



INSTALLATION INSTRUCTIONS **WATERBRIDGE FLOOR-MOUNTED EXPOSED SHOWERS**

The **Sonoma Forge WaterBridge Exposed Showers** are available in four configurations in four standard finishes (all come with an eight inch overhead rain dome & remote mixing valve). The models (see below in order) are;

- | | |
|--------------------|--|
| WB SHW 1040 | 2-Handle shower (hot & cold vol. controls) |
| WB SHW 1050 | 4-Handle shower (hot & cold vol. controls) w/shut-offs for Hand Wand |
| WB SHW 1070 | 4-Handle shower (hot & cold vol. controls) w/shut-offs for Foot Wash |
| WB SHW 1080 | 5-Handle shower (hot & cold vol. controls) w/shut-offs for Fub Wash & Hand Wand |

The standard finishes available are;

- | | |
|----------------------------|--------------------------------|
| RC - Rustic Copper | RN - Rustic Nickel |
| PN - Pizzazz Nickel | ORB - Oil Rubbed Bronze |





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Many of the parts on all WaterBridge Showers are made of copper. Copper is a soft metal and extreme care should be used in handling and installing these products to avoid surface scratching and damage. The Shower Heads are rated at 2.5 GPM. This may change depending on the homeowner's water pressure; the remote mixing valve is an anti-scalding component only and is fabricated for 1/2" lines.

The Waterbridge Exposed Showers are plumbed to 3/4" straight nipples, which are included with the unit. The Shower employs compression fittings to attach to nipples that have been stubbed out. The hot and cold lines should be plumbed 10" on center, with exactly 5/8" exposed from the finished floor.

Some plumbing codes require the use of a **remote (anti-scald) mixing valve** to avoid sudden hot water surges. This valve is designed to regulate the water flow for this exposed shower only. For that reason, this mixing valve may be installed in the wall directly behind the shower face plate, in a recess panel, or underneath the floor, or anywhere prior to the shower valve hook-ups on the hot water. Most plumbing codes require access to this valve for possible future servicing.

 **WATTS®**



REMOTE (ANTI-SCALD) MIXING VALVE FROM WATTS (PART# 1/2 MMV-US M1)

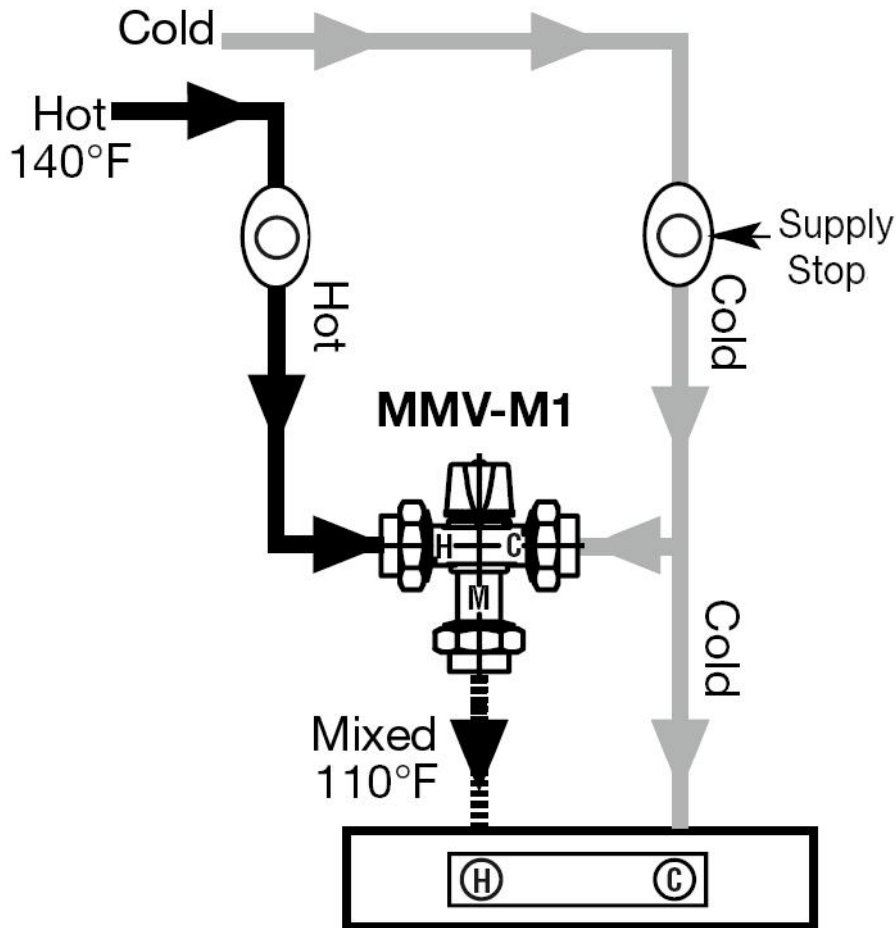
Spec Sheet & Installation Instructions Included in Box

It is very important for proper installation of this shower and for safety that this remote thermostatic mixing valve be properly installed. It is strongly recommended that this and all plumbing parts and fixtures be installed by a professional plumber.



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Remote (anti-scald) Mixing Valve Installation: Although the valve can be placed downstream to the shower valves, it is important that it be accessible for cleaning, service, or adjustment. Prior to installing this valve, make sure that all lines have been flushed of any debris. The hot and cold water must be fully operational at the valve inlets or the unit will not function properly even during testing or flushing.



Close both the hot and cold water supply shut-off valves and bleed the remaining water from the system.

Clean pipe ends and solder both the hot and the cold connections at the locations locate on the valve body. The valve cartridges do not have to be removed before soldering.

After soldering, check for leaks.

Note: When using with a recirculation system, re-circulated water must enter downstream to the thermostatic system.

WARNING Temperatures exceeding 110 degrees are dangerous and may cause scalding, server injury or death. This valve is NOT factory preset. Installer must make the proper adjustments.



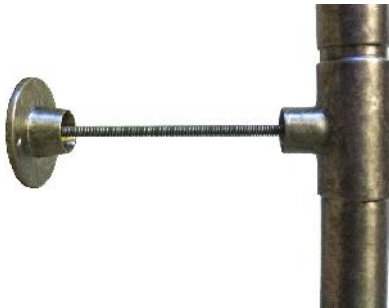
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Trim Installation

- 1) This shower is shipped with adjustable wall brackets for uneven walls. These consist of an inner all-thread and a loose outer tube. These can be adjusted from 2-1/2" – 7-1/2" from the wall to the center of the shower's vertical riser.
THESE MUST BE ADJUSTED BEFORE INSTALLATION
- 2) Carefully remove the shower from its shipping crate and assemble the two halves. Be sure to use Teflon tape or joint compound to prevent leaks.
- 3) Cut the inner threads on the mounting brackets to desired lengths, then use a hack saw to cut the outer tubes. Use a level to insure that the shower will be installed straight up and down.

INNER THREADS:



7-1/2" MAXIMUM LENGTH:



2-1/2" MINIMUM LENGTH:



- 4) Two 3/4" straight nipples should be stubbed out at 5/8" through the floor at 10" on center. Install the complete shower body onto the nipples and tighten the compression nuts.
- 5) Anchors and plated screws are included with the shower to attach the support brackets to the wall. Make sure there isn't too much stress on the body when screwing the brackets to the wall. This may lead to the welded joints cracking over time.
- 6) For Models with Hand Showers, included is a separate mounting bracket that cradles the hand wand. This can be mounted anywhere, depending on client's preference, within the 59" length of hose.
- 7) Remove an internal mounting bracket (included) from the back of the hand wand's cradle by loosening the set screw. Mount the bracket where desired on wall with provided stainless steel screws. Re-affix the Bracket Trim, and tighten set screw.



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- 8) Note that when the user is finished with the hand shower, ensure that there is no negative stress on the hose when hung up. The hose will eventually unravel if this is not done.
- 9) Once the Shower Body is installed, the Shower Arm should be installed (again, employing Teflon tape or joint compound).
- 10) Then the Rain Head should be installed:
(Again, employing Teflon tape or joint compound)
- 11) Unscrew the collar from the top of the rain head.
- 12) Using an Allen wrench (not provided), thread the ball joint into the shower arm until secure.
- 13) Supporting the head, tighten the collar back on to the top of the head.
- 14) Note: Your shower head is shipped with a flow restrictor inside the top of the ball joint. For replacement, this can easily be removed by reversing step 11-13.



Ball joint and Allen Wrench

- 15) Turn water supply on at source, and check for leaks.
- 16) Check volume controls and shut-off valves for proper function.

Care & Maintenance: Generally, no abrasives should be used to clean these units to protect the finishes. Mild soaps and water should be used. If water spots are undesirable, a water softener may be added to the system and 100% carnauba wax can be used to protect the finish.