

INSTALLATION INSTRUCTIONS

WALL MOUNT TUB VALVE

MODEL No's: I-500U

NEWPORT BRASS

Flawless Beauty. From Faucet to Finish.™

We Recommend Installation by a Professional Plumbing Contractor

Note: Use plumbers tape or equivalent to seal all threaded port joints. This valve is designed to fit in a 2" X 4" stud wall (or thicker) installation. Use stem extension kit #I-384 (sold separately) if valve installed is too far away from finished wall.

Warning: To prevent severe damage to the valve, any solder/braze process must be performed a minimum of 4" from ports, otherwise cartridge must be removed from the valve body.

1. Install 1/2" ELBOW into 1/2"NPT outlet port. The 1/2" ELBOW is to be positioned in the direction required for your specific application.
2. Construct a 2X4 CROSS BRACE and use PERFORATED STRAP and SCREWS (not provided) to secure and position valve BODY 4" – 4 1/2", measured from the back side of the valve BODY to the Finished Wall surface as shown in **Figure 1A** and **Figure 1B** below.
3. Check the horizontal and vertical level of the valve BODY by placing a bubble level across each STEM. Also, ensure each STEM is perpendicular (horizontal & vertical) to the Finished Wall. Make any necessary adjustments.
4. Connect valve BODY Hot and Cold inlets to water supply using proper fittings. Whenever possible, it is best to perform all solder/brazing operation prior to attachment to valve body.



Note : Re-torque to factory specification of 14-16 ft-lbs if cartridges are removed.

5. Fabricate BATH DROP as shown in **Figure 1B** and solder/braze it to the 1/2" ELBOW. Note: BATH DROP connecting to the spout requires a 1/2" NPT female fitting at the Finished Wall.
6. With STEMS in closed position, turn on water supply, pressurize system and check for leaks. Next, position a bucket in front of BATH DROP, use pliers to slowly open the hot first and then cold valve. This is to flush out any debris and check any blockage within the valve. Allow the water to flow for at least one minute. With the water pressure on, close the valves and carefully inspect for leaks. Temporary place a 1/2" NPT Plug (not included) into fitting of BATH DROP and open the valves to check for any leak between the 1/2" ELBOW connections and the BACK DROP. Repair as needed. Remove the temporary 1/2" NPT Plug after the check is complete.
7. Installation for Wall Mount Tub Valve is now completed. Proceed to complete Finished Wall surface (**Important:** to ensure enough clearance to remove the cartridge for future service, utilize the provided Mudguard to create 1.375" diameter access holes. To install Wall Mount Tub Trim, follow installation instruction provided with the trim product.

