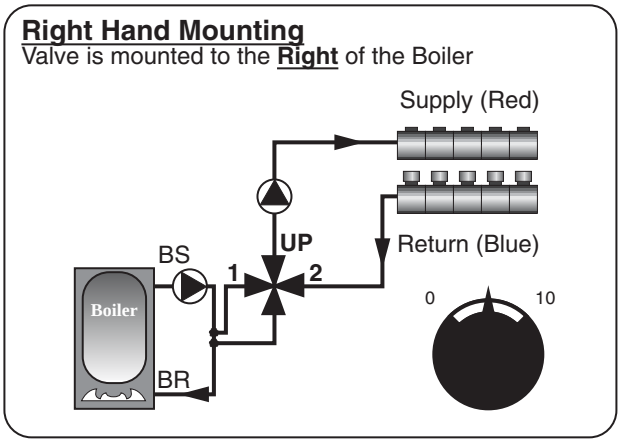
4-Way Mixing Valve Mounting Instructions

- The mixing valve comes ready for right hand mounting.
- The "UP" label (stamped into the valve) is always system supply.
- The boiler always supplies the valve horizontally.
- The main leaving the top of the valve supplies the manifold.
- The main leaving the bottom of the valve is the boiler return (BR).

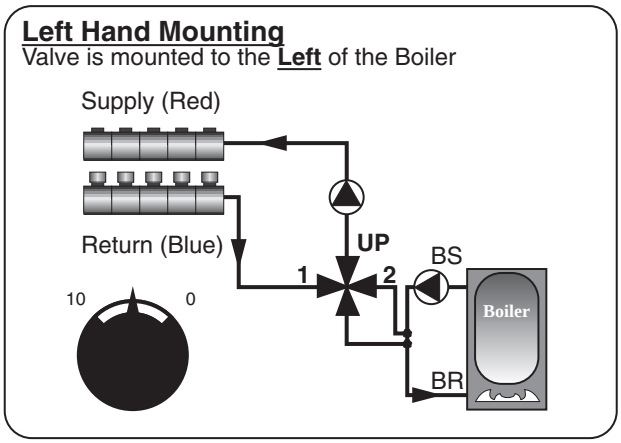
Factory Shipped

- **The "1" label is boiler supply (BS).**
- The valve comes factory supplied for this installation.



Alternative Option

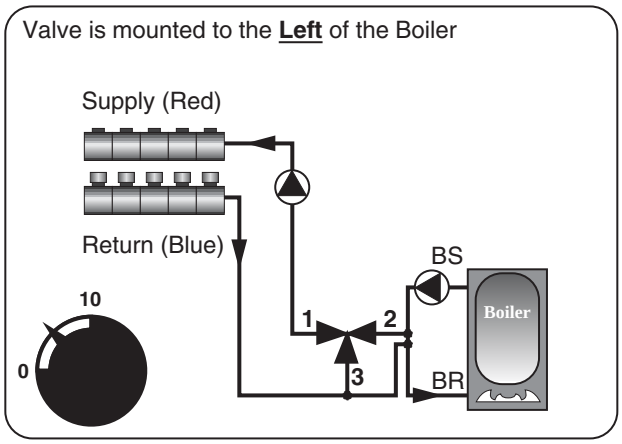
- **The "2" label is boiler supply (BS).**
- This installation requires that the scale is reversed *(see: flipping the plate fastener).*



3-Way Mixing Valve Mounting Instructions

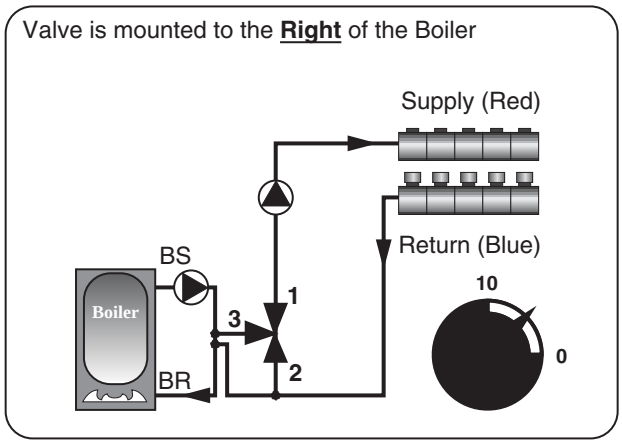
Factory Shipped

- 1-Mix, 2-Hot, 3-Cold.
- The valve comes factory supplied for this installation.



Alternative Option 1

- 1-Mix, 2-Cold, 3-Hot.
- This installation requires that the scale is reversed *(see: flipping the plate fastener).*

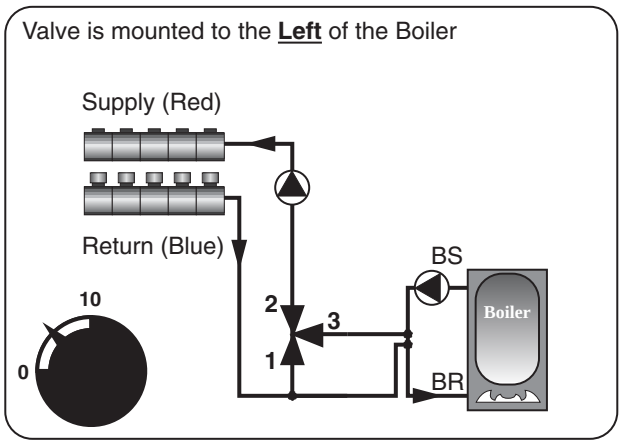


NOTE: Apply minimum 4 to 5 wraps of Teflon, and coat with a teflon based pipe dope to ensure pipe threads seal properly.

3-Way Mixing Valve Mounting Instructions continued

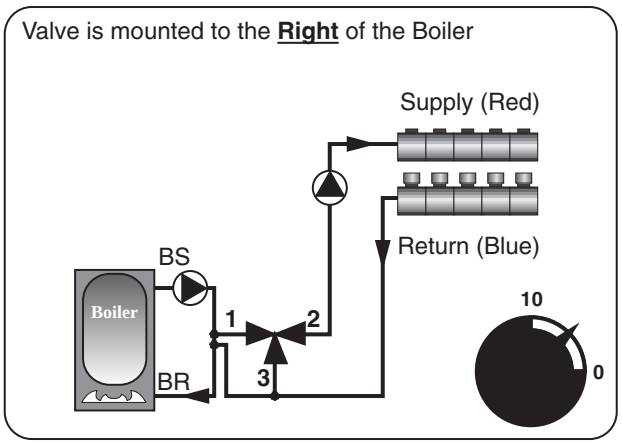
Alternative Option 2

- 1-Cold, 2-Mix, 3-Hot.
- This installation requires that the valve insert be adjusted 90° clockwise *(see: adjusting the valve insert)*



Alternative Option 3

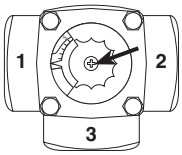
- 1-Hot, 2-Mix, 3-Cold.
- This installation requires that the scale is reversed *(see: flipping the plate fastener).*
- Requires that the valve insert be adjusted 90° clockwise *(see: adjusting the valve insert)*



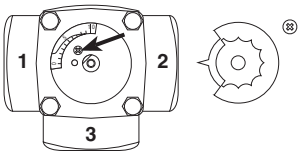
Adjusting the Mixing Valve

Flipping the Plate Fastener

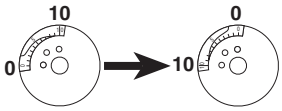
1) Remove the mixing valve handle by unscrewing the center screw.



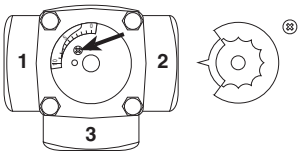
2) Remove the Plate Fastener by unscrewing the plate screw.



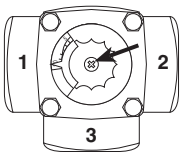
3) Flip the plate over so that 0 becomes 10.



4) Re-attach the plate fastener with the plate screw.

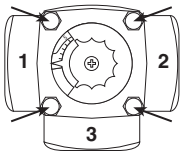


5) Re-attach the mixing valve handle with the center screw.

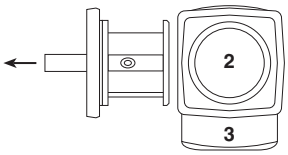


Adjusting the Valve Insert

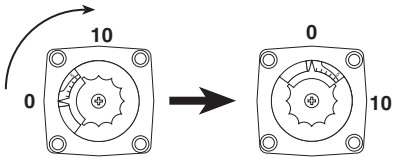
1) Remove the four bolts.



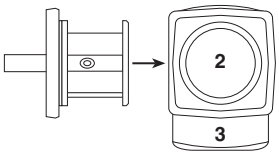
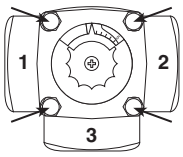
2) Remove the mixing valve insert.



3) Rotate Insert to desired position.



4) Replace the mixing valve insert.



5) Replace the four bolts.