# **Boca Manufacturing** 770-516-9269

## **INSTALLATION GUIDE**

### **WARNING!**

Before unpacking, the Installer should carefully inspect the outer carton and wood crate frame for damage. Note: Upon delivery the customer should have already noted any apparent outer carton damage on the driver's paperwork. The Installer should immediately notify the delivery company and Boca Manufacturing (Mfg). if any apparent outer carton damage is found.

Open outer corrugated carton by its top and sides only. Before removing Tub from packaging, carefully inspect tub and its components. Report any actual damage immediately to Boca Mfg, and the delivery company. Only lift and move tub properly as directed. DO NOT lift tub out of its shipping packaging by its plumbing fixtures or electrical components: DO NOT drag tub. Carefully place the tub on a level floor surface. Failure to comply with any of the above may void the Tubs Warranty.

#### PRIOR TO INSTALLING THE WALK-IN-BATH:

**Important Note**: Your Installer must read and follow all instructions in this Installation Guide. Failure to do so, except with express written consent by Boca Mfg, may void the Warranty.

**Important Note**: It is the Installer's responsibility to obtain all required Government Licenses and Permits. Any liability for the failure to do so will solely be borne by the Installer.

**Important Note**: Immediately after removing the walk in tub from its crating and packaging, inspect all electrical and plumbing fittings and, except for the door fittings and door hinge, tighten (do not over-tighten) all loose connections as appropriate. Do not alter the door fittings, tamper with the hinge or try to get a closer fit on the seal. DO NOT OVERTIGHTEN ANY BOLTS. The tubs are completely water tested prior to leaving the factory and all the door tolerances and clearances are factory set.

TAMPERING WITH THE HINGE OR DOOR SEAL WILL VOID THE WARRANTY.

#### STEPS FOR INSTALLING THE WALK IN BATHTUB

- 1. If the walk in tub is replacing an existing tub or shower, remove the existing bathtub or shower being extra careful not to damage the surrounding floor tile or covering, baseboard molding, wall tile or covering, sheetrock or plaster and all materials and surfaces needed for the completion of the installation. Before proceeding, thoroughly remove all debris and clean the installation area and surrounding area.
- **2.** Check the area where the tub will be installed for overall floor integrity.
- **3.** Level the tub from the floor to the walls on either side. If the floor is sloping or bowed in any way, work from the highest elevation point. You may have to reinforce the floor joist to support tub.
- **4.** Install an electrical utility box (not supplied) on the back wall, 6" to 8" from the floor near the rear of the tub where the seat is located.
- A licensed electrician may be required for this part of the installation. Check local codes for information. Failure to use a licensed electrician, if required, may void the Warranty. Run electrical service to the box and install a 110-120W, 20 amp, and GFI outlet (not supplied). Recess button for the GFI should be located outside of tub area for easier access by the customer. TEST/RESET: Run Ground Fault Interruption tests to make certain the GFI outlet functions properly. Explain the functions and demonstrate the GFI outlet recess buttons to the customer.
- **5.** Ensure that all edges against all walls are plumb. Use an extra long level (at least 3ft) to ensure tub is level before proceeding any further.
- **6.** The tub is supplied with a deck mounted roman faucet assembly. Most installations are done mounting the faucets on the deck next to the waste and overflow assembly, left or right of the overflow assembly based on the model. Please follow instructions for installation.
- 7. Measure and verify the span of the faucet assembly's supply lines. Mark position of holes for the faucet and ensure that your pipe-work will not be obstructed. Double check all measurements and dimensions.

- **8.** Drill holes for the faucet assembly with a 1 1/4" hole saw bit. Drill the holes for the faucet using correct size hole cutter. Under no circumstances should you use a cutter that may damage the tub outside of the cutting area.
- **9.** Fit the faucet. The threads on the faucet are 1/2". Use a 1/2" flexible braided water supply line (not supplied). Note: These materials are available at most local plumbing supply houses and are not supplied with the tub.
- **10.** Fit the shower head and hose. Attach it to the diverter valve.
- 11. Install the waste and overflow. Note: some wastes do not have a long enough overflow for the tub. Use a 1 ½" tubular extension piece (not supplied) to reach the proper height.
- **12.** You may use washers with waste and overflow assemblies, or you may use silicone (not supplied) to seal it.

Under no circumstances should any oil based sealants or joint compounds are used on any part of the tub. Doing so may void the warranty.

- **13.** Connect the hot and cold water supply pipes to the faucet.
- 14. Connect all waste pipe-work.
- 15. Ensure that the door seal and ingress (doorway) are clean and free from installation dirt, dust and debris and ensure that the door handle is not loose. If tightening is needed, tighten the retaining locking nut until the required tension is acquired. DO NOT APPLY TO MUCH TORQUE TO DOOR BOLTS. Do not alter the door fittings, tamper with the hinge or try to get a closer fit on the seal. Do not over-tighten any bolts. The bathtubs are completely water tested prior to leaving the factory and all the tolerances and clearances are factory set. Tampering with the hinge or door seal will void the Warranty.
- **16.** Double check the bathtub for leveling once again, using at least a 4ft level.
- 17. Install 2 x 4 at each corner of tub from underneath the deck to floor for extra support (not supplied). If wall studs are not available to adhere to, build a 2 x 4 frame around the back wall. Level tub and place wedges under bottom of tub where tub is not touching the floor and secure the tub in place. Then by securing the plywood board to floor joist, therefore, securing the tub in place. Shim properly- not on stringers.

- **18.** If desired, build a pony wall or install an extender box. This should be installed next to the plumbing fixtures for additional space to serve as a place for shampoos, towels, bathroom trinkets, etc. The extender box is built with a hollow frame the same height and depth as the tub and topped with the same tile/material (or accent color tile/material) that is on the bathtub's surrounding walls. This is also where you will access all your plumbing needs should they arise.
- 19. Testing Phase: Place the drain plug firmly in the drain, close and lock the door, then fill the tub to the maximum level and let the filled bathtub stand for 20 minutes to test for any leakage. Please stay close by during this 20 minute test period, and in the event of leakage be prepared to pull the drain and have enough water absorbent materials (towels and the like) to minimize the chance for water damage. After 20 minutes, and assuming there are no leaks, the tub is ready for you to test the hydrotherapy system.

IMPORTANT NOTE: Pumps, heaters and jets should only be tested after filling the tub to recommended depths. To properly test the full hydrotherapy spa system, fill the tub to about 2" over the uppermost jets. To engage the hydrotherapy spa system, press the circular control knob located on the back side wall of tub, it will engage the system. Move your hand over all jet ports to test they are functioning properly. Don't forget to also test the hand held showerhead. The "mini bidet notch" has a turn knob operation (if your tub has this option installed). All water seal integrity and hydrotherapy cycles must be tested as described above, including the electronic purging system (see below). Failure to do so may subject the installer to liability and may also void the Warranty.

**20.** After checking for any leaks on all the pipe-work and the bathtub itself, and before you empty the tub, add water to just over the overflow to verify it is functioning properly. Assuming there is no leakage during any of the above test phases, empty the tub via drain. Confirm that the set screw on the waste and overflow is set properly.

Approximately 15 minutes after turning off the air system, the tub will turn on the air system automatically and it will run for about 60 seconds. During this cycle the electronic purging system will automatically blow out all the water in the pipes ensuring a clean and clear hydrotherapy spa system.

**21.** If any additional fixtures are to be fastened to the wall, i.e. grab rails (not included with tub), shower attachments, etc., carefully drill any holes that are needed and install the fixtures. Use only the correct size drill cutter and bits to maintain the integrity of the water-tight seal in the area being drilled.

- **22.** Apply a thin bead of silicone sealant between the tub and the wall and ensure that any excess sealant is removed. Do not use any solvent based adhesives as these will damage the tub and can void the Warranty.
- 23. Once the tub is secure and all the seals and plumbing pipe work have been checked fit front end panel by using a drill bit smaller than the <sup>3</sup>/<sub>4</sub>" screw that is used for attaching the front panel to the tub. Please be very careful not to drill into the tub itself, only the outer ledge. Place the screw into the cap and attach the front panel.
- **24.** Attach the panels and seal the panels to the bathtub.
- **25.** Apply a finishing seal with suitable silicone sealant. It is the sealant that secures the panel in place.
- **26.** Thoroughly clean the exposed tub surfaces, removing all installation debris, dust and materials. Do not use abrasive cleaning materials or solvent such as steel wool, metal pads, ammonia and bleach compounds, acid, etc. Clean with a soft sponge or cloth using a mild liquid dishwasher detergent or a product known as "Countertop Magic". Denatured alcohol may be used to remove tough grease stains. If the surface becomes dull after cleaning the tub, use a paste wax (such as a good quality car wax) to bring the area back to its original luster.
- **27.** After installation and cleaning is complete, demonstrate the tub's features and use and to customer.

Interfering, modifying, disassembling or changing the installation of any of the mechanical, electrical and structural part will void the Warranty.

Do not install any accessories directly to the tub that are not specifically authorized. Doing so will void the Warranty.

Never insert any object of any kind into slots, jets and/or openings on the tub. It is our opinion at Boca Mfg, whether the user has medical issues or not, we suggest keeping some form of communication nearby in case any issues or medical issues occur.

**Boca Manufacturing MADE IN USA**