



INSTALLATION INSTRUCTIONS

WATERBRIDGE EXPOSED SHOWERS

The **Sonoma Forge WaterBridge Exposed Showers** are available in five 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 SH 840	2-Handle shower (hot & cold vol. controls)
WB SH 850	4-Handle shower (hot & cold vol. controls) w/shut-offs for Hand Wand
WB SH 870	4-Handle shower (hot & cold vol. controls) w/shut-offs Tub Filler (or foot wash),
WB SH 880	5-Handle shower (hot & cold vol. controls) w/shut-offs for Tub Filler & Hand Wand

The standard finishes available are;

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





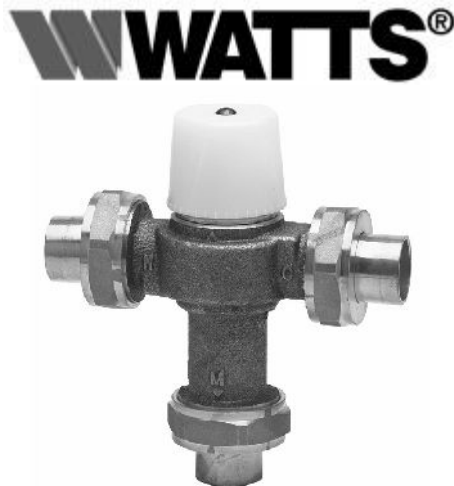
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Many of the parts on all WaterBridge Showers are made of copper. Copper is a soft metal and extreme care should be used in handling and installing these products to avoid surface scratching and damage. The Shower Valves are rated at 12 GPM. This may change depending on the homeowner's water pressure; the mixing valve is an anti-scalding component only and is fabricated for 1/2" lines.

The Waterbridge Exposed Showers are plumbed to 1/2" copper lines. The Shower employs compression fittings to attach to plumbing lines that have been stubbed out. The hot and cold lines should be plumbed 8" on center. A template is included with the shower to position lines.

Plumbing codes require the use of a **remote (anti-scald) mixing valve** to avoid sudden hot water surges (included with all of these shower sets). 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 .

PICTURE 2



REMOTE (ANTI-SCALD) MIXING VALVE FROM WATTS (PART MMV-M1 #19.30.223)

Spec Sheet & Installation Instructions Included in Box

Larger valves are available that will adjust the water going to multiple plumbing fixtures. These can be ordered as options.

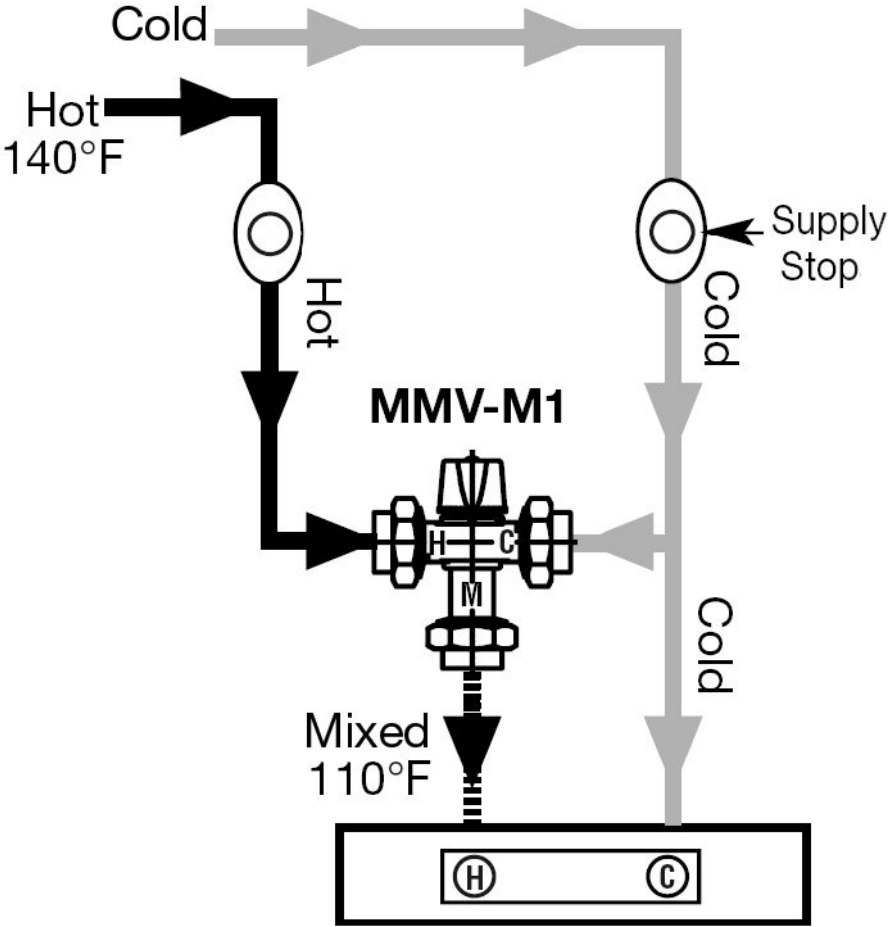
It is very important for proper installation of this shower and for safety that this remote thermostatic mixing valve be properly installed. It is strongly recommended that this and all plumbing parts and fixtures be installed by a professional plumber.



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NOV 2010

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.

PICTURE 3



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.

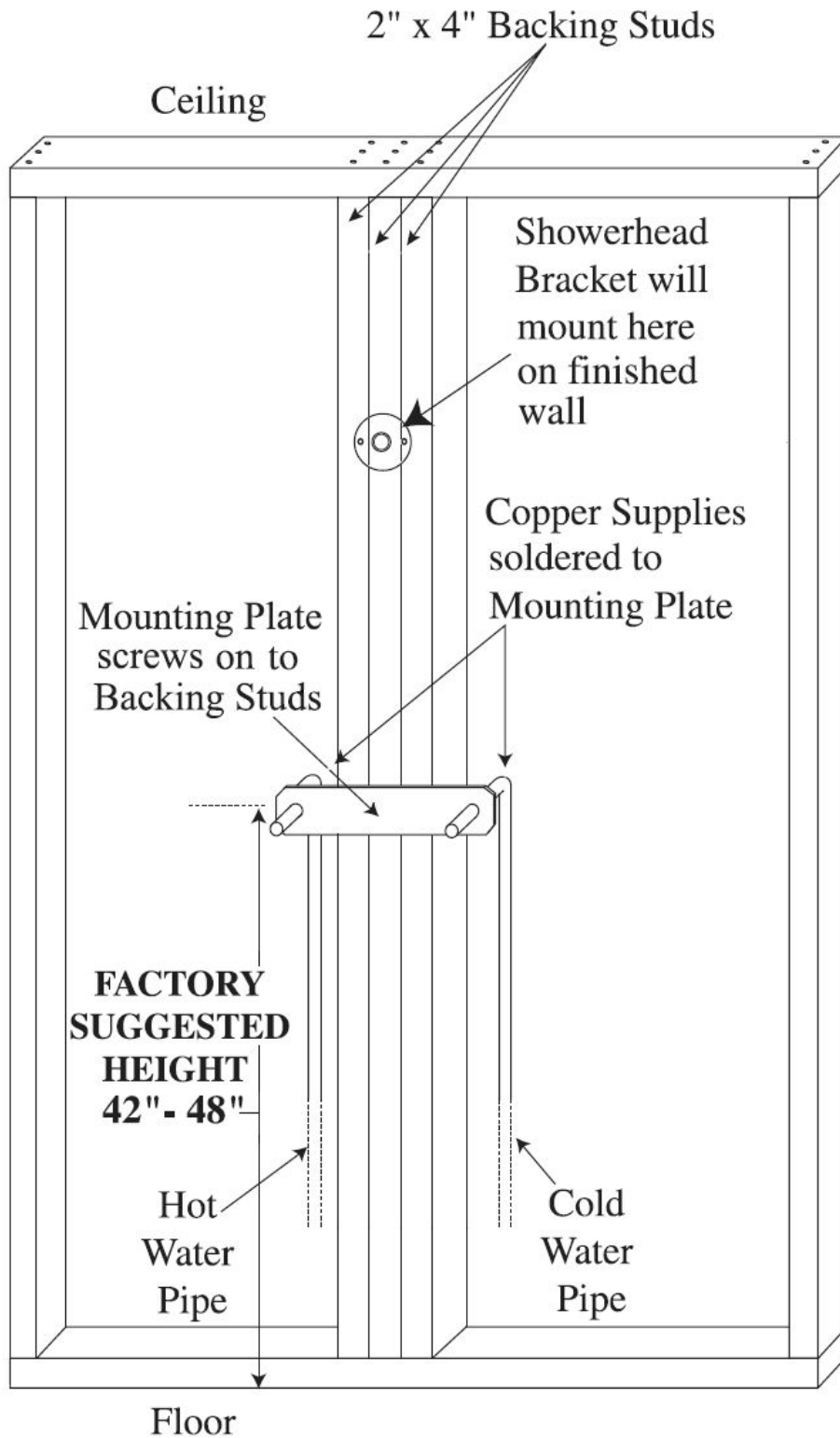
Note: When using with a recirculation system, re-circulated water must enter downstream to the thermostatic system.

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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PICTURE 5





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WaterBridge Shower Installation

- 1) Determine a comfortable height for the shower handles and mark the wall.
- 2) Install the **mounting plate** pictured below (included with shower) into the wall (see picture 5 above).

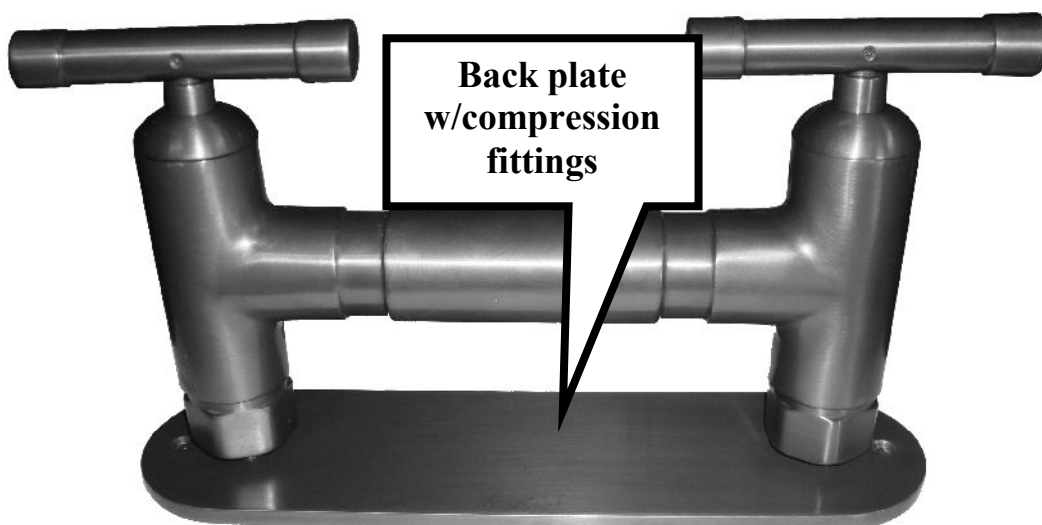
NOTE: Sonoma Forge recommends that additional studs and blocking be installed into the wall behind the mounting plate for additional support of the shower.

- 3) Use a level to insure it is level to insure vertical shower extension is at a right angle to the back plate.
- 4) Run your supply lines through the mounting plate and solder in place to make the lines rigid. **Leave enough stubbed-out to extend beyond the finished wall and into the shower back plate. Cap lines until ready to install trim.**



- 5) Carefully remove the shower from the shipping package.
- 6) Remove the trim nut from the shower valve body. Take care not to damage or misplace the compression ferrules.

NOTE:
For Shower Models (870 & 880) with Tub Filler/Foot Wash;
Install the tub spout and/or foot wash extension piece on to the Shower Body prior to mounting on to the wall. (This will not rotate once the shower is installed on to the wall.)





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VERSION
NOV 2010



7) Uncap the supply lines, and cut them down to 1-1/16" to 1-9/16" from the finished wall.

8) Slide the shower back plate over the lines, and screw the back plate firmly to the wall.

Care should be used to properly level the back plate as this will control the alignment of the entire shower.

9) Install the ferrules over the supply lines.

10) Place shower body against the wall plate so that it seats properly in the compression nuts. It is recommend to use Teflon tape or joint compound on the threads.

11) Tighten the compression nuts, being careful not to scratch the finish.



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VERSION
NOV 2010



12) Using a level, the upper mounting bracket should now be attached to the wall using the included screws.

13) Once the Shower Body is installed, the Shower Arm should be installed (employing Teflon tape or joint compound).

13) Then the Shower Head Collar and Rain Head should be installed (again, employing Teflon tape or joint compound).

14) For **Models with Hand Showers**, a separate mounting bracket is included. Remove the internal mounting bracket from the back 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.

Ensure that the hose does not have any tension when not in use, as it will unravel if this is not done.

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.