

# Instructions for installation

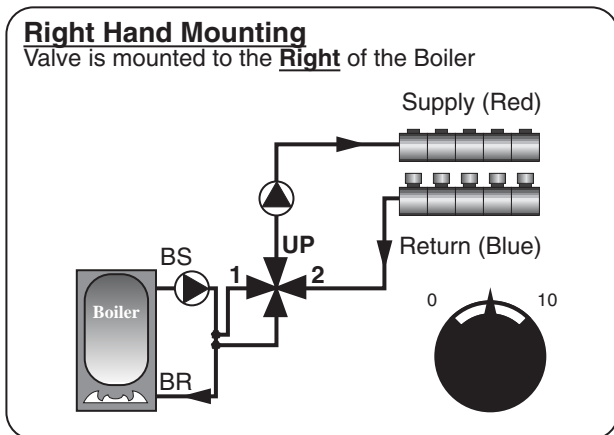
## 1-1/2" & 2" Mixing Valves

### 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).

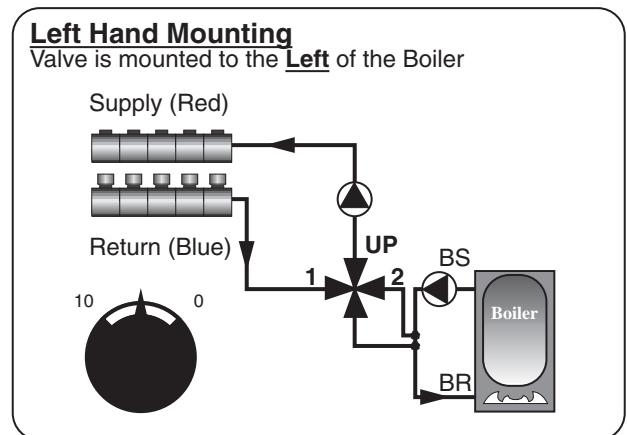
#### Factory Shipped

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



#### Alternative Option

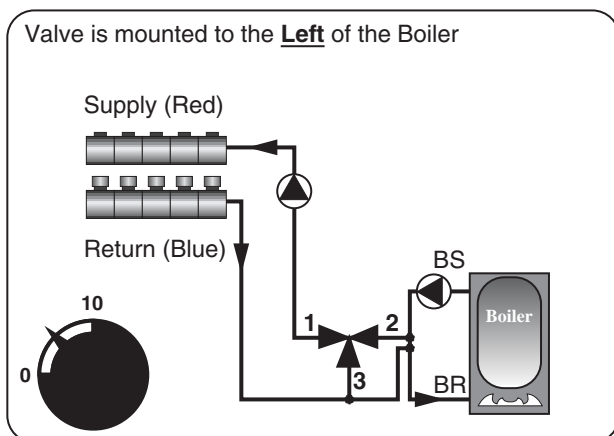
- The "2" label is boiler supply (BS).
- This installation requires that the scale is reversed (see: *flipping the plate fastener*).



### 3-Way Mixing Valve Mounting Instructions

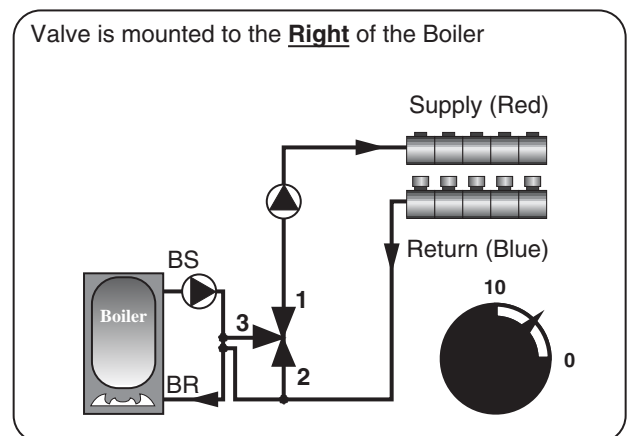
#### Factory Shipped

- 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.

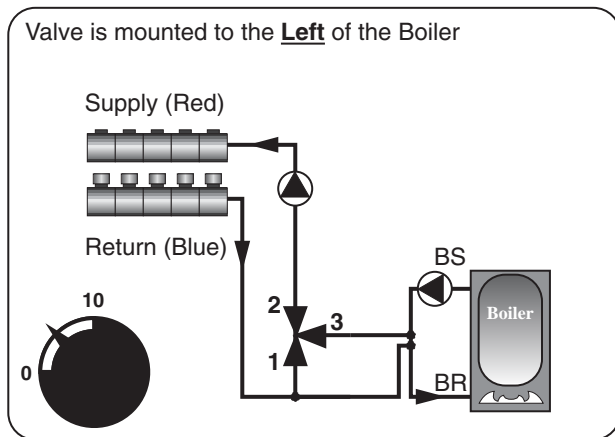
# Instructions for installation

## 1 1/2" & 2" Mixing Valves

### 3-Way Mixing Valve Mounting Instructions continued

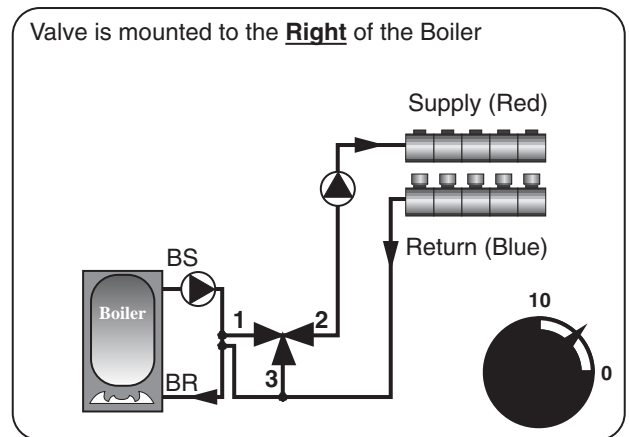
#### Alternative Option 2

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



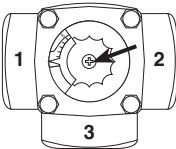
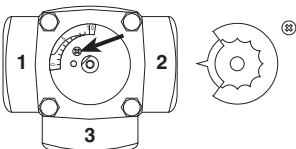
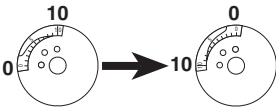
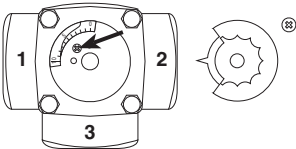
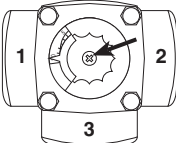
#### Alternative Option 3

- 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*)

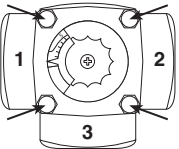
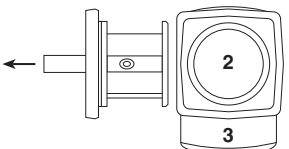
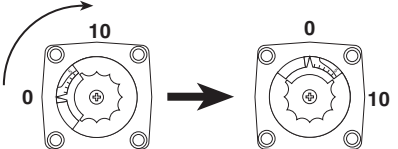
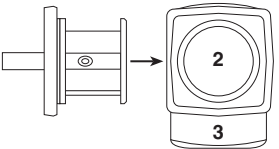


### Adjusting the Mixing Valve

#### 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. 