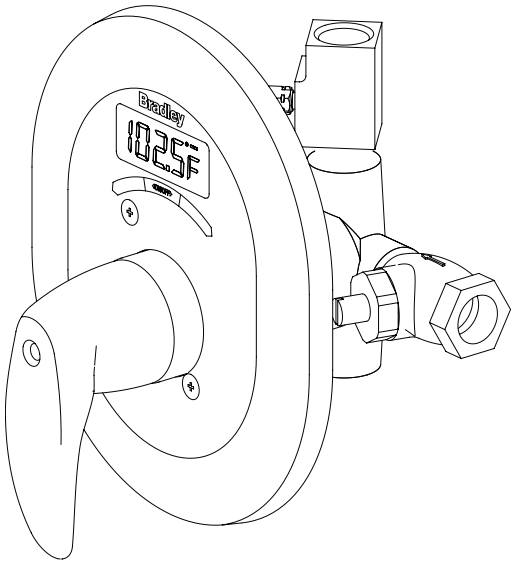

Installation

S59-1000T1

Bradley Equa-Flo™ EFT1 Pressure-Balancing Shower Valve

Table of Contents

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 or call 800.BRADLEY (800.272.3539).

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

215-1736 Rev. C: ECO 19-03-024

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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

LCD Display Information

The Bradley Equa-Flo™ EFT1 S59-1000T1 LCD Shower Valve is designed to operate for up to 2 years on a set of high-quality alkaline batteries*. Bradley strongly recommends using only high-quality, name-brand alkaline batteries for maximum performance.

When operating at normal room temperatures, the LCD display will convey accurate water temperatures between 40°F –120°F (4°C–49°C). For safety and comfort, a number of special features are built into the display:

1. Display will flash "HHH" when water temperature exceeds maximum operating limit of 120°F (49°C). It will display "LLL" when water temperature falls below minimum operating limit of 40°F (4°C).
2. Display will refresh every 2 seconds when the water temperature reaches 70°F (21°C). If the water temperature is below 70°F (21°C), the display will refresh every 10 seconds.
3. The unit can be configured to display °F or °C by a slide switch inside the display's battery compartment (see Step 2).
4. A *"Low Battery"* indicator will turn on when batteries have approximately one month of power remaining.

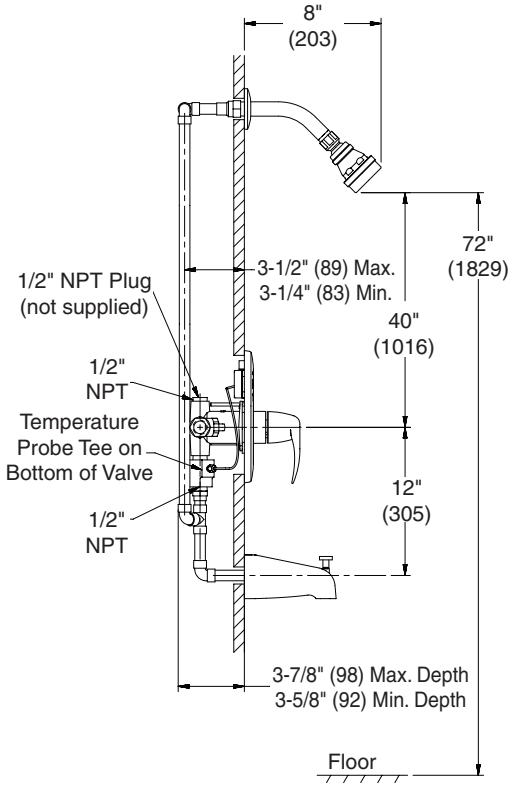
** AAA alkaline batteries, supplied.*

1 Rough-In

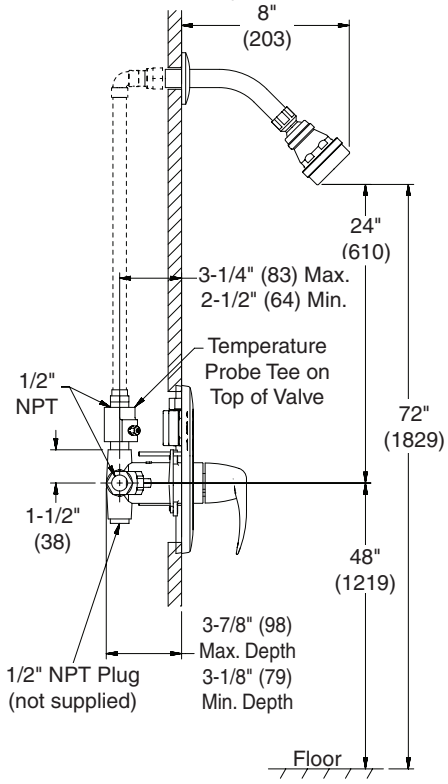
- Rough-in 1/2" NPT hot and cold water supply (supplied by installer).
- For finished wall, rough-in hole using template (215-1735) provided.

(mm)

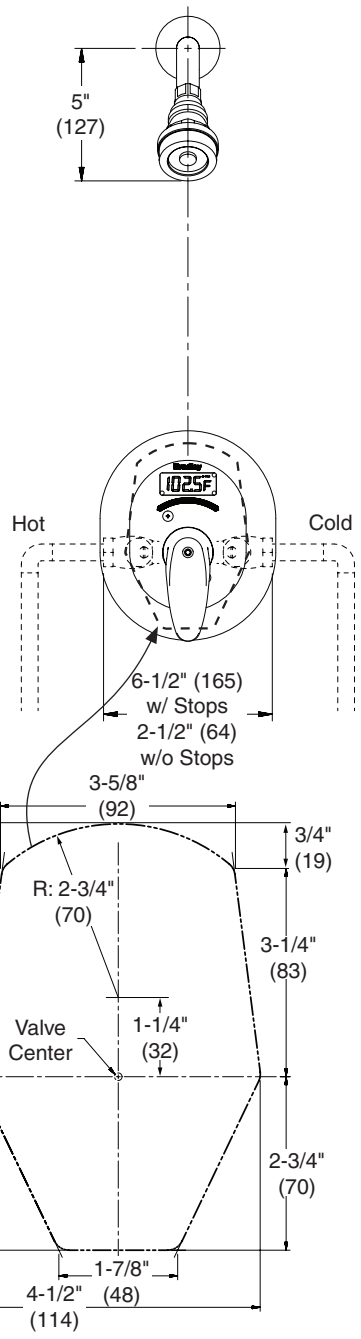
Tub/Shower Installation



Shower Only Installation

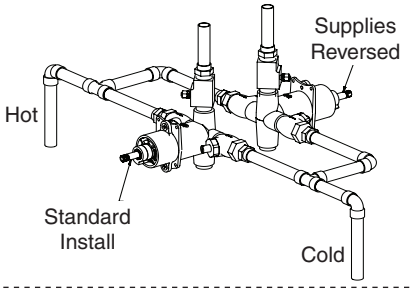


Front View



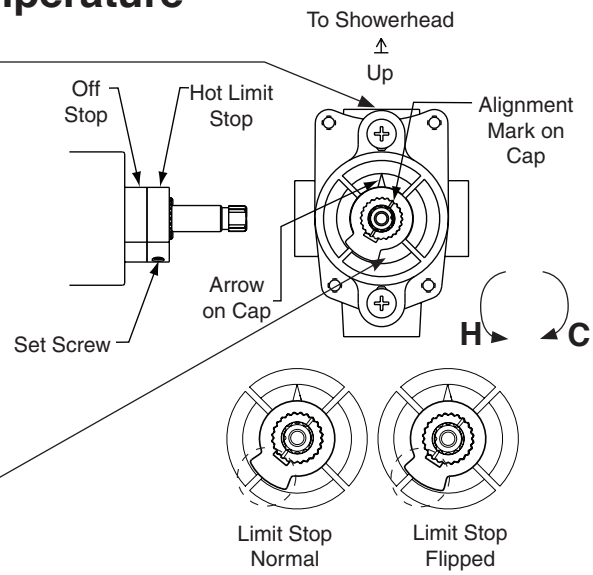
Use rough-in hole template (215-1735) for finished wall (provided).

"Back-to-Back" Installation

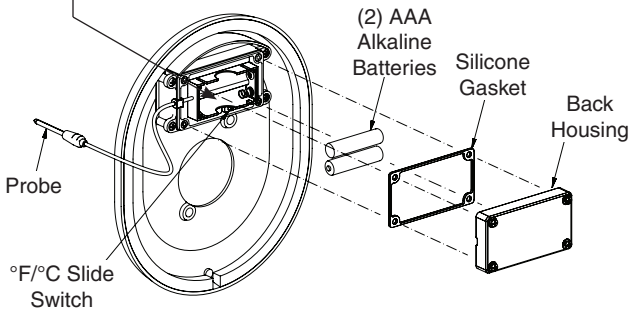


2 Connect Valve and Adjust Valve Temperature

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.)

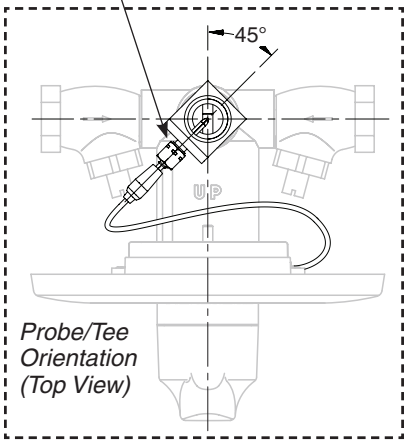


B Set °F/°C selection as desired. Insert (2) AAA batteries (supplied) and attach back housing.



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

C Insert probe to depth shown and tighten nut securely.

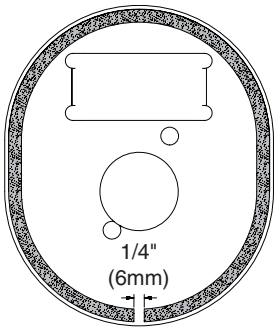


Probe/Tee Orientation (Top View)

D 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!)**

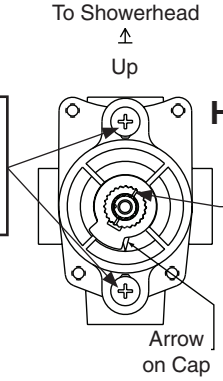
WARNING! The temperature limit stop has been factory preset for maximum temperature operation. Failure to adjust the limit stop to a safe shower temperature could result in the user being scalded.

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



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

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

B Place handle on stem as shown, and tighten screw.