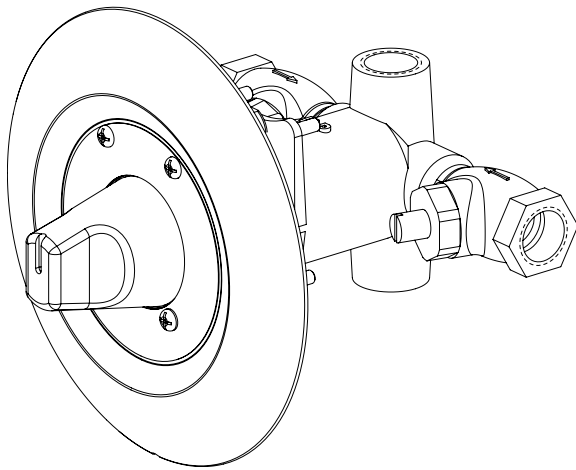


Installation

S59-1005SR

Bradley Equa-Flo™ HD Ligature Resistant Pressure-Balancing Shower Valve



For use with shower heads rated at 5.7 L/min (1.5 gpm) or higher.

Table of Contents

Safety Information	2
Supplies Required	2
Rough-In	3
Connect Valve and Adjust Valve Temperature	4
Attach Escutcheon and Handle	4



Read the instructions in this manual before beginning installation. Save these instructions and refer to them for inspection, maintenance, and troubleshooting information.

For questions regarding the operation, installation or maintenance of this product, visit bradleycorp.com or call 800.BRADLEY (800.272.3539).

Product warranties and parts information may also be found under "Resources" on our website at bradleycorp.com.



Safety Information

To ensure proper operation:

Installation

Failure to comply with proper installation and maintenance instructions could contribute to a valve failure resulting in severe bodily injury including scalding, chilling, and/or death depending upon system water pressure changes and/or supply water temperature changes.

Hot limit screw is set in the maximum temperature position. Failure to properly adjust may result in serious scalding. This valve may not protect from scalding if there is a failure of other temperature-controlling devices elsewhere in the plumbing system. Excessive heat may cause damage to internal parts.

This valve is intended to be installed as an ASSE 1016 valve- at the point of use, where the user has access to flow or final temperature controls. This valve should not be used where an ASSE 1017, ASSE 1069, or ASSE 1070 device is required.

Make sure that all water supply lines have been flushed and are then completely turned off before beginning installation. Debris in supply lines can cause valves to malfunction.

Installation of this system must be completed by a qualified plumber in compliance with all national and local codes. Compliance and conformity to local codes and ordinances is the responsibility of the installer. Should these codes differ from the information in the manual, follow the local codes. Inquire with governing authorities for additional local requirements.

Inspection

Regular checking and cleaning of the valve's internal components and check stops is necessary for maximum life and proper product function. Periodic inspection and yearly maintenance by a licensed contractor is required. Corrosive water conditions and/or unauthorized adjustments or repairs could render the valve ineffective for its intended service. Frequency of cleaning and inspection depends upon local water conditions.

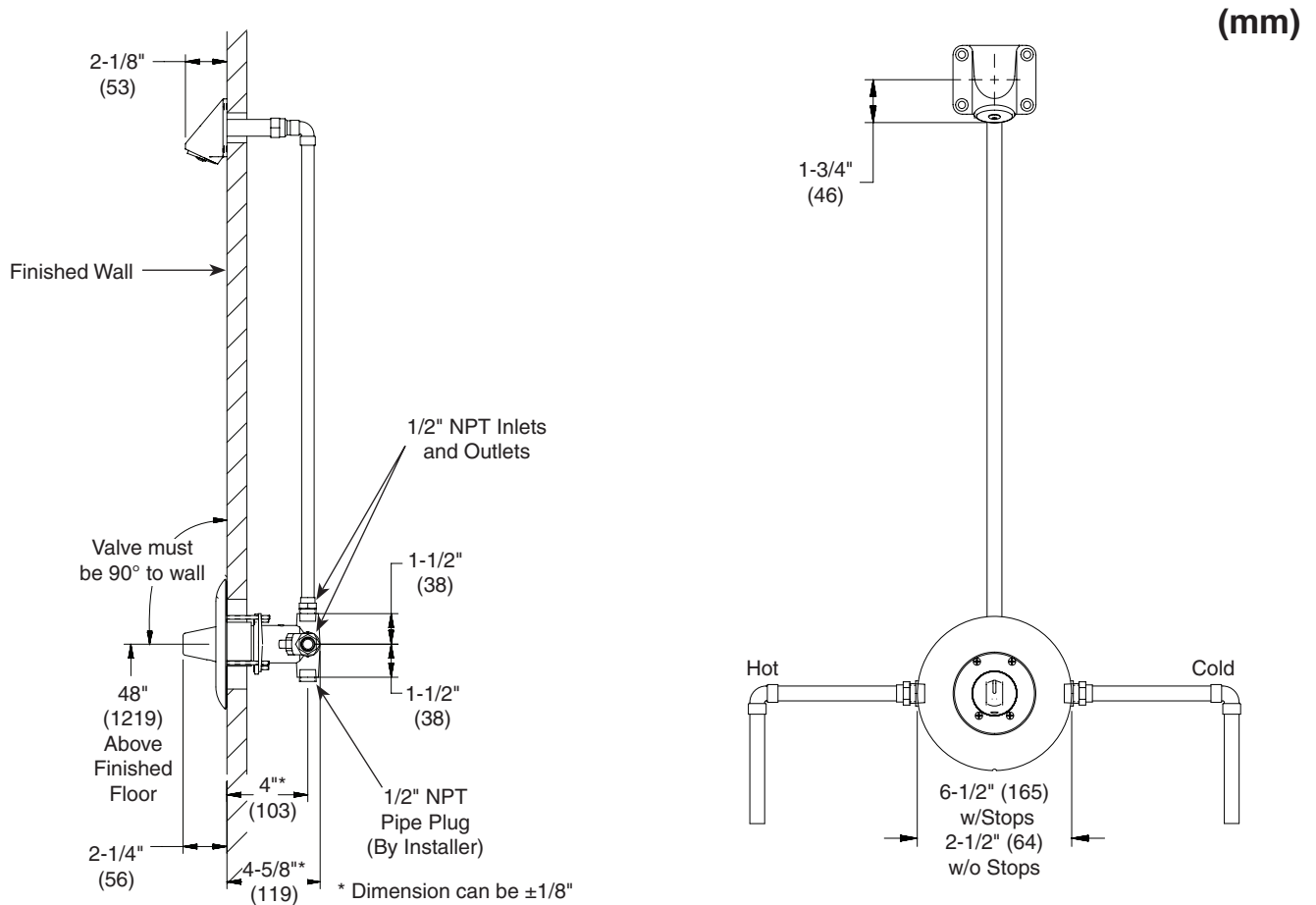
Supplies Required:

- Teflon Tape
- Allen key wrenches
- Screwdriver
- 1/2" NPT Brass pipe plug
- Adjustable wrench
- 100% Silicone Sealant
- Semi-Permanent Threadlocker
- Security sealant (if required)
- Silicone Grease (supplied)

1 Rough-in

WARNING! In order for the shower to be ligature resistant, the valve inlet and outlet rough-ins must be 4" ($\pm 1/8"$).

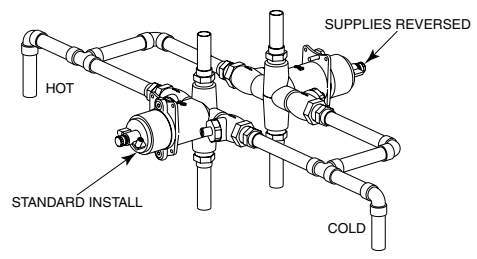
- Rough-in 1/2" NPT hot and cold water supply piping (supplied by installer) as shown below.
- For finished wall, make a 4-1/2" hole in the wall where the shower handle is desired.



"Back-to-Back" Installation



Contact your Bradley Representative and ask for S45-2264 Back-to-Back Rotor Kit to swap out the rotor on the reversed side.

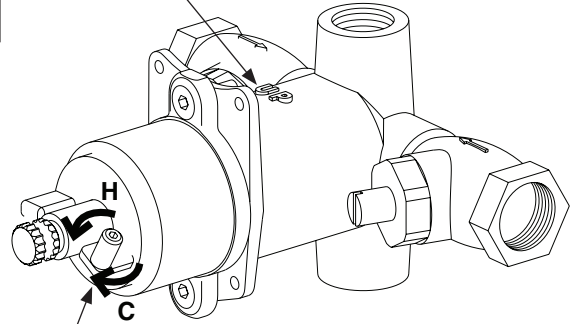


2 Connect Valve and Adjust Valve Temperature

A Position valve with port labeled “UP” towards showerhead. Connect valve to hot and cold supplies and showerhead or tub spout supplies (see rough-in diagram.)

WARNING! The temperature limit stop has been factory preset for maximum temperature operation. Failure to adjust the limit screw to a safe shower temperature could result in the user being scalded.

B Turn on hot and cold supplies to pressurize valve and check for leaks. (Valve will not operate unless both hot and cold supplies are turned on.) Adjust maximum temperature by turning set screw on valve cap.



3 Attach Escutcheon and Handle

A Slide handle over stem. Apply semi-permanent thread locker to set screw and tighten to ensure the screw is fully engaged.

B Apply supplied silicone grease to o-ring to guide escutcheon in place.

C Slide escutcheon on valve and align all 4 holes.

D Apply 100% silicone caulk to all screw backsides prior to escutcheon installation.

E Insert the 4 screws through the escutcheon and into the valve body. Tighten the screws, making sure that the escutcheon is flush with the wall or fixture and all 4 screws are tightened equally.

F Apply security sealant (if required) as described below.



After installation, all joints require security sealant (by installer) to eliminate gaps, if present, between the wall and fixture.

