

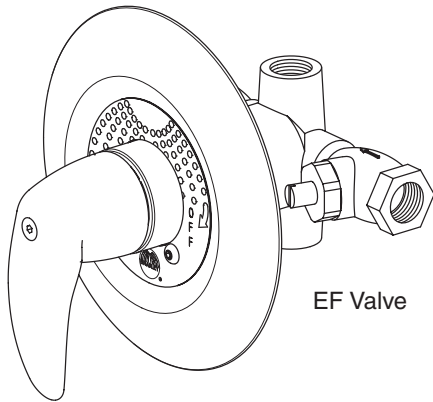
# Installation

## S59-1000 (EF Valve) S59-1001 (C5 Valve)

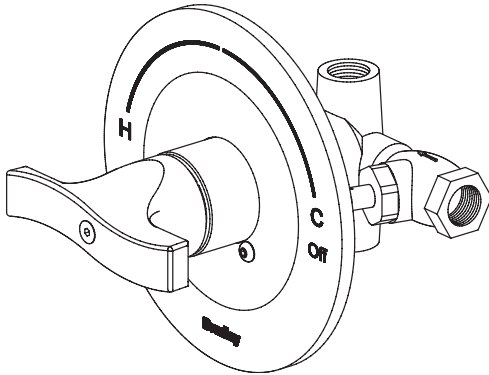
### Bradley Equa-Flo™ Pressure-Balancing Shower Valve

#### Table of Contents

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



EF Valve



C5 Valve



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



**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](http://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](http://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.

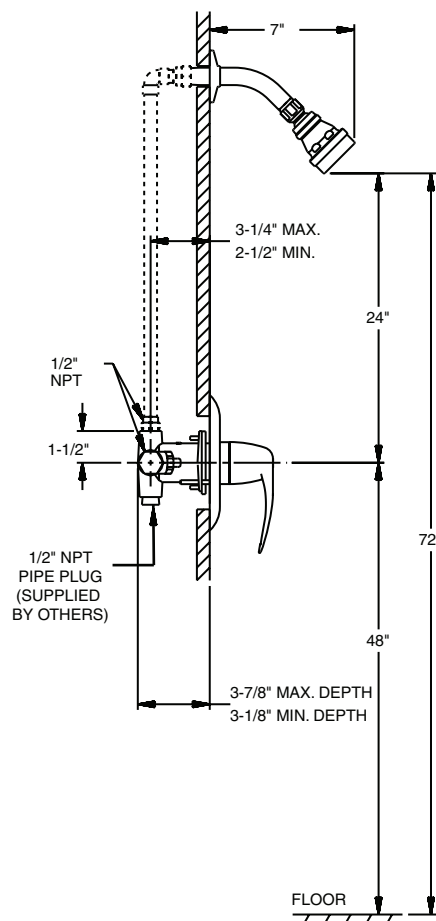
### Supplies Required:

- Teflon Tape
- Allen key wrenches
- Screwdriver
- 1/2" NPT Brass pipe plug
- Adjustable wrench

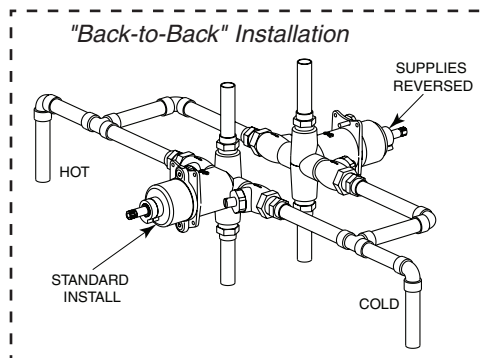
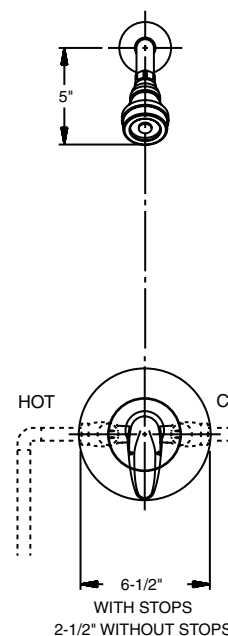
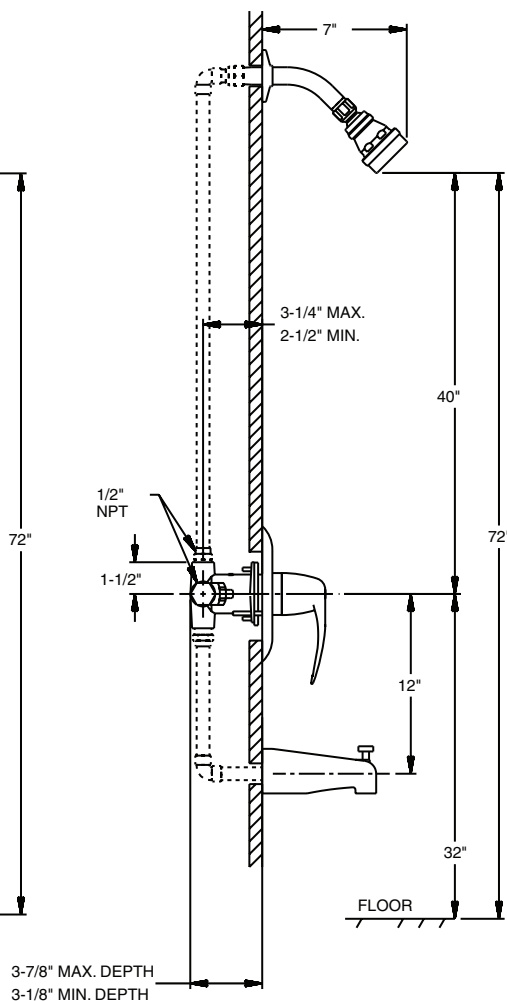
# 1 Rough-In

- 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.
- For unfinished wall, use the rough-in shield as a guide. Keep rough-in shield over valve when finishing wall. The face of the rough-in shield should fit flush with the finished wall. The rough-in shield can either be secured to the valve using the escutcheon screws or press-fit into place.

Shower Only Installation



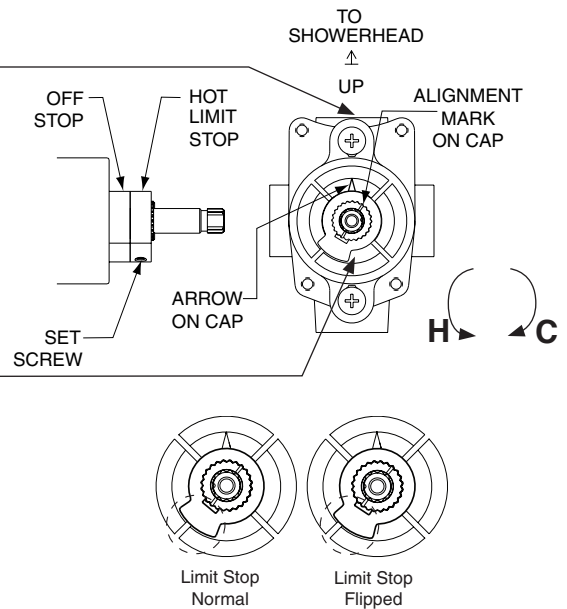
Tub/Shower Installation



## 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.)

**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.) Set limit stop by loosening set screw on limit stop and repositioning to the desired temperature (do not remove the inner off-stop!)



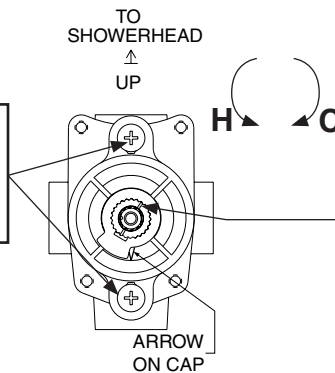
**WARNING!** The temperature limit stop has been factory preset for maximum temperature operation. Failure to adjust the limit stop to a safe shower temperature could result in the user being scalded.



You can fine-tune the hot limit stop position 1/2 spline by flipping it over.

### FOR "BACK-TO-BACK" INSTALLATIONS

**A** Turn off water supplies and remove (2) hold-down screws from the "reversed" valve. Rotate cap and cartridge assembly 180° and re-install screws.

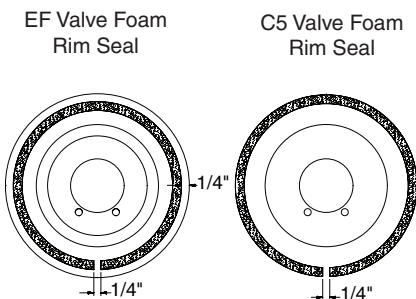


**B** Remove both limit stops and rotate 180°. Align with alignment mark as shown. Adjust hot limit stop the same as for standard installation.

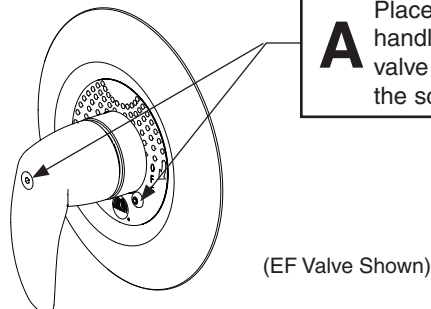
## 3 Attach Escutcheon and Handle



If the Rough-in Shield is used, remove the shield before installing the escutcheon and handle.



**A** Place the escutcheon and handle on the wall over the valve and secure them with the screws provided.



The included foam rim seal may be applied to the back of the escutcheon, with the seam at the bottom.