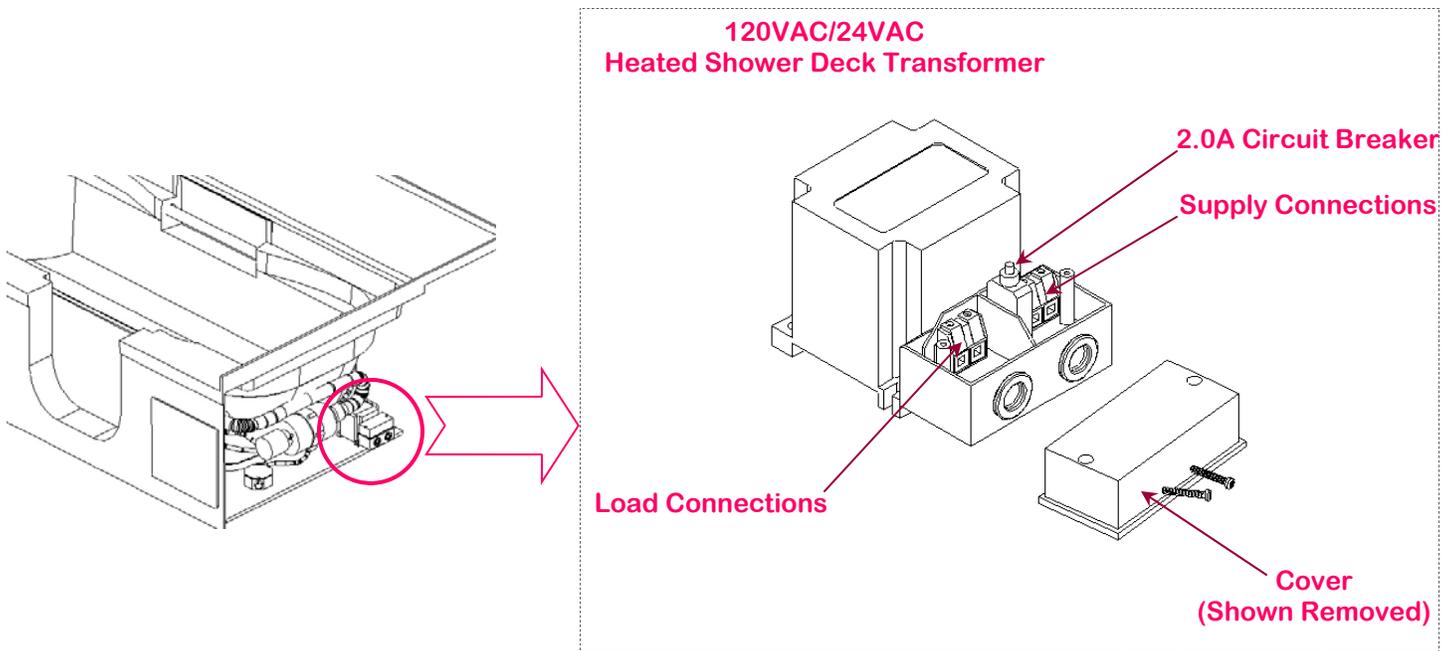
#### Seat Warmer Transformer

Model # EP-150-US  
 HZ: 60  
 Volts, Primary: 120VAC  
 Volts, Secondary: 24VAC  
 Output: 150VA  
 Fused

**MUST be connected to a minimum 15A Class A GFCI dedicated circuit**



Safety Bath With Optional Shower Deck - Showing Location Of 30-Minute Timer Switch

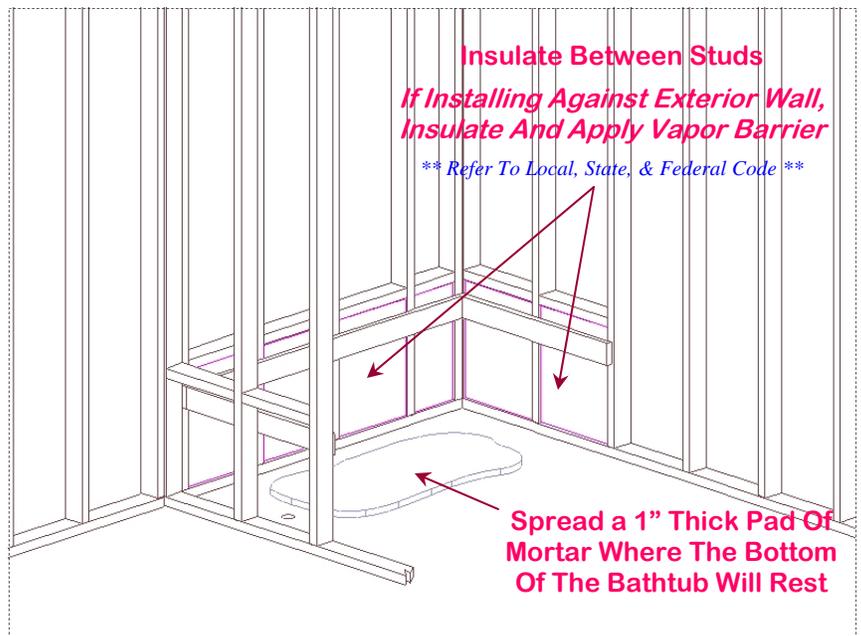


Safety Bath With Optional Shower Deck - Heated Deck Transformer Details

# Setting Bathtub In Place

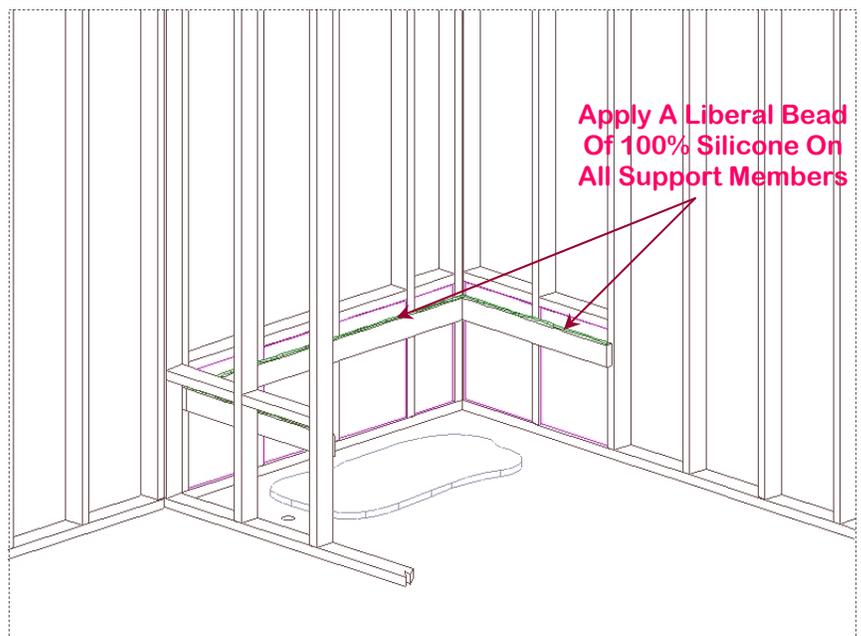
1. Safety Bath recommends a few simple steps to ensure the installation of your So-Lo bathtub will be satisfactory:
  - a) If your bathtub has been shipped with our optional hydrotherapy system, be sure there is sufficient access to blower motor and electrical connections. Check to be sure there will be sufficient airflow around blower motor.
  - b) Make sure there will be access to shut-off valves.
  - c) Insulate the bathtub surround for sound control, being careful not to restrict any air path way to the hydrotherapy blower motor (if equipped).
  - d) Set the bathtub in mortar.
  - e) Apply a bead of silicone between any framing members and the bathtub before setting the bathtub in place.

2. Install appropriate insulation between studs to act as soundproofing. If the bathtub is placed against one or more exterior walls, use minimum R12 insulation between studs and install vapor barrier as per local and federal code.

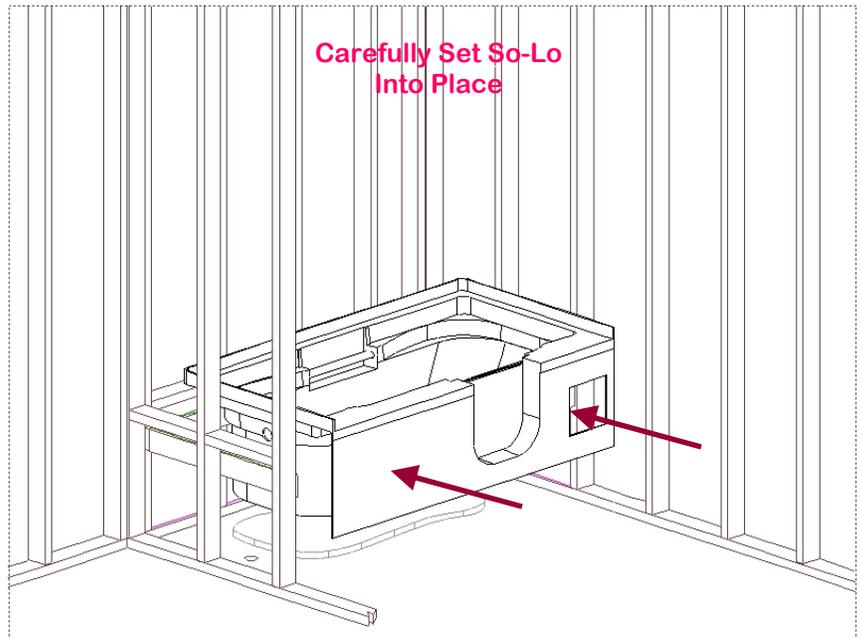


3. Lay a 1" thick bed of mortar inside the rough opening where the base of the bathtub will sit.

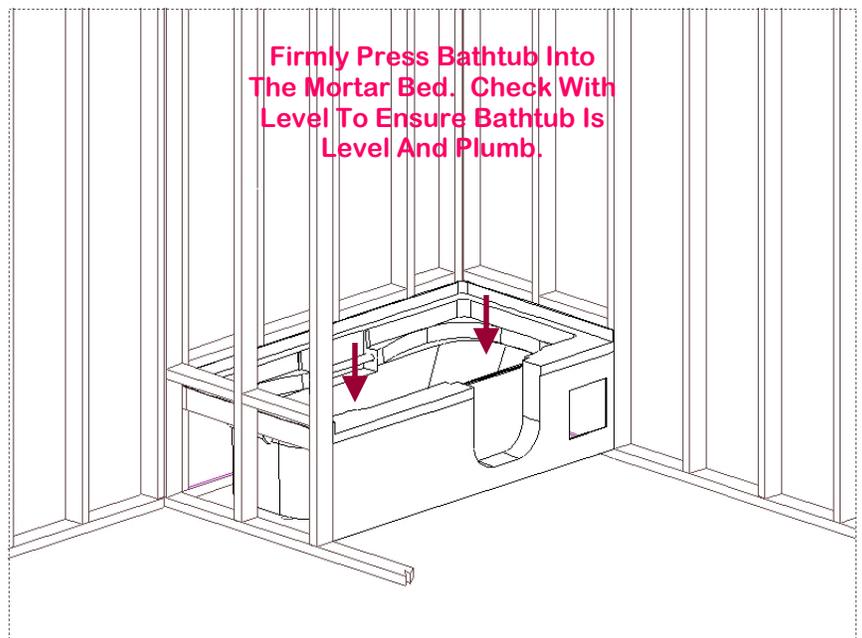
4. Apply a liberal bead of 100% silicone on top of framing members where the bathtub ledges will rest.



5. Be extremely careful not to lift the bathtub by any of its hydrotherapy components (tubing, jets, motor, etc.). Make sure the inside of the bathtub is protected by cardboard or cloth to avoid damaging the bathtub's surface.



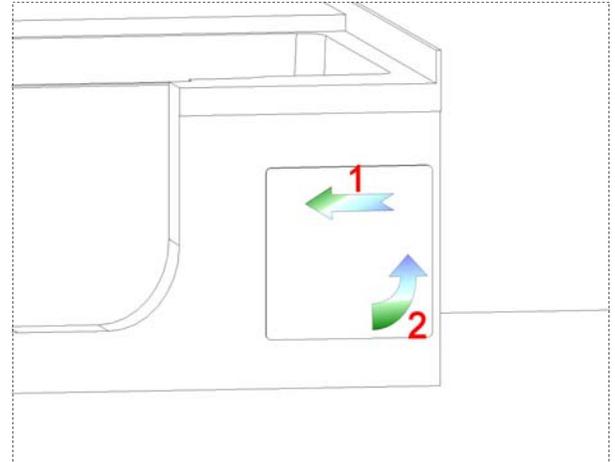
6. Set the bathtub in place and firmly press into the mortar bed. Have a level handy to check for levelness throughout this procedure. Press the bathtub into the mortar far enough so that the ledges of the bathtub rest on the framing members.



7. **DO NOT UNDER ANY CIRCUMSTANCES** nail, screw, or otherwise permanently fasten the bathtub to the wall, stud, or any other member. The bathtub will not shift or appear loose if the above steps have been followed.

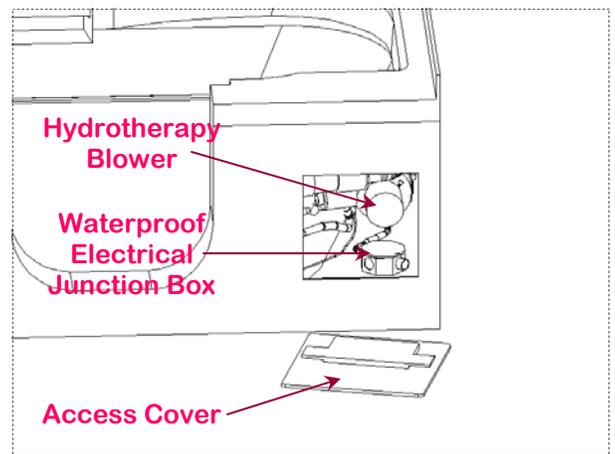
# Connections And Testing

1. Once the mortar has set, it's time to make all plumbing and electrical connections. Remove the side access cover (if so equipped) to gain access to the electrical components on hydrotherapy system and heated shower deck equipped bathtubs.



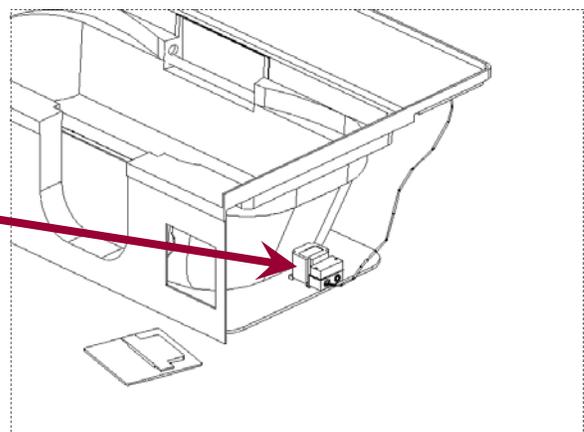
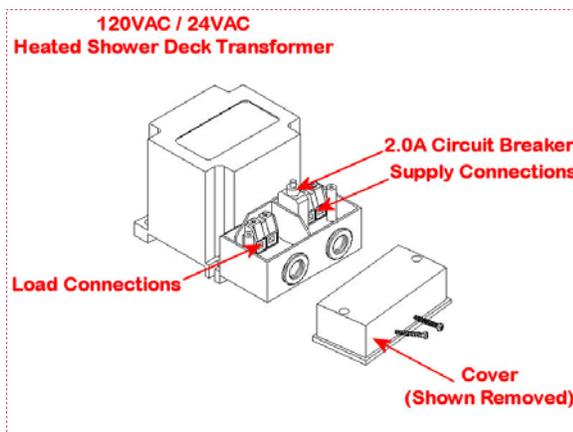
Removing Access Cover

2. If your bathtub came equipped with the Warm Air Massage hydrotherapy system option, install a waterproof electrical junction box (**not included with bathtub**) via the access hole in the side of the bathtub. Use this junction box to connect the dedicated 15A GFCI circuit installed in step 4, page 13 to the bathtub's hydrotherapy blower motor. Be sure the junction box is waterproof. All electrical connections must be made by a licensed electrical contractor in accordance with local, state, and federal code.



Access Cover Removed, Showing Hydrotherapy Electrical Junction

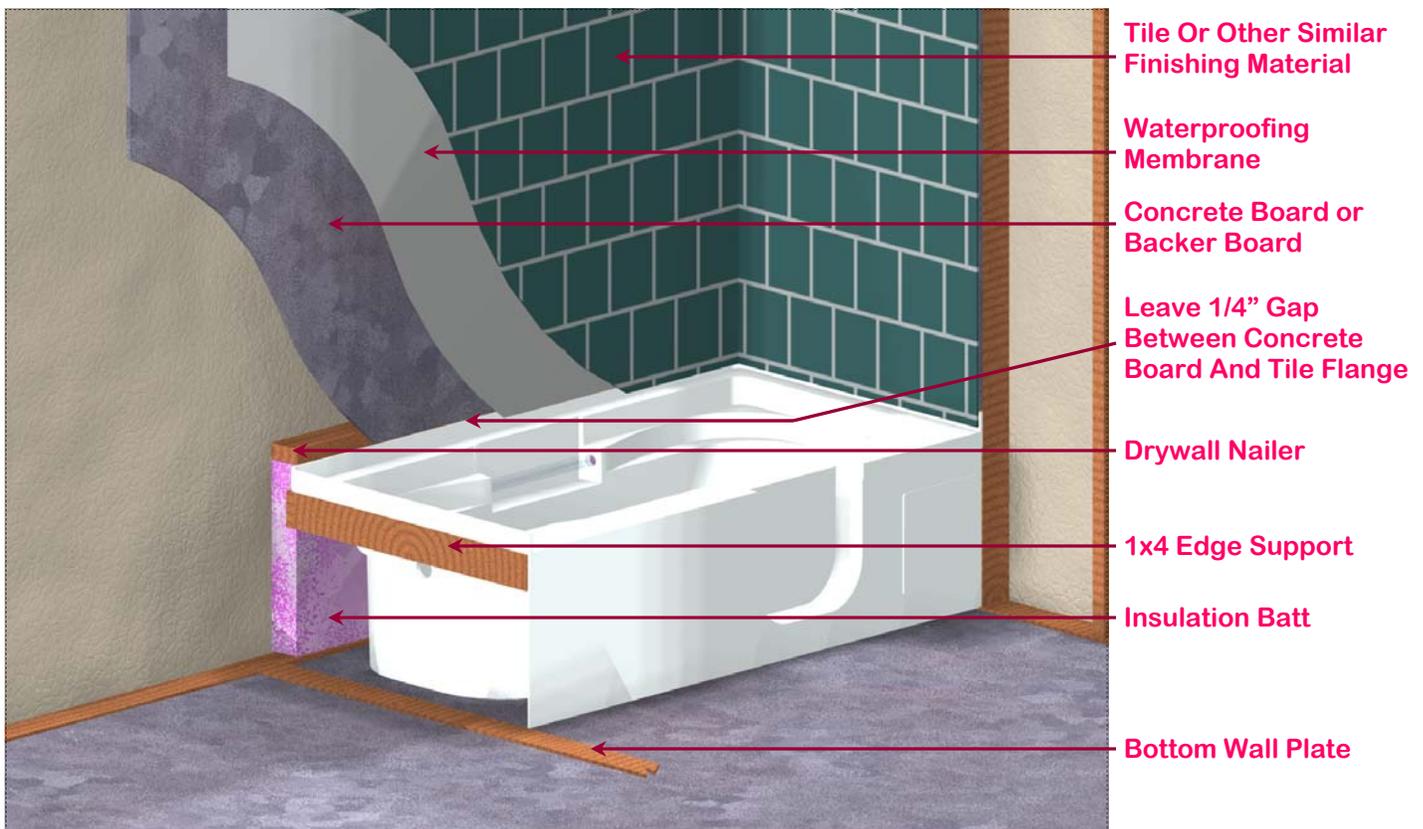
3. If your bathtub was shipped with the optional Heated Shower Deck package, connect the 30-minute timer switch (dedicated 15A GFCI) circuit wiring directly to the 120VAC/24VAC transformer mounted on the underside of the bathtub. You may instead choose to install a second waterproof electrical junction box and connect the building's 15A GFCI circuit to the transformer's feed wire at the junction box. All electrical connections must be made by a licensed electrical contractor in accordance with local, state, and federal code.



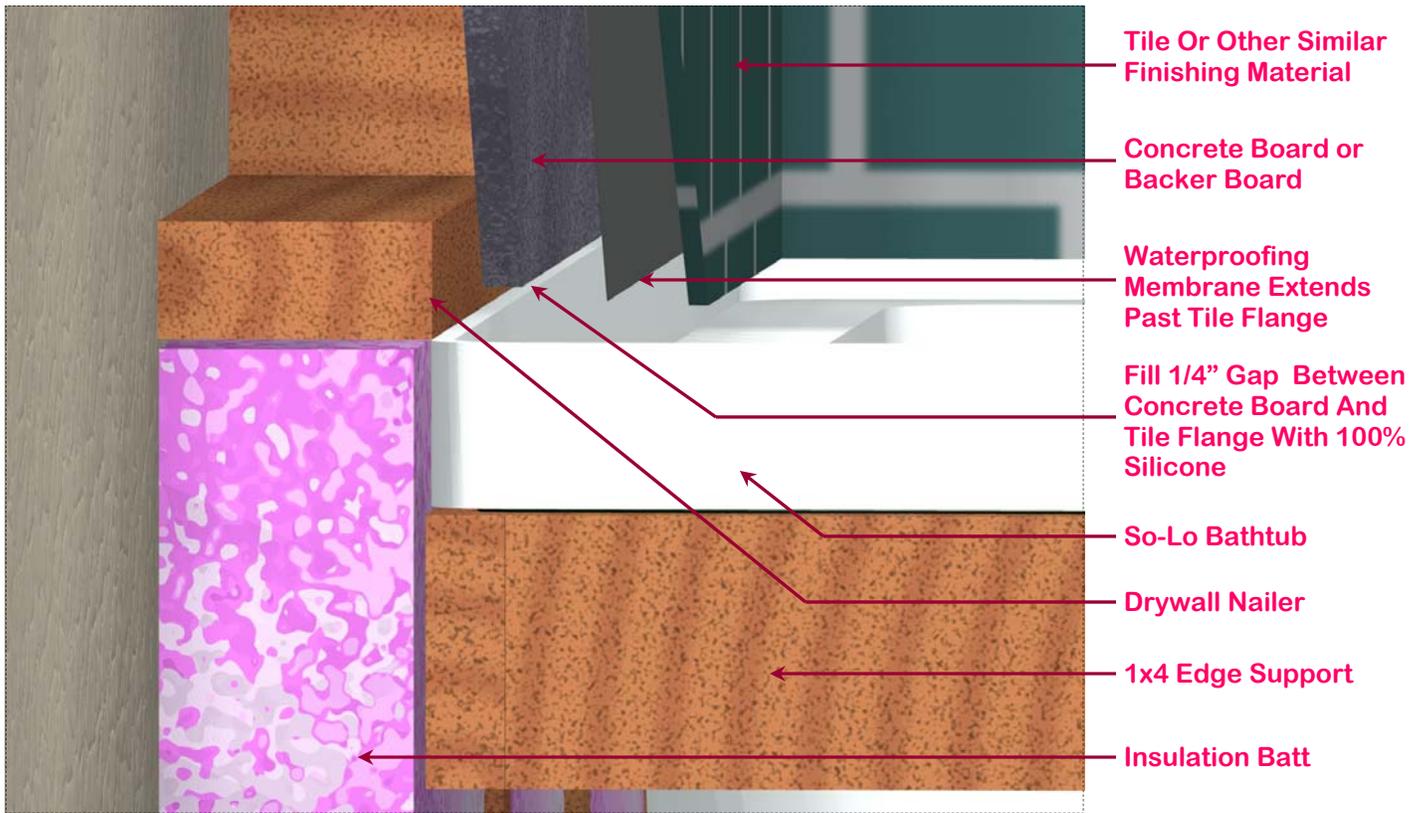
4. Install the tap and faucet components at this point, making sure to check with local, state, and federal code and regulations pertaining to positioning. Since soldering of the joints will likely be necessary, be extremely careful not to start a fire.
5. Install the 1 1/2" drain and overflow assemblies (*not included*). Be sure adequate drain ventilation is supplied. Once again, check with local, state, and federal code and regulations. Be sure to install an inline trap after the drain and overflow have been joined.
6. Once the plumbing is complete, open the shut-off valves if not already done.
7. **BE SURE THE TUB IS COMPLETELY CLEAN BEFORE FILLING.**
  - a) ***On standard models:*** fill the tub to the overflow. Check for leaks around the overflow area. Let the water sit in the tub for at least 20 minutes, occasionally checking the drain area under the tub. Drain the water from the tub, checking for leaks around the drain and in the waste piping and its connections.
  - b) ***On hydrotherapy-equipped models:*** Fill the tub with water to typical bathing water level. Run the blower for about 20 minutes, constantly checking for any leaks or seepage from the jets, piping, and drain. Shut off the blower, and fill the tub to the overflow. Check for any leaks around the overflow area. Let the water sit in the tub for at least 5 minutes, since not all leaks are obvious when the hydrotherapy blower is running. Finally, drain the tub and check for leaks in the waste piping and connections.
  - c) ***On heated shower deck-equipped models:*** Rotate the timer switch installed by the electrician, to the ON position and set for 30 minutes. After a few minutes the heated seating deck should begin to feel warm to the touch. Fill the tub to the overflow. Check for leaks around the overflow area. Let the water sit in the tub for at least 20 minutes, occasionally checking the drain area under the tub. Drain the water from the tub, checking for leaks around the drain and in the waste piping and its connections.
  - d) ***On hydrotherapy-equipped heated shower deck models:*** Rotate the timer switch installed by the electrician, to the ON position and set for 30 minutes. After a few minutes the heated seating deck should begin to feel warm to the touch. Fill the tub with water to typical bathing water level. Run the hydrotherapy blower for about 20 minutes, constantly checking for any leaks or seepage from the jets, piping, and drain. Shut off the blower, and fill the tub to the overflow. Check for leaks around the overflow area. Let the water sit in the tub for at least 20 minutes, occasionally checking the drain area under the tub. Drain the water from the tub, checking for leaks around the drain and in the waste piping and its connections.

# Finishing

1. Now that your Safety Bath So-Lo has been tested, it's time to put the finishing touches on your installation. During this step, cover the surface of the bathtub again with cardboard or drop cloth.
2. If wallboard is to be installed, do so at this point. Before installing wallboard, make sure insulation, vapor barriers, etc. are used where required. Refer to building code for details during this step. Be sure to use water- and mildew-resistant wallboard around any bathtub. Safety Bath recommends cement board or backer board with a waterproof membrane. Do not install wallboard against the top lip of the tub, but rather leave a 1/4" (.6cm) gap between the top of the tub and the bottom edge of the wallboard. Once the wallboard is installed, run a bead of 100% silicone in this joint to waterproof. The waterproofing membrane should extend slightly below the top edge of the tiling flange
3. Once wallboarding and waterproofing are complete, install your choice of tile or similar material to complete the appearance. Refer to illustrations below and on next page for further reference.
4. Apply a bead of 100% silicone around bottom and side edges of tub to seal. Allow to fully cure before using tub.
5. Install tap trim bezel, fixture knob, and any other finishing trim.



Typical Installation of Wallboarding And Tile  
Safety Bath So-Lo Shown



Typical Installation of Wallboarding And Tile - Close-Up  
*Safety Bath So-Lo Shown*



Typical Installation of Wallboarding And Tile - Section View  
*Safety Bath So-Lo With Optional Heated Shower Deck Shown*

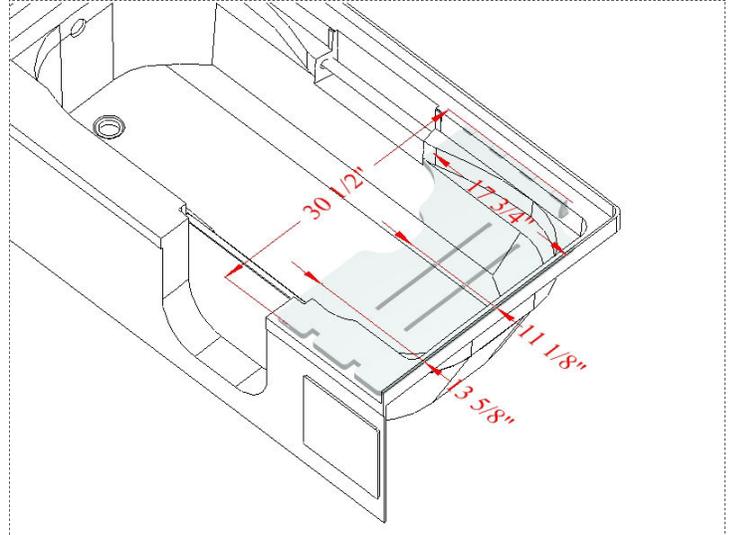
***Your Safety Bath So-Lo (excluding Shower Deck model) has been shipped with a complimentary Safety Seat. If you prefer to use your Safety Bath So-Lo without the Safety Seat, your installation is complete. Otherwise, continue to the next page.***

# The So-Lo Safety Seat/Transfer Bench

\*\* For Shower Deck Seat Installation, refer to Page 26...

The Safety Bath So-Lo Safety Seat is a convertible seating surface and transfer bench, and can quickly be lifted and latched in an upright position, out of the way if desired. Your So-Lo bathtub has been shipped with the seat removed to prevent damage to the seat and bathtub. It is easily installed as per instructions on this page.

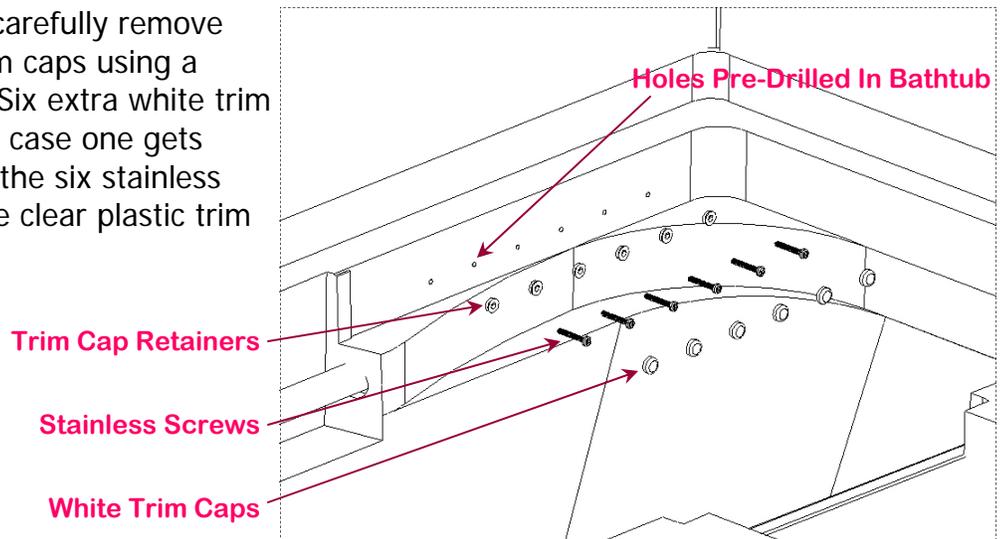
1. Refer to illustration, right, for So-Lo Safety Seat dimensions.



Safety Bath So-Lo - Safety Seat Dimensions

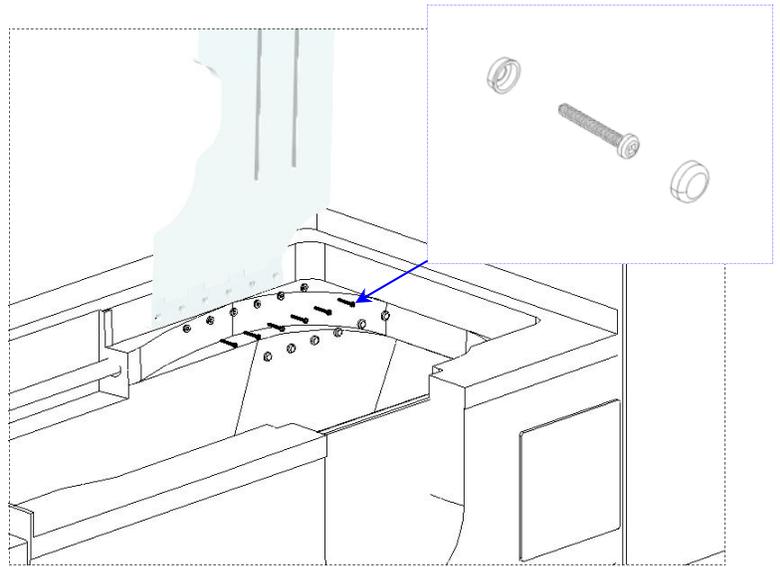
2. Your Safety Bath So-Lo has been shipped with the mounting hardware already installed in the bathtub for you, making installing the Safety Seat easy. Conversely, if you prefer not to install the Safety Seat, the white plastic trim caps installed neatly conceal the six stainless steel screws required to install the Safety Seat in the future if desired.

3. To install the Safety Seat, carefully remove the six (6) white plastic trim caps using a small slotted screwdriver. Six extra white trim caps have been included in case one gets damaged or lost. Remove the six stainless steel screws, along with the clear plastic trim cap retainers.



Removing Trim Caps, Retainers, And Screws From So-Lo

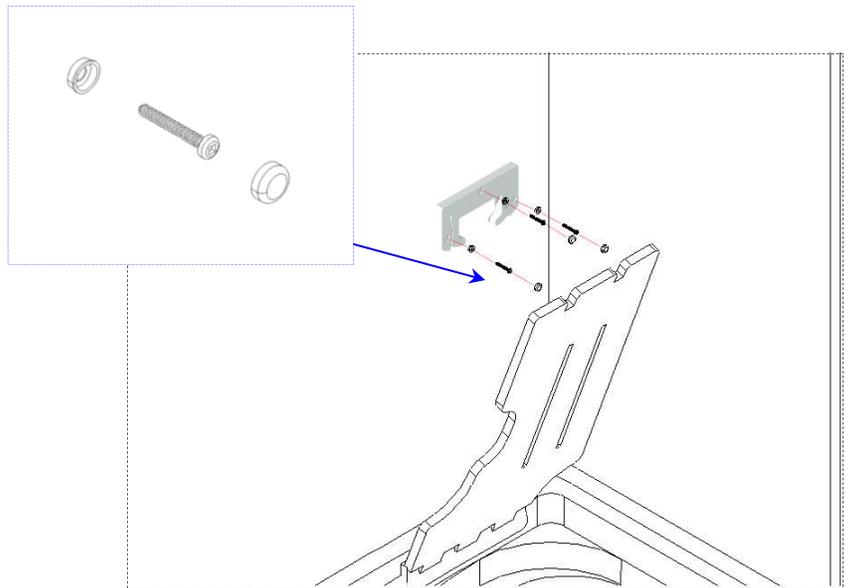
4. Install the seat by simply securing the hinge portion of the seat to the bathtub with the supplied fasteners removed in step 3.



Securing Seat Assembly To Bathtub

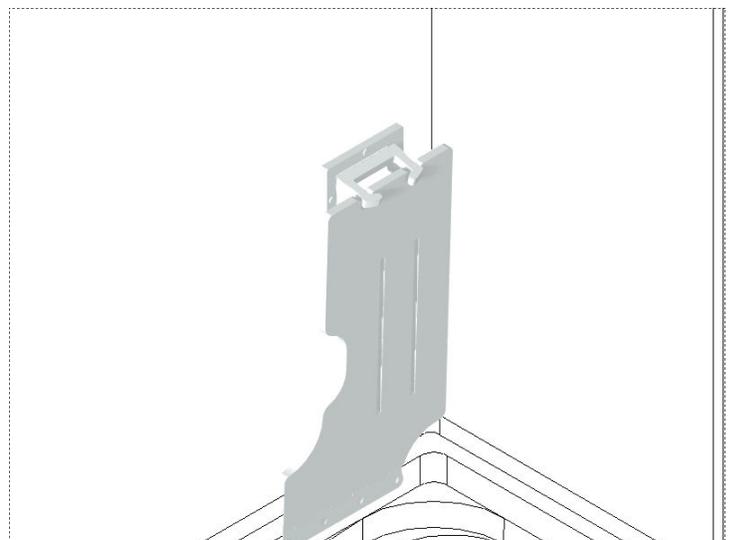
5. Install the seat retaining bracket on the wall:

- a) Three (3) stainless steel screws, along with white plastic trim caps and retainers are provided for mounting the seat retaining bracket to the wall. This bracket will hold the seat in the up position when not in use.



Installing Safety Seat Retaining Bracket Assembly

- b) When mounting the retaining bracket, be sure to align the hinged portion of the bracket with the two cut-outs in the seat. Adjust the height of the bracket so it will securely hold the seat up when not in use, as well as release the seat when the hinged portion of the bracket is lifted up.



Safety Seat Retaining Bracket Installed. Seat In Up Position.

- c) The installed Safety Seat and Bracket, with the seat in the down position for use.

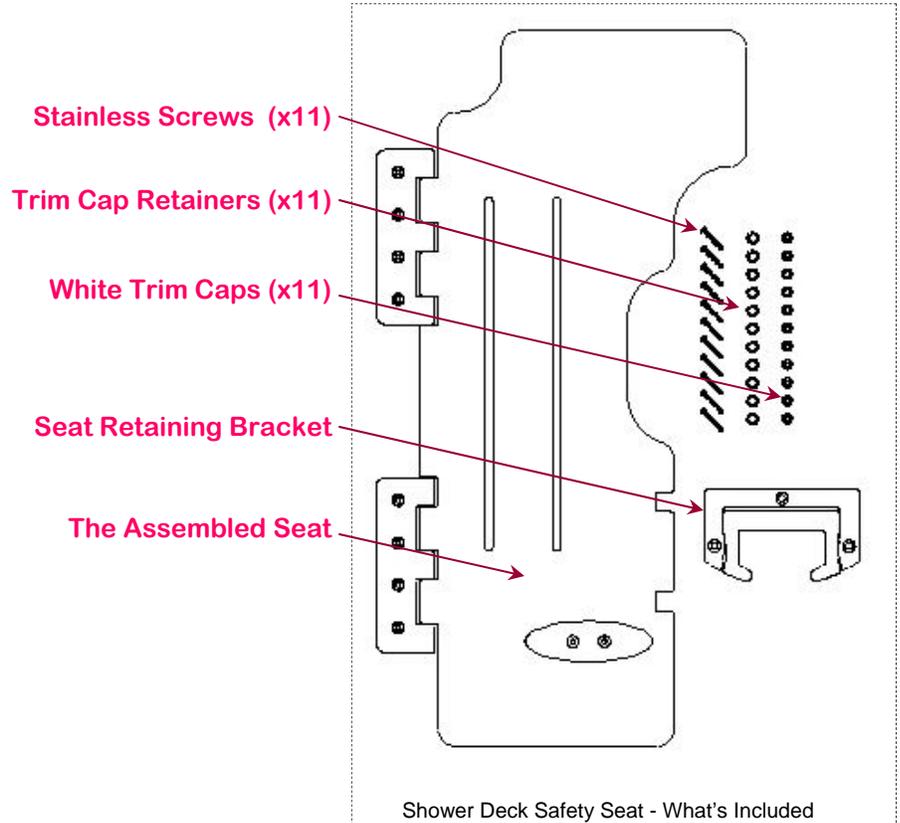


# Shower Deck Safety Seat/Transfer Bench

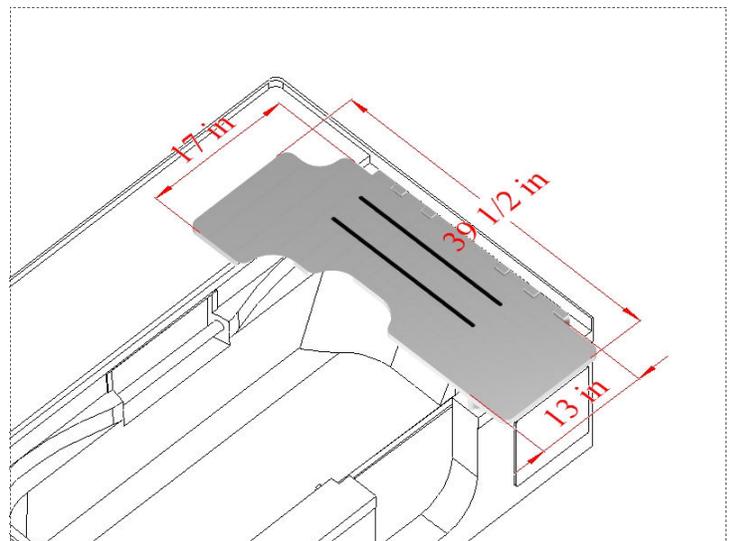
*(Optional)*

The Safety Bath Shower Deck Safety Seat is a convertible seating surface and transfer bench, and can quickly be lifted and latched in an upright position, out of the way if desired. Your Shower Deck bathtub has been shipped with the seat removed to prevent damage to the seat and bathtub. It is easily installed as per instructions on this and the following pages.

1. Refer to illustration, right, for included components and hardware.

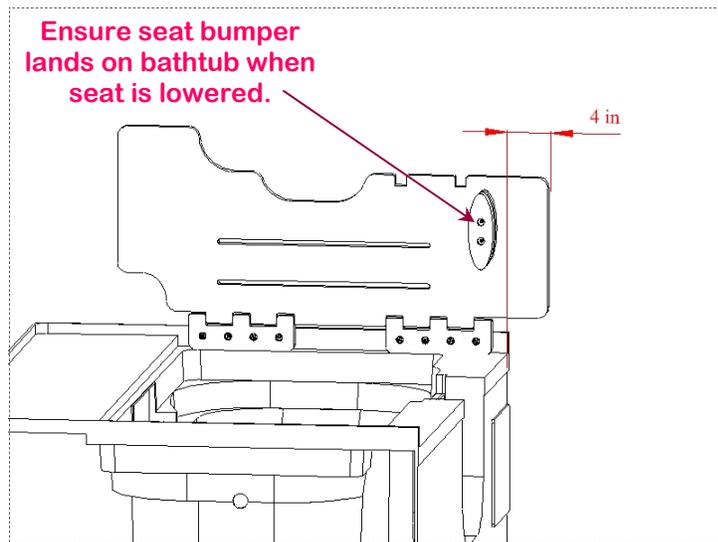


2. Refer to illustration, right, for Shower Deck Safety Seat dimensions.

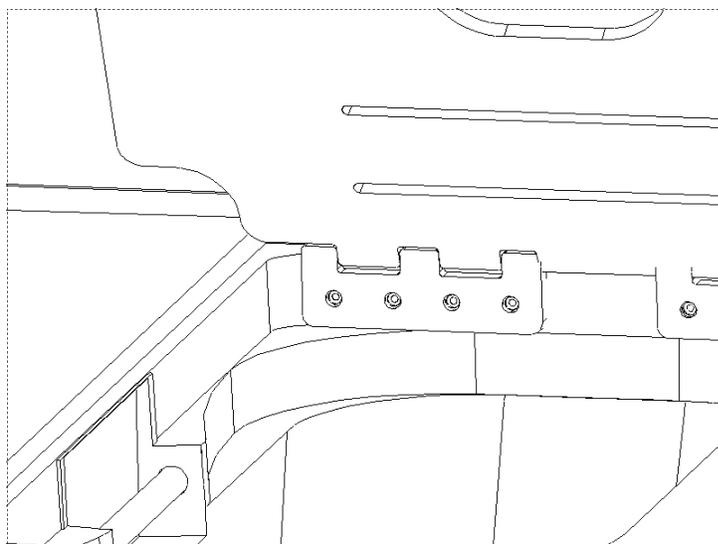


Safety Bath Shower Deck - Safety Seat Dimensions

3. If your Safety Seat was ordered with your Shower Deck bathtub, the screw holes will be pre-drilled in the bathtub at the factory (*skip to #5*). If your seat was ordered after your Shower Deck, the holes will need to be marked out and drilled with a 9/64" drill bit (not included). Set the seat on the bathtub as per illustration, right. Make sure the hinges are both resting on the ledge in the bathtub, and that the seat bumper is resting completely on the bathtub front ledge.

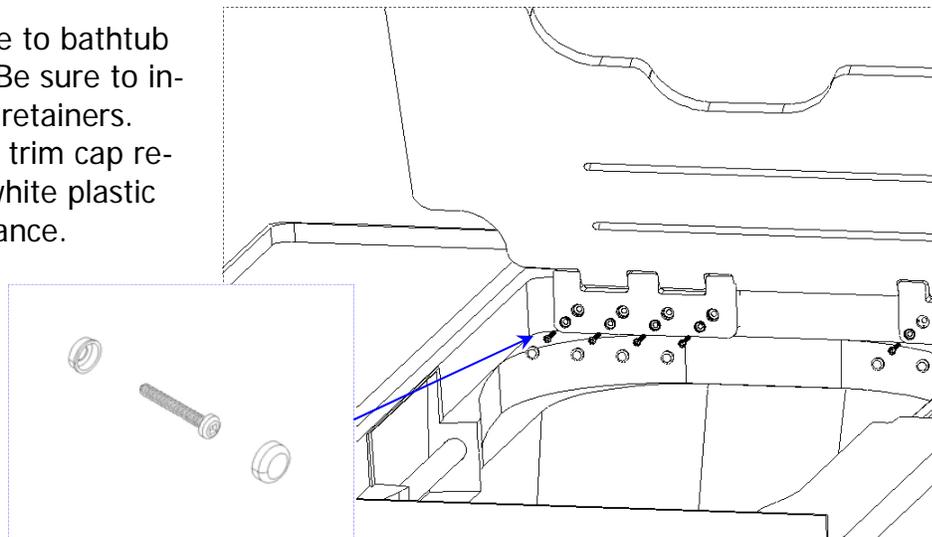


Positioning Shower Deck Safety Seat



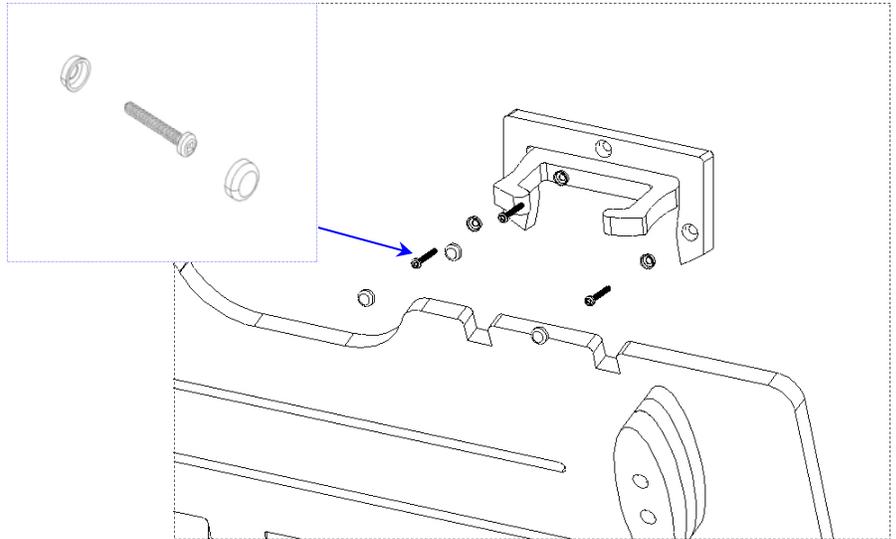
Seat Hinges Rest on "Ledge" Inside Bathtub

4. Mark out the 8 holes through the hinges and onto the bathtub. Use a thin awl, scribe, or pencil lead. Remove the seat and drill the 8 holes using a 9/64" drill bit (not included).
5. Set the seat in place and secure to bathtub using the provided hardware. Be sure to include the clear plastic trim cap retainers. Once all 8 stainless screws and trim cap retainers are tight, snap on the white plastic trim caps for a finished appearance.



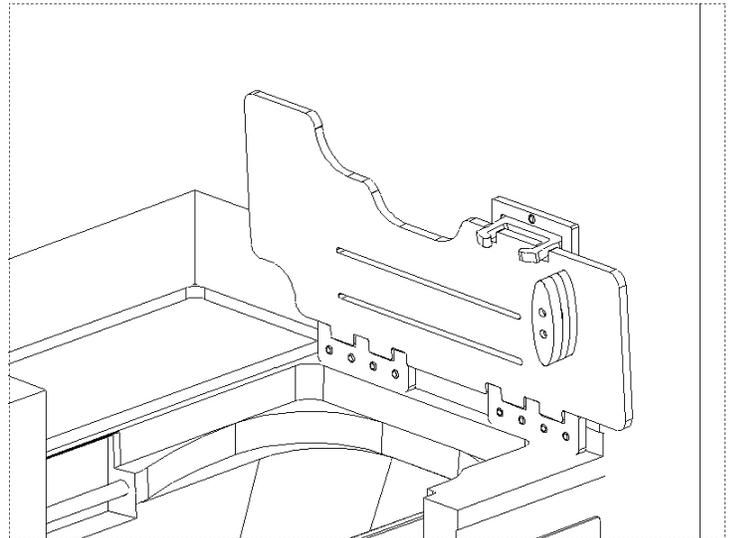
6. Install the seat retaining bracket on the wall:

- a) Three (3) stainless steel screws, along with white plastic trim caps and retainers are provided for mounting the seat retaining bracket to the wall. This bracket will hold the seat in the up position when not in use.



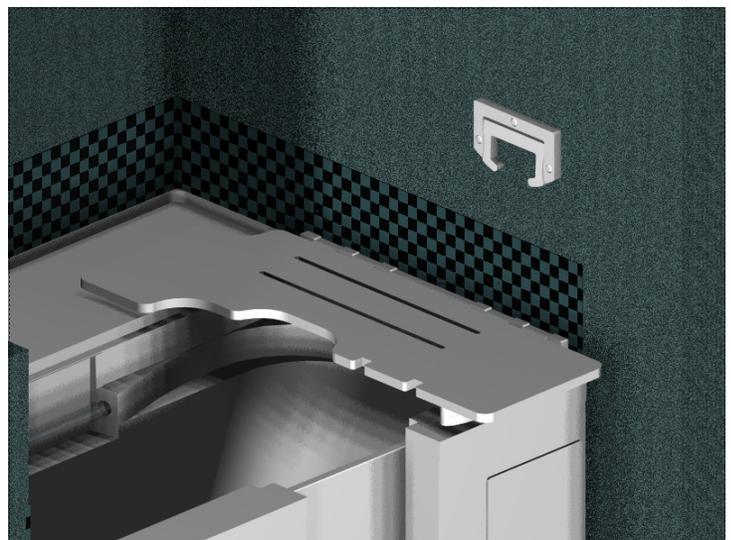
Installing Safety Seat Retaining Bracket Assembly

- b) When mounting the retaining bracket, be sure to align the hinged portion of the bracket with the two cut-outs in the seat. Adjust the height of the bracket so it will securely hold the seat up when not in use, as well as release the seat when the hinged portion of the bracket is lifted up.

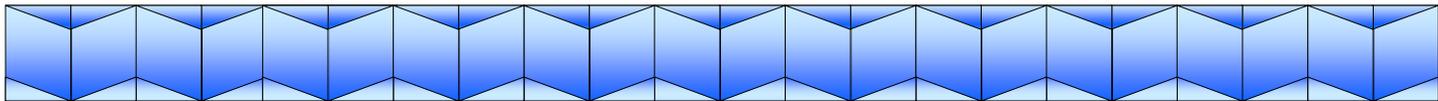


Shower Deck Safety Seat Retaining Bracket Installed. Seat In Up Position.

- c) The installed Safety Seat and Bracket, with the seat in the down position for use.



Shower Deck Safety Seat Retaining Bracket Installed. Seat In Up Position.



# Enjoying Your Bathtub



**Your Safety Bath So-Lo is designed to accommodate users who want to shower or bathe - without stepping over a wall.**

**If your tub is equipped with our optional hydrotherapy system, you're in for a treat!**

**Read on...**

Now that your new Safety Bath So-Lo is installed and has been tested, it's time to experience the ease of use, and enjoy the benefits of owning a Safety Bath.

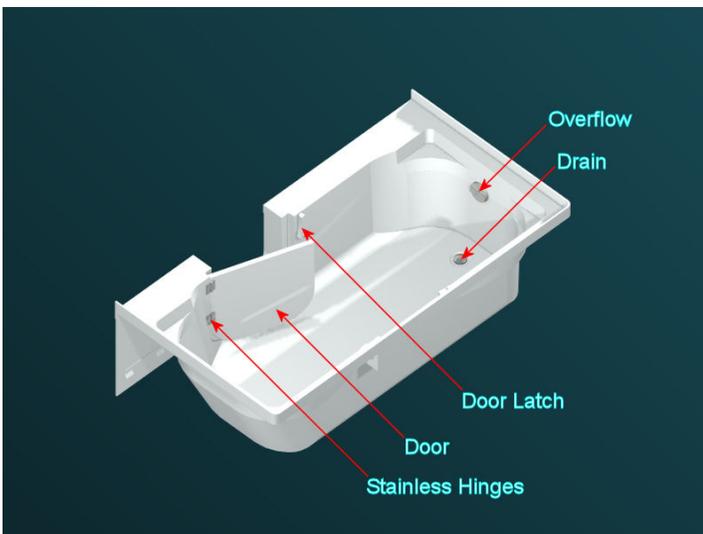
# Your New Bathtub!

***Congratulations on the purchase of a Safety Bath So-Lo accessible bathtub!***

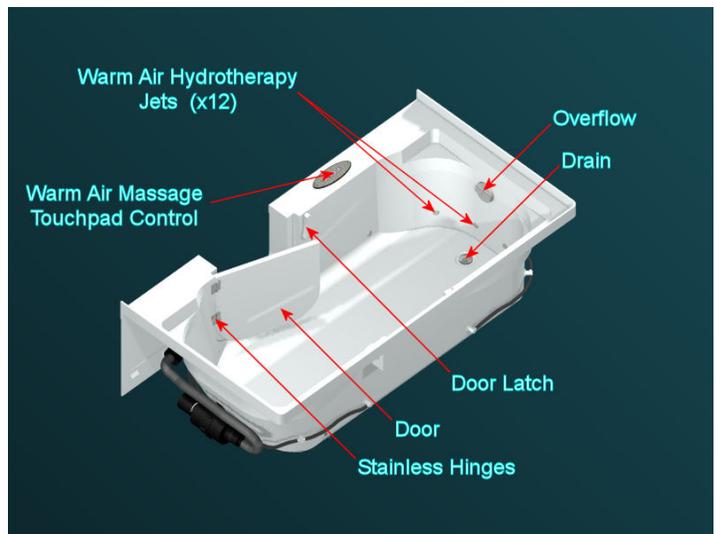
Your bathtub at a glance:

What you'll find about a Safety Bath So-Lo is the ease of entry and exit, quality of construction and finish, and ease of use.

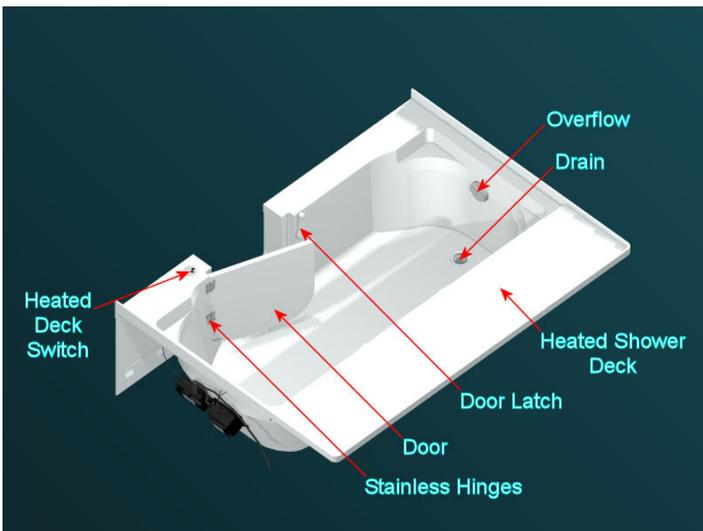
Stepping into your tub requires lifting your foot just 4" (10.2cm) off the floor; however, the actual step-up from floor level to the tub's floor is a mere 2" (5.1cm).



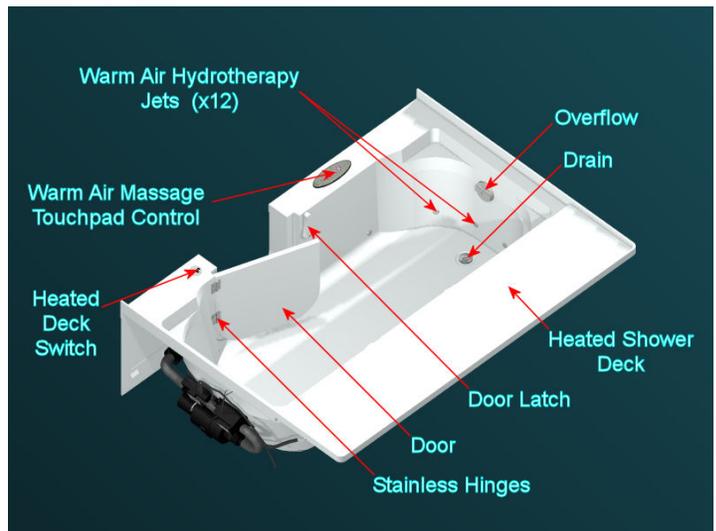
Safety Bath So-Lo Soaker Bath - Main Components



Safety Bath So-Lo With Optional Warm Air Massage Hydrotherapy System - Main Components



Safety Bath So-Lo With Heated Shower Deck Soaker Bath - Main Components



Safety Bath So-Lo With Heated Shower Deck And Optional Warm Air Massage Hydrotherapy System - Main Components

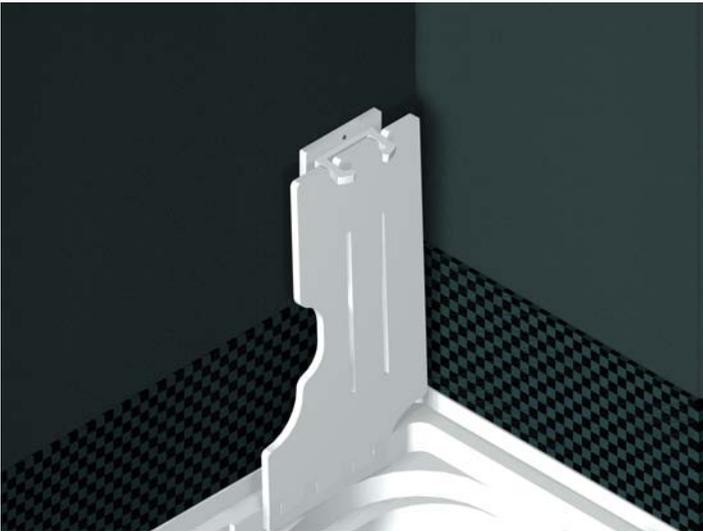
# The So-Lo Safety Seat

## Description

Safety Bath's new Safety Seat is a standard feature on the So-Lo bathtub, and optional on the Shower Deck model. Safety Bath's engineers worked tirelessly on the design of the sturdy and durable convertible seat, and the results are the best integrated bathtub seat in the industry. It is constructed of sturdy, stain resistant high density polyethylene, carries a 350-lb. capacity, and comes with a special bracket to hold it in the up position when not in use.

## Using The Safety Seat

To release the seat from the bracket when in the up position, simply lift the hinged portion of the bracket up slightly and pull the seat from the bracket. To replace the seat in the up position, simply lift the hinged portion of the bracket to accept the seat, and lift the seat. Make sure to set the hinged portion of the bracket into the two grooves in the seat to secure the seat in the up position.



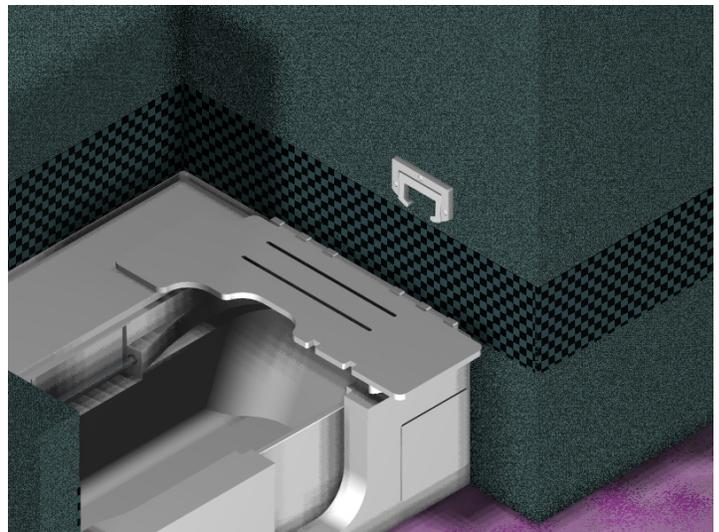
So-Lo Safety Seat In The Up Position And Latched



Un-Latching The Bracket And Setting The Seat In The Down Position For



The Safety Seat In The Down Position And Ready For Use.

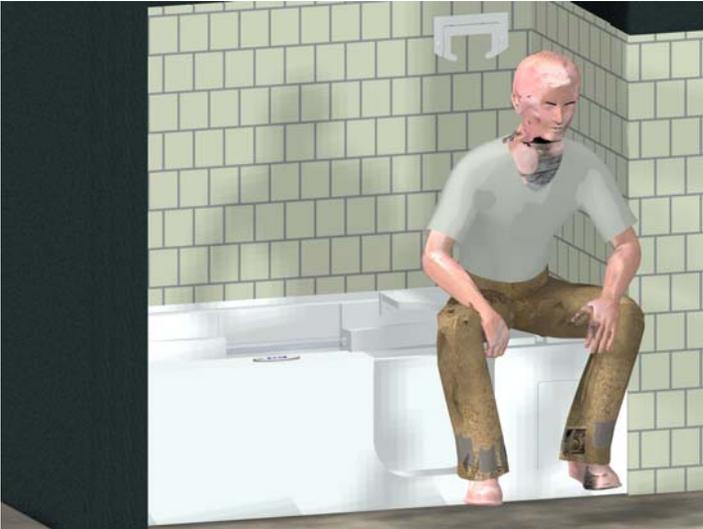


The Shower Deck version of the Safety Seat

## Using The Safety Seat As A Transfer Bench

The So-Lo Safety Seat is not only a convenient, comfortable seating surface, it is also a built-in transfer bench. Most bathtubs necessitate the use of an external chair or bench to transfer the bather into the bathtub, creating the possibility of the chair tipping over, slipping away while the bather is getting into the tub, etc. The Safety Seat eliminates the need for this extra chair, making for a safer bath. It also reduces the need for extra grab bars and handles.

Follow the illustrations below to see how to use the Safety Seat as a transfer bench:



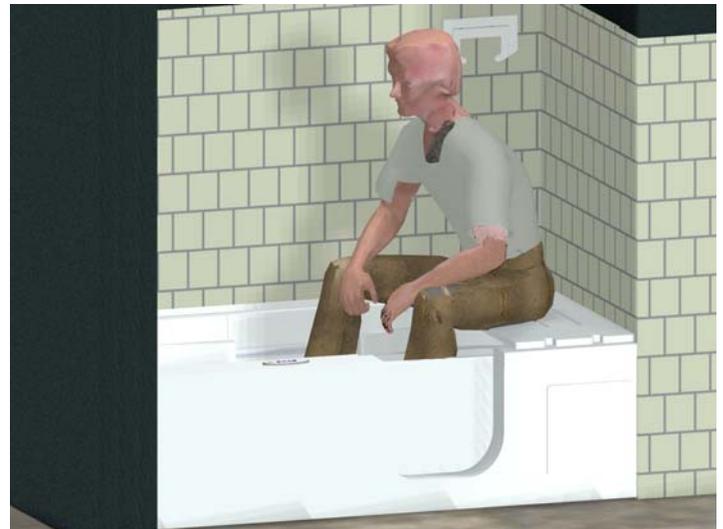
1. With the Safety Seat in the down position, sit down on the seat



2. Un-latch the door and swing it open. Rotate your body inward, so your legs are in the bathtub.



3. Once fully in the bathtub, you may close and latch the door.



4. With the door closed and latched, enjoy your bath or shower!

# Safety Bath Sa-La's Optional Hydrotherapy System

## Description

Safety Bath's optional Warm Air Massage Hydrotherapy Systems allow for hygienic bathing while enjoying a deep, relaxing hydrotherapy experience. By utilizing air, rather than water, in the jet system, our hydrotherapy systems provide deep, relaxing hydro therapy without the sanitary risks of a standard water recirculation jet system.

## Air, Rather Than Water...

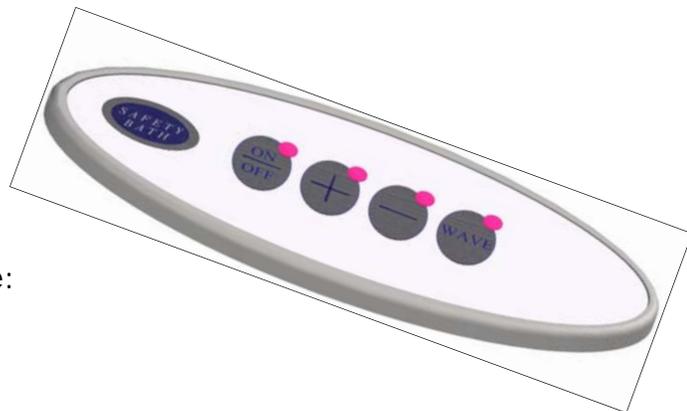
Air massage, also known as balneotherapy, is the use of air mixed with water to gently but efficiently massage the body. Its soothing and pain relieving virtues were already recognized by the Romans many years ago. But, unlike the Romans who could only afford the pleasures of a relaxing in an invigorating bath every now and then, the technology incorporated into your Safety Bath with Warm Air Massage Jet System allows you to enjoy the benefits of balneotherapy every day in your own bathroom.

Your new hydrotherapy system provides you with a gentle, overall massage. The massage effect is obtained by injecting warm air through air jets into the bathwater. Fill your tub with water at normal bathing water level ie. maximum 2" below the overflow when bather is sitting in the tub. Never fill the tub with water above the overflow level. *Never operate the hydrotherapy system when the water level is less than 6" above the highest jets.*

When filling your tub make sure that water temperature does not exceed 70°C (158°F). The use of water that is too hot might shorten the lifetime of the o-rings and gaskets of the air jets.

## Controlling The Warm Air Massage System

The Warm Air Massage system control panel (pictured, right) gives you total control of the 12 air jets at your finger tip.



The 4 buttons are described below, and on the next page:



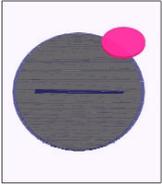
### **ON/OFF**

- ◆ Press once to turn the jets' air blower ON at maximum speed. The LED turns ON.
- ◆ Press again to turn the jets' air blower OFF. The LED turns OFF.



### **BLOWER SPEED INCREASE**

- ◆ Press and hold to increase the jets' air blower speed. The LED is ON while button is pushed.
- ◆ Release pressure at the desired speed.



### **BLOWER SPEED DECREASE**

- ◆ Press and hold to decrease the jets' air blower speed. The LED is ON while button is pushed.
- ◆ Release pressure at the desired speed.



### **BLOWER PULSE**

- ◆ Pressing this button once pulses the jets' air blower on slow cycle. The LED turns ON.
- ◆ Pressing the button a second time pulses the blower on fast cycle. The LED FLASHES.
- ◆ Pressing the button a third time turns the blower pulsation cycle OFF. The LED turns OFF.



# Safety Bath So-Lo's Optional Heated Shower Deck

## Description

If your Safety Bath So-Lo was ordered with the optional Heated Shower Deck, not only do you get a comfortable seating surface when you bathe or shower, the seat is also heated! Your installer or electrician has installed a 30-minute timer switch in a convenient location (usually near the bathroom's light switch) to turn the heated shower deck on and off.

## Operation

About 10 minutes before you wish to bathe, rotate the timer switch to the ON position and set for 30 minutes. After a few minutes the shower deck will begin to feel warm. Enjoy your bath or shower while sitting on a warm seat!



Safety Bath So-Lo With Heated Shower Deck - Timer Switch And Heated Seating Surface  
*Area in Red Shown For Illustrative Purposes Only*

## Care And Maintenance

1. Your Safety Bath So-Lo is quality built and individually tested before shipping. The blower motor is lubricated for life. As a result, your Safety Bath should require no mechanical maintenance. In the event that maintenance is necessary, consult a licensed, reputable service technician to perform any service that is required. Safety Bath recommends using the trades people who installed your tub, whether it be the plumber or electrician. Access to the blower motor, plenum, heated seat transformer, and electrical connections can be made through the convenient access hole in the front of the bath tub by removing the cover.
2. Your Safety Bath So-Lo is molded of colorfast acrylic to provide a thick, smooth, super strong surface. It is reinforced with several layers of fiberglass to provide years of durable service.
3. NEVER use heavy chemicals or abrasives to clean your bathtub, as they may damage the surface. Never use industrial-type cleaners, acetone, thinner, or any other petroleum-based cleaners on your Safety Bath. Most everyday dirt and grime can be wiped away with a damp cloth or a mild dish detergent. If a heavier product is necessary, ammonia will do the job quite nicely without damaging the acrylic finish. Read the label of any cleaning product carefully to be sure it is safe for use on acrylic.
4. A light stain (cigarette, for example), a small scratch, or a permanently dulled area can be restored by polishing with an automotive rubbing or polishing compound followed by a couple of coats of paste wax. DO NOT use rubbing or polishing compounds on any part of the bathtub which is not in need of repair.
5. Regular Cleaning:
  - a) Once a week, wash all exposed surfaces of the tub with a mild solution, such as a non-abrasive liquid or gel tub cleaner. *DO NOT* use rubbing or polishing compounds on any part of the bathtub during routine cleaning. Read the label of any cleaning product carefully to be sure it is safe for use on acrylic.
  - b) If a stubborn stain or scratch is discovered, and waxing is required, BE CAREFUL not to get wax into the small holes in the hydrotherapy jets (if equipped). If a jet does become contaminated with wax, a soft toothbrush may be used to clear the holes. After the tub is put back into service, the jet system should purge any contaminants from the jets. If the jet shows signs of blockage, fill tub with warm water, then switch system ON and OFF several times. The air outlets should be cleared. If this is not sufficient, carefully tap on the jet heads with the handle of a screwdriver or a similar tool (plastic) while the blower is running.

## **SAFETY INSTRUCTIONS AND USER PRECAUTIONS**

*\*\* REFER TO PAGE 5 FOR MORE INFORMATION*

1. Never run the hydrotherapy jet system when the water level in the tub is less than 2" above the highest level jet outlet.
2. Should you become drowsy or fatigued, ***leave the bathtub immediately.***
3. Do not use bubble baths or similar products with the hydrotherapy system as the foaming action is greatly increased, and will produce an overflow into the bathroom. Do not use the hydrotherapy after taking medication that produces drowsiness. Do not consume alcohol before using the hydrotherapy system.
4. Never leave a small child, invalid or intoxicated person unattended in the bath tub.
5. Anyone who has a respiratory, circulatory, or blood pressure problem, or who is pregnant or under medical care, should consult their physician on the use of any hydrotherapy system.
6. Using the blower for too long a period at too high water temperature will cause a tiring effect.
7. When you first begin to use your So-Lo, run the blower for five minutes maximum. Regulate the water temperature to a moderately warm level. These levels can be later increased for additional massaging effects. Your physiological response to a hot massage bath depends on your age, health and medical history. If you develop a headache or become dizzy or nauseous, get out at once and cool off under the shower. Get medical help if the symptoms persist.

## **Troubleshooting**

### **1. Blower fails to operate:**

- ⇒ Verify that electronic touch control is connected properly.
- ⇒ Check ground fault circuit interrupter. Reset if tripped.
- ⇒ Check electrical connections at junction box underneath bathtub through access panel.
- ⇒ If the system has been functioning for an extended period of time, it is possible that the thermal protection system has shut off the motor. Let it cool for at least 30 minutes, and try it again.

### **2. Motor runs, but no air comes through the jets:**

- ⇒ Verify that the main air hose from manifold to blower is properly connected. If necessary, reconnect and tighten clamps.

### **3. Air outlets of jet heads are obstructed:**

- ⇒ If the air outlets of a jet head are obstructed by soap or other residues, fill tub with warm water, then switch system ON and OFF several times. The air outlets should be cleared, if this is not sufficient, carefully tap on the jet heads with the handle of a screw driver or a similar tool (plastic) while the blower is running.

### **4. The air heater seems not to work**

- ⇒ To verify the operation of the air heater, fill the bathtub to working level and operate blower for approximately 5 minutes. Carefully feel the flexible connection hose where it connects to the blower. The hose and its immediate area should feel warm to the touch. If not, contact your local dealer.
- ⇒ If your tub is installed against two outside walls, it is recommended to ensure adequate insulation for these outside walls to minimize heat loss. ***However, do not suffocate the system's blower.***
- ⇒ Skin sensitive people might experience the so-called "cold air effect" which is caused by the sensation of air bubbles running along the wet skin and providing the bather with a shivering sensation. Just move your body slightly away from the closest jet to stop the sensation of cold air. (NOTE: Even if the out coming air would be hot enough to burn the skin, this shivering effect may still persist.)

**Note:** The air heater is not designed to heat your bath water, just to preheat the incoming air to body temperature.

## OTHER PROBLEMS, REPAIRS, AND CONCERNS

Should you encounter other problems with your Safety Bath, please contact our support group at:

**Safety Bath Hydrotherapy Systems**

Toll Free: 1-877-826-6666



*Thank You For Buying  
A Safety Bath!*