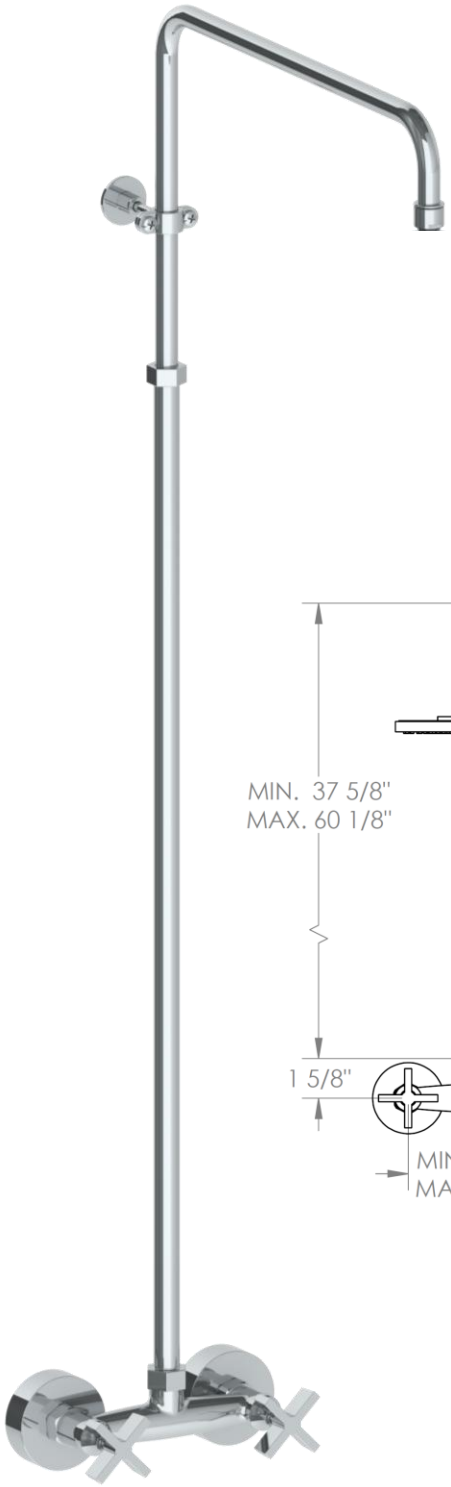
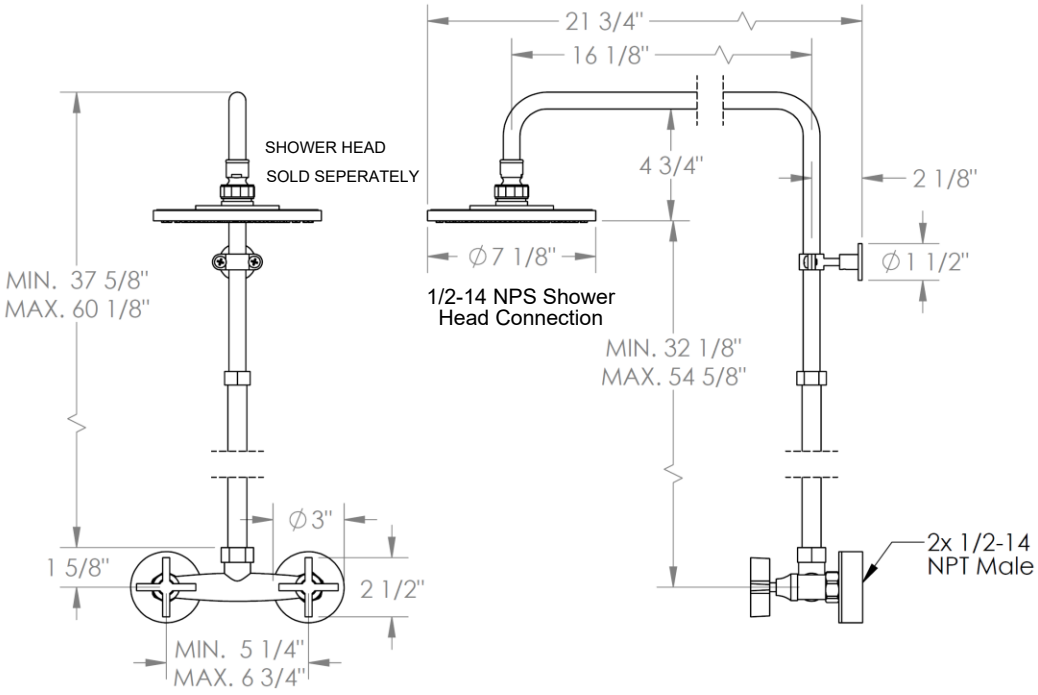
REJUVENATION

www.rejuvenation.com

WEST SLOPE
Wall Mounted Exposed Shower
Flow Rate: 1.75 GPM
includes SS-PB50 remote pressure balance anti-scald valves





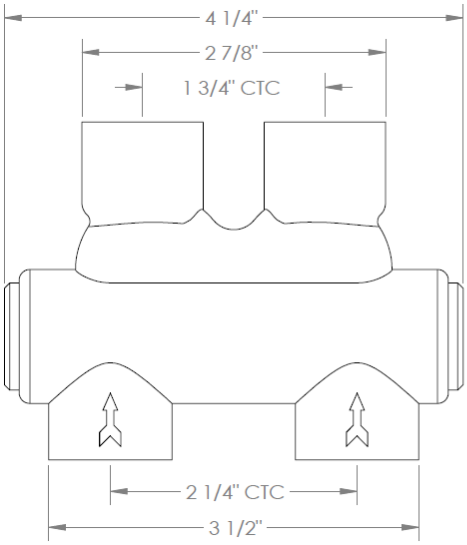
Meets the applicable requirements of ASME A112.18.1-2005/CSA B125.1-05, entitled “Plumbing Supply Fittings”

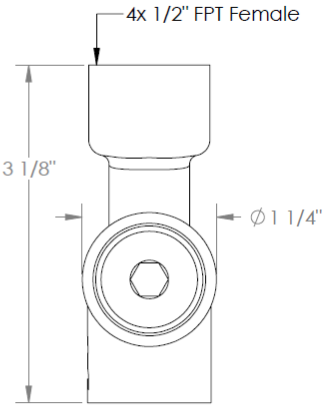
SS-PB50

½" Remote Pressure Balance Valve (Anti-scalding)
New York state - building code requirement

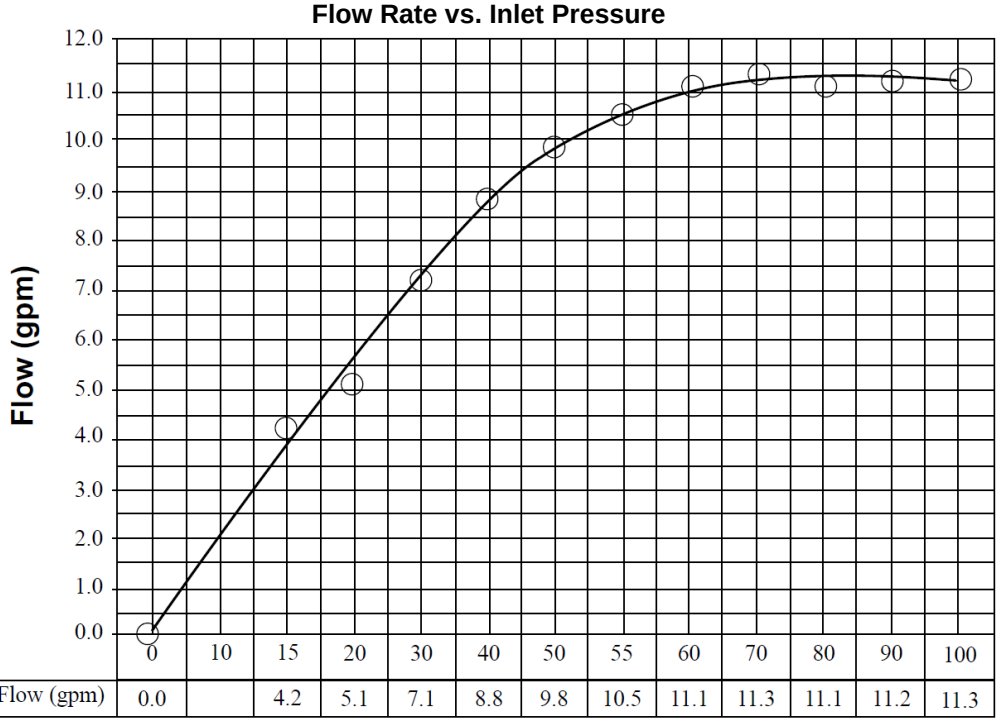
Note: To protect from pressure surges and pressure loss - which can cause fluctuations in hot/cold water delivery.
Note: Check valves (not supplied) need to be installed at the inlets of this valve to prevent potential cross connection.

Caution: Some plumbing codes may require hot water not to exceed 120°F.





Flow Rate vs. Inlet Pressure



°Flow (gpm)	0.0		4.2	5.1	7.1	8.8	9.8	10.5	11.1	11.3	11.1	11.2	11.3
	0	10	15	20	30	40	50	55	60	70	80	90	100

Static Supply Pressure (psig)

Meets the applicable requirements of ASME A112.18.1-2005/CSA B125.1-05, entitled "Plumbing Supply Fittings"

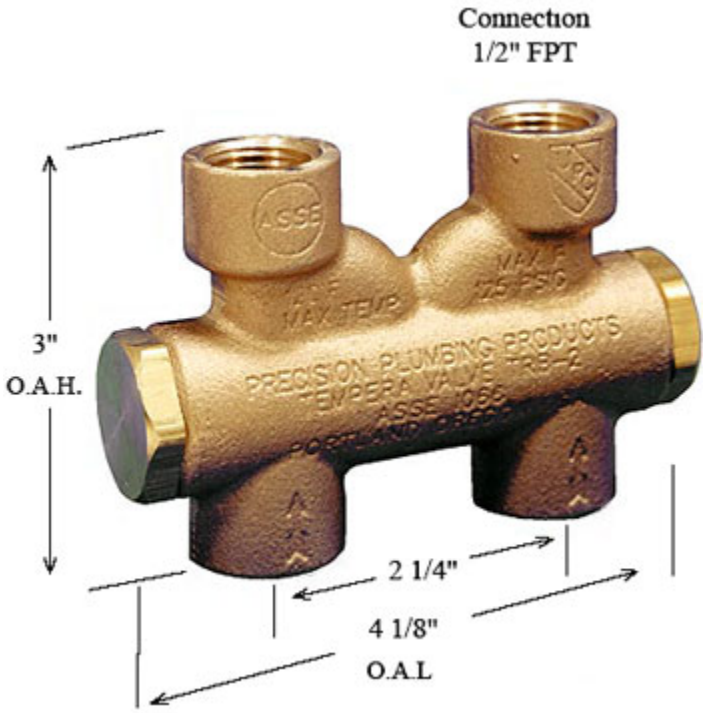
350 Dewitt Ave Brooklyn NY 11207 USA T 718 257 2800 F 718 257 2144 info@watermark-designs.com

INSTALLATION FOR

SS-PB50 REMOTE PRESSURE BALANCING VALVE
(For Shower Systems)

Note:

- Check valves are strongly recommended to be installed on both inlets. Not provided.



Features:

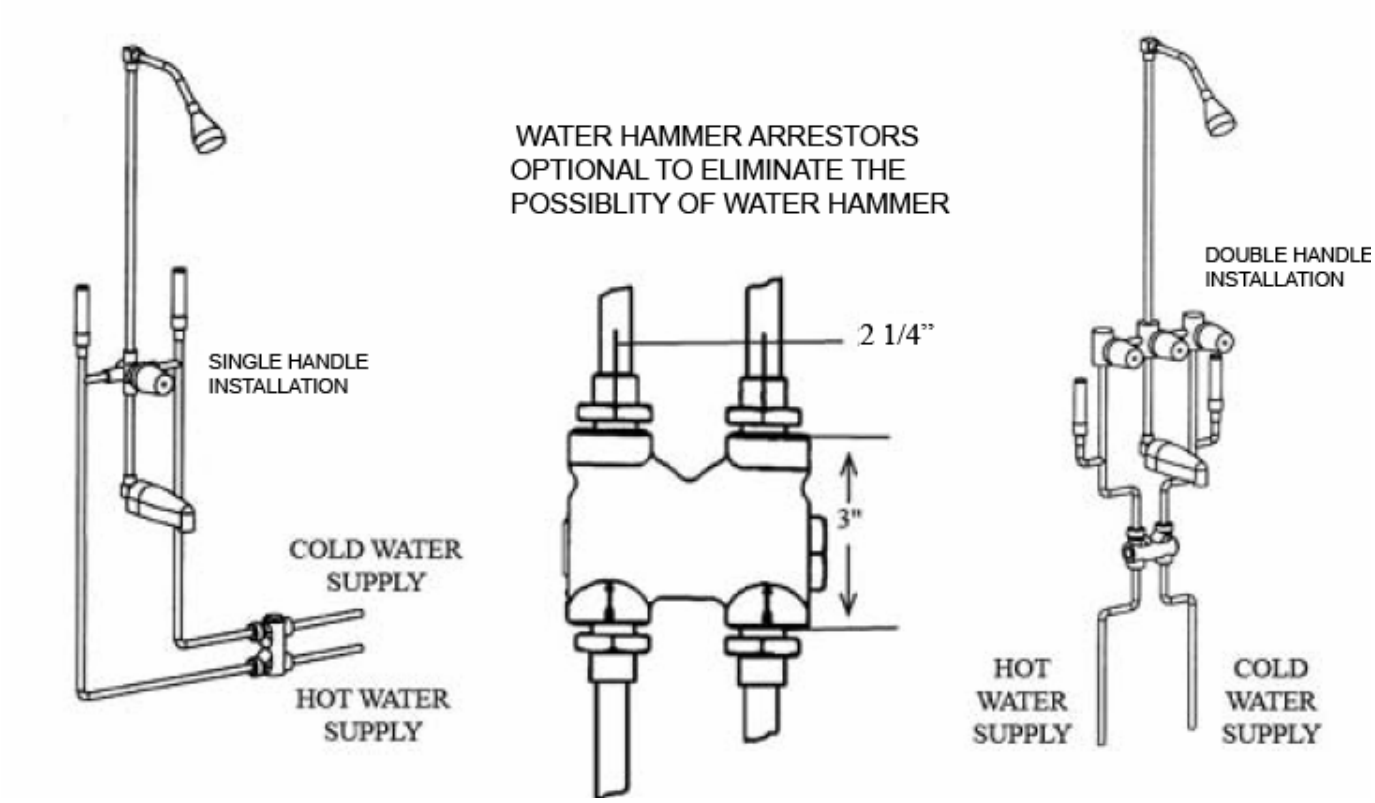
- AUTOMATIC PRESSURE COMPENSATING, PREVENTING THERMAL SHOCK
- CAN BE USED WITH SINGLE OR TWO HANDLE MIXING VALVE ASSEMBLIES
- HOLDS A SELECTED WATER TEMPERATURE TO WITHIN + 3º F DEGREES REGARDLESS OF PRESSURE CHANGE FULLY PORTED VALVE WITH MINIMAL PRESSURE DROP
- SAFE AND POSITIVE BECAUSE IT IS A PRESSURE BALANCING VALVE, NOT A THERMOSTATIC MIXING VALVE
- MEETS A.S.S.E. STANDARD 1066 INDIVIDUAL IN-LINE PRESSURE BALANCING VALVES

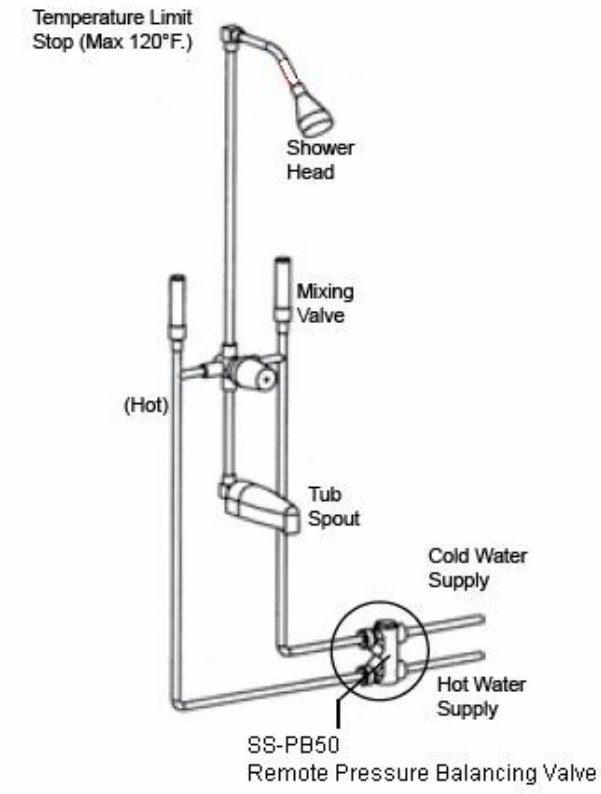
ADVANTAGES:
May be installed at any convenient, accessible point on the supply lines in any position or angle May be in-stalled in either exposed or concealed locations (Access door is required).

INSTALLATION:
Install the pressure balancing unit before the fixture and control valve. It may be installed on 1/2” water supply line at any angle or position. It is not necessary that the SS-PB50 Valve be mounted level. The SS-PB50 Valve may be mounted concealed or exposed (access doors required)

SS-PB50 REMOTE PRESSURE BALANCING VALVE
(For Shower Systems)

INSTALLATION DIAGRAM

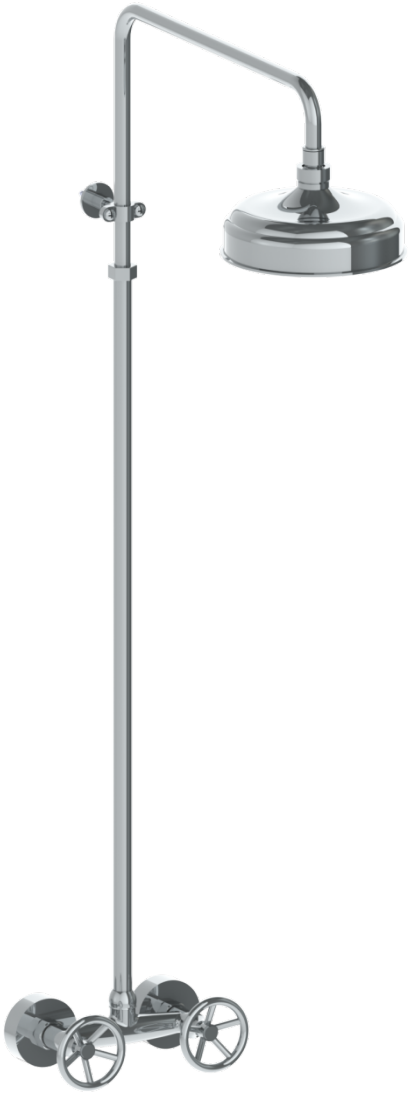




WATERMARK

MADE IN BROOKLYN, NEW YORK

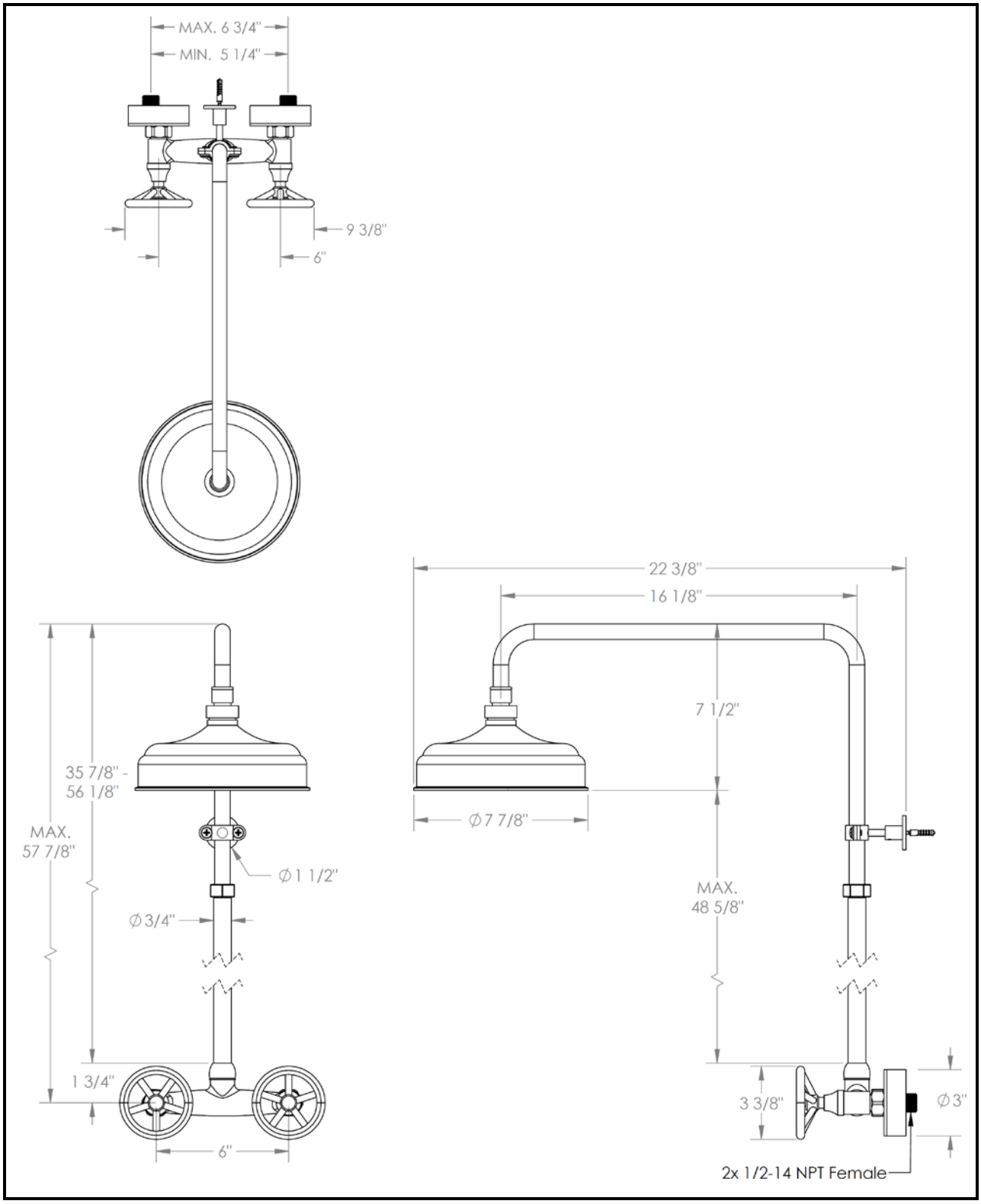
INSTALLATION INSTRUCTION



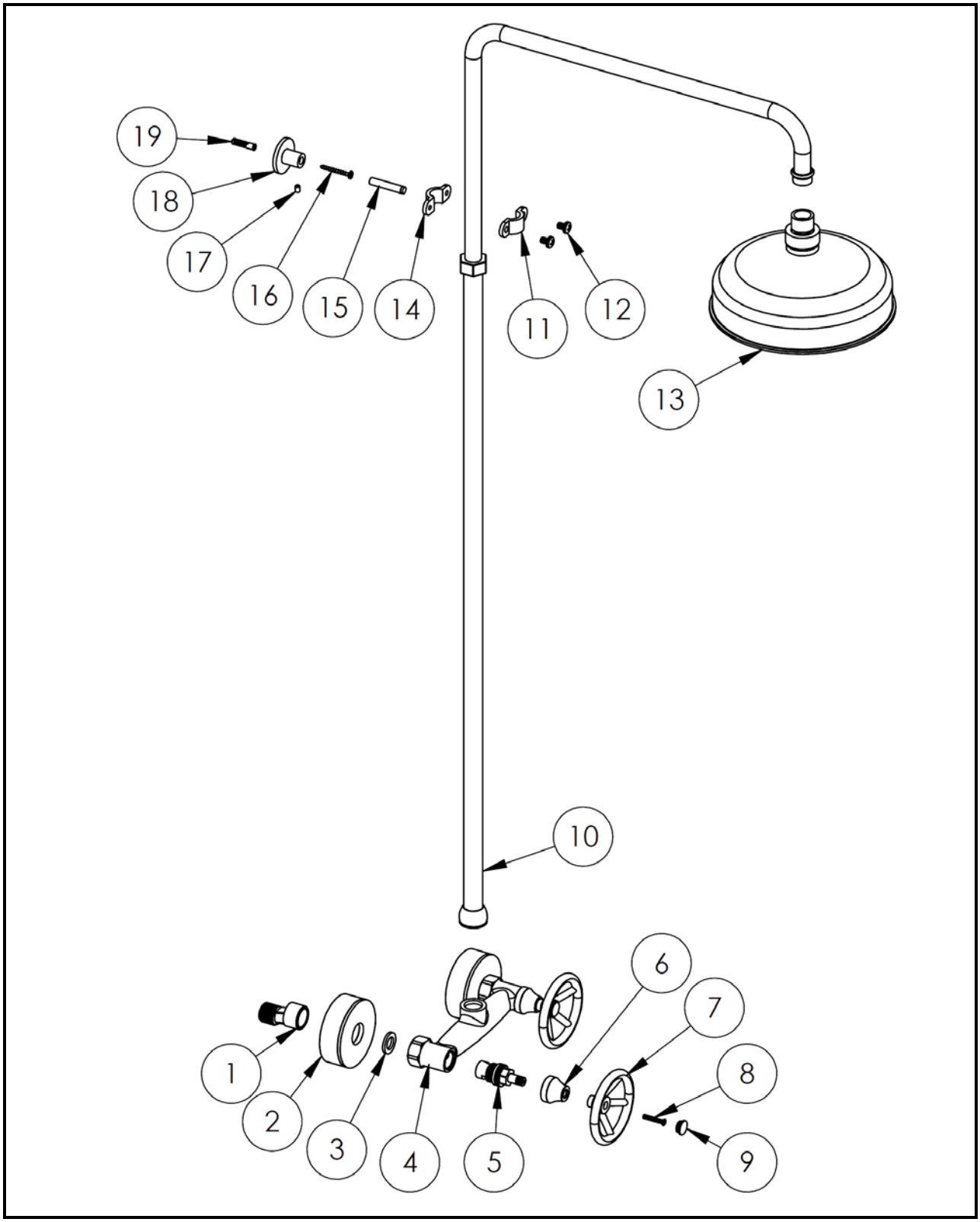
Exposed Shower System 31-6.1

ASME A1 12.18.1
NSF61
CAS B125.1

DIMENSIONS (Shown below is 31-6.1)



PARTS BREAKDOWN



PARTS BREAKDOWN (CON'D)

ITEM NO.	PART NUMBER	QTY
1	38-2.25-SPPLY-ADAP	2
2	31-6.1-FLNG	2
3	24-7.7-GSKT	2
4	24-7.7-BODY	1
5	CRT-502	2
6	24-7.7-CRT-ESC	2
7	BK-KNOB	2
8	CR-FHM1 0.164-32x1x1-S	2
9	BK-KNOB-CAP-R2	2
10	EX9500-RSR	1
11	EX9500-RSR-SEAT-FRNT-BRCKT	1
12	CR-PHMS 0.25-20x0.375x0.375-S	2
13	SH-RH075-BODY	1
14	EX9500-RSR-SEAT-BACK-BRCKT	1
15	EX9500-RSR-SEAT-STEM	1
16	#8- 1.5-IN-DRYWALL-SCRW	1
17	B18.3.6M - M5 x 0.8 x 8 Hex	1
18	EX9500-RSR-SEAT-BASE	1
19	AF6 WALL ANCHOR	1

INSTALLATION INSTRUCTIONS

ATTENTION

1. The cartridges in the main body have been tested and adjusted by the factory. DO NOT take the cartridges apart.

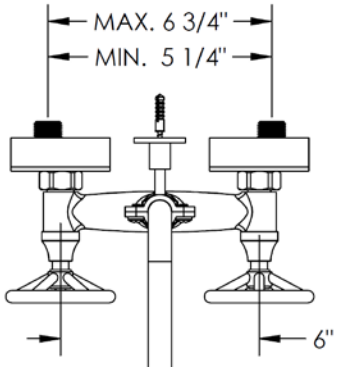
2. Ensure to clean water supply pipe before installation to avoid clogging.

TO KEEP THE QUALITY OF THE FAUCET PLEASE FOLLOW THESE INSTRUCTIONS

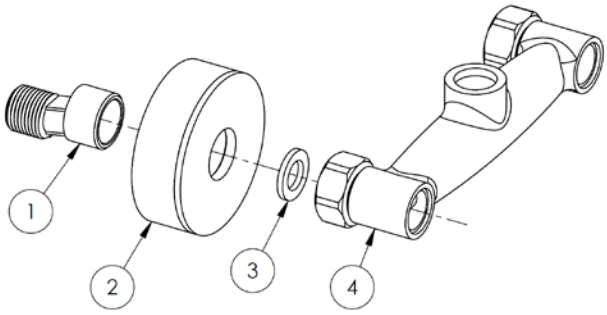
- Avoid contact with newly applied paint, thinner or other harsh solvents.
- To clean, wipe your faucet with a soft cloth dampened with mild soapy water or a citrus based furniture polish. For chrome and nickel finishes, a chrome cleaner can also be used every few weeks.
- Do not use any harsh chemical cleaners or any product with ammonia.
- Avoid contact with cosmetic products, such as shaving cream, nail polish removers, or colognes.
- It is important that you keep your hardware dry. Elements in water remaining on the faucet can break down the finish. Pay special attention to area where water can settle such as the mouth of the spout and around the base of the handles.

STEP (1)

Choose desired position to install the mixer body, note the center to center distance of the in-wall supply connection should fall in the range between 5 1/4” and 6 3/4”



Thread the flange (2) through the supply adapter (1) until flush with the finished wall. Next, attach the gasket (3) to the nut located on the end of the mixer body (4), and tighten the nut over the flange (2). After tightening the nut of both the hot and cold supply over the flange (2), verify the stability of the mixer body (4).

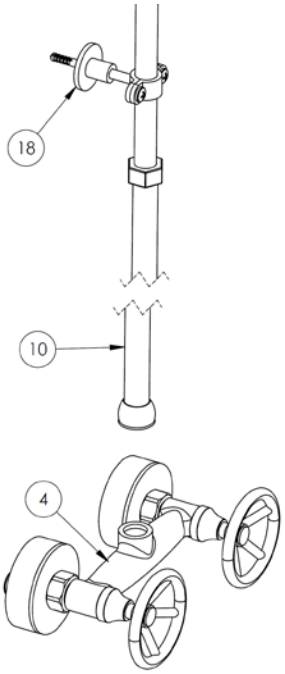


Note: It is recommended that the in-wall supply adapter be set back from the finished wall, and this distance should fall within a range of ± 1/8”.

STEP (2)

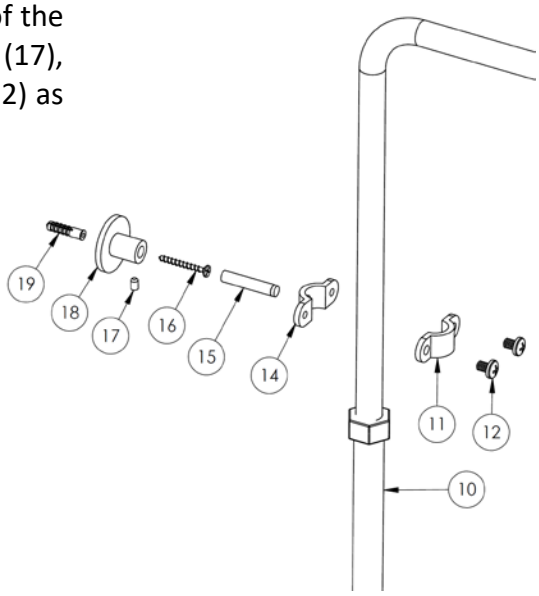
Choose desired height of the shower/rain head (13), and then align the riser (10) with the mixer body (4) to mark the location to install the riser seat base (18).

With location of the riser seat base (18) determined above, drill a hole in the wall for the wall anchor (19). Hammer the wall anchor (19) into place. Install the riser seat base (18) to the wall using the screw (16)



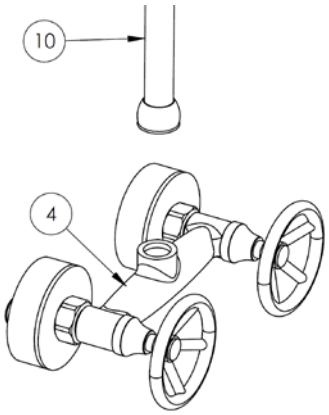
STEP (3)

Based on the diagram below, assemble the rest of the riser seat components (11), (12), (14), (15), (16), (17), with the riser (10). DO NOT tighten the screws (12) as yet.



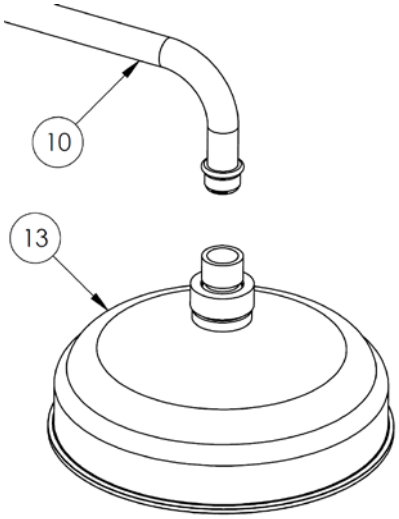
STEP (4)

Tighten the riser (10) to the mixer body (4), with the riser nut at the end and located between them. Go back to STEP (3) and tighten screws (12) to secure the riser position. Verify stability of the mixer body (4) as well as the riser (10).



STEP (5)

Install shower/rain head (13) into the riser (10) using a crescent wrench or fitting wrench. Verify the stability of the entire system.

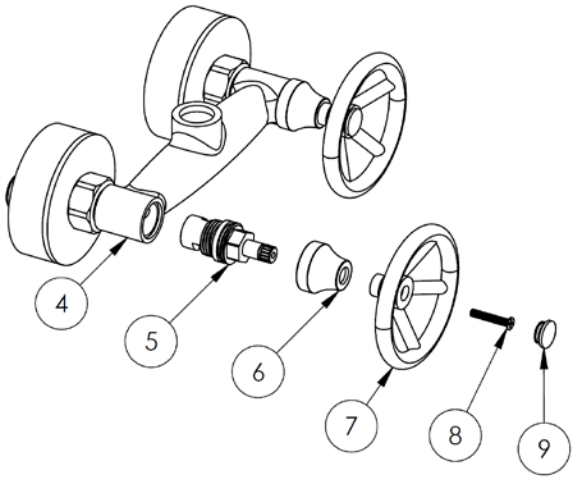


STEP (6)

Check for leakage and stability issues before use.

Cartridge Installation

Thread the 502 cartridge (5) into the mixer body (4), and fit the cartridge escutcheon (6) through the 502 cartridge (5) to thread it onto the mixer body (4).



IMPORTANT INSTALLATION INFORMATION

- USE TEFLON TAPE OR PIPE SEALANT FOR THREADED CONNECTIONS
- DO NOT USE PLUMBER'S PUTTY ON ANY OF THE BRASS COMPONENTS
  This will cause the finish to tarnish and void the warranty. A non-corrosive Alkoxy Silicone is recommended.
- DURING SWEATING OF LINES DO NOT OVERHEAT CASTING
  Overheating may cause damage to internal mechanism
- COPPER ADAPTORS MAY BE REQUIRED TO COMPLETE YOUR INSTALLATION

For technical support, please call 718-257-2800

OPERATION:
Fully automatic - no manual controls, regulating or adjustments are needed. With only one moving part, the SS-PB50 Valve is designed to equalize the hot and cold supply line pressures. The change in water pressure will not affect the preset temperature.

ASSEMBLED IN ACCORDANCE WITH ANSI/ASME A112.1.2 AIR GAP IN PLUMBING SYSTEMS STANDARD

CONSTRUCTION DETAILS:
EXTERNAL: Red-Bronze cast body containing over 85% ingot copper. ASTM # B584 and Alloy# C84400

INTERNAL: Stainless steel (# 303) is used in the piston and sleeve.

MAINTENANCE: A minimum is required, other than occasional flushing of foreign deposits. Of the SS-PB50 Valve's four parts, only the balancing piston moves. This simple, compact design minimizes wear and mechanical failures

INSTALLATION INFORMATION:

- The SS-PB50 Remote Pressure Balancing Valve is a piston-actuated valve. It is necessary to Flush all supply lines leading to the valve prior to installation.
- We require only Teflon tape to be used when connecting this valve to the water system. The use of pipe dope or liquid thread sealant will affect the proper operation of this valve and void the warranty.
- Install the SS-PB50 valve in line with the shower control valve. It is not necessary to install the SS-PB50 valve close to the shower control valve, as long as discharge lines are dedicated.
- Install the SS-PB50 valve with the flow arrows in the proper direction with respect to flow. It is not necessary to maintain any particular geometric position for this valve.
- The SS-PB50 valve is a mechanical device, which may require maintenance.
- Remember to place this valve in an accessible location.
- Failure to follow these instructions will make void any product warranty

CAUTION: MODEL PLUMBING CODES REQUIRE HOT WATER NOT TO EXCEED 120°F.

FOR TECHNICAL SUPPORT PLEASE CALL 718-257-2800