

# Installation Instructions

## In- wall Lavatory Kit

### Models I-532T



We Recommend Installation by a Professional Plumbing Contractor

**Note:** Use plumbers tape or equivalent to seal all threaded port joints.

**Warning:** To prevent severe damage to valve body, any solder/braze process must be performed a min. of 4" from ports.

**Important: : REMOVE CARTRIDGE FROM VALVE BODY(1) PRIOR TO APPLYING ANY HEAT/FLAME.**

1. Secure valve BODY (1) to cross BRACE (2) using suitable SCREW (3), not included.
2. Check the horizontal and vertical level of valve BODY (1) by placing bubble level on STEMS (4, 5). Make any necessary adjustments.

3. Utilizing a 1/2" copper supply pipe and 1/2" Socket End x 1/2"NPT Male Pipe Adapter to sweat water supply line to inlets of Valve BODY(1), (blue STEM (4) is cold, red STEM (5) is hot). If sweating supplies are directly connected to valve inlets, remove cartridges during this process.

**Note : If cartridges are removed during installation, re-torque to factory specification of 14-16 ft-lbs.**

4. Adjust stiffness of stem rotation by tightening or loosening TORQUE NUT. Check stiffness by placing lever handle in horizontal position onto cartridge stem. Handle should not rotate under its own weight.

(Note: Water supply to valve should still be off; water pressure may affect the stiffness of stem.)

5. With STEM (4,5) in closed position, turn on water supply, pressurize system and check for leaks.

**NOTE:** The following step may only be performed after finished wall surface has been completed.

6a. **1/2 NPT Spout configuration** - Installer shall use appropriately sized 1/2 NPT nipple (not included) to attach spout to valve body. Thread sealant shall be applied to both ends of nipple and be tightened into valve body. Tighten spout (and base ring if supplied) to nipple end protruding from finish wall.

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08/28/2012

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**6b. 3/8 NPSM Spout configuration** - Installer shall use the appropriate 3/8 NPSM reducer nipple, (not supplied). Apply thread sealant to 1/2" NPT end of reducer nipple and install onto valve BODY (1). Rough fit spout (and base ring if supplied) to reducer nipple. Tighten to desired rotational position. Measure the excess nipple length between spout base/ring and finished wall. Remove spout and trim excess nipple length.

Trimmed end of nipple to be flat and free of sharp edges and burrs. Apply thread sealant to trimmed nipple and re-install spout trim.

7. Install handle escutcheon/bonnet trim and mark the cartridge all-thread nipple where excess needs to be trimmed.

8. Remove handle escutcheon/bonnet trim and cut cartridge all-thread nipple 1/16" less than indicated mark to prevent exposure of nipple threads.

9. Cut cartridge stem at least 1/2" to 1 5/8" past the end of the cut all-thread nipple. Final stem length may vary based on individual handle base configuration. (Stem is grooved at 1/2" intervals.)

10. Install escutcheon/bonnet trim and handle.

11. Secure handle into place by tightening handle setscrew. Note: To achieve desired handle rotational alignment, the cartridge **MUST** be tightened in clockwise rotation only. **DO NOT** loosen the cartridge. Factory torque of 14 ft-lbs, minimum must be maintained.

