Instructions for installation
Mixing Valve Motor for 1-1/2" & 2" Valves

Technical

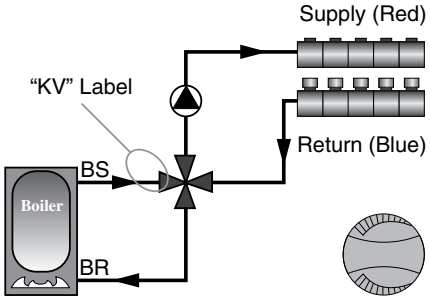
Power supply: 24V~50/60Hz

Motor speed: 150 sec./90°

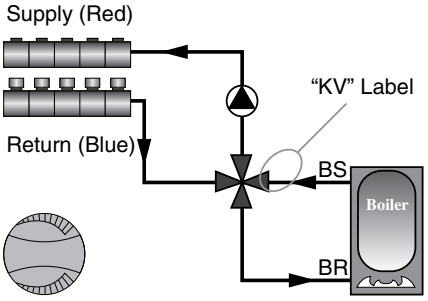
Torque: 10Nm

Mounting

Right Hand Mounting
Valve is mounted to the Right of the Boiler

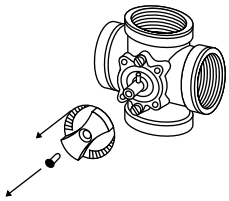


Left Hand Mounting
Valve is mounted to the Left of the Boiler

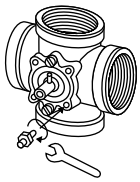


Right Hand Mounting Instructions

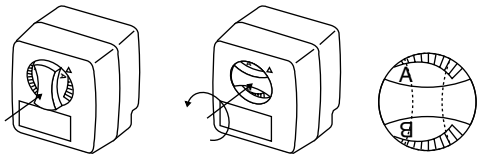
1) Turn mixing valve handle so that the mixing valve is closed. Remove the mixing valve handle and indication gauge.



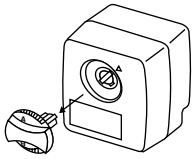
2) Screw in the supplied pin.



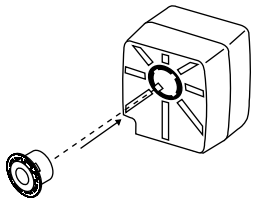
3) Push in and turn the mixing valve motor knob so that the A side is fully open.
(turn same direction as valve was turned)



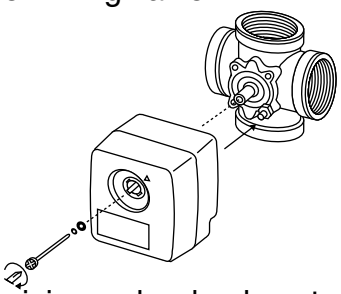
4) Remove the mixing valve motor knob by pulling it out.



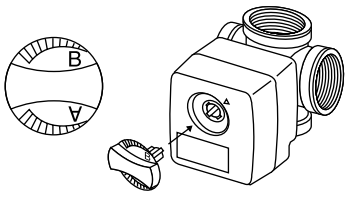
5) Put the supplied plastic coupling attachment (with grooves facing outward) into the back of the mixing valve motor.



6) Place the mixing valve motor onto the mixing valve. Use the supplied mounting screw, locking washer, and washer to attach the mixing valve motor to the mixing valve.



7) Push the mixing valve knob onto the mixing valve motor so that it indicates the B side is closed.

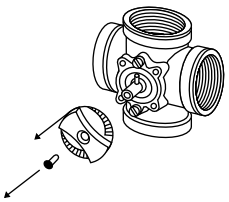


See electrical installation on next page.

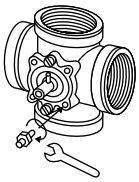
Instructions for installation
Mixing Valve Motor for 1-1/2" & 2" Valves

Left Hand Mounting Instructions

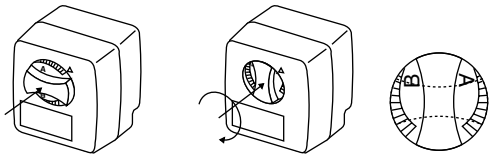
1) Turn mixing valve handle so that the mixing valve is closed. Remove the mixing valve handle and indication gauge.



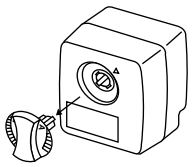
2) Screw in the supplied pin.



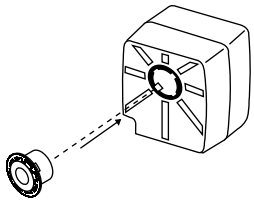
3) Push in and turn the mixing valve motor knob so that the A side is closed.



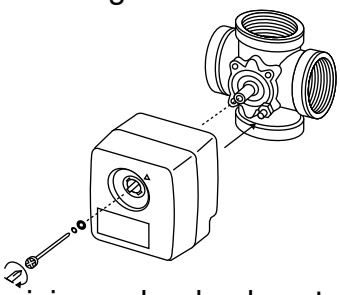
4) Remove the mixing valve motor knob by pulling it out.



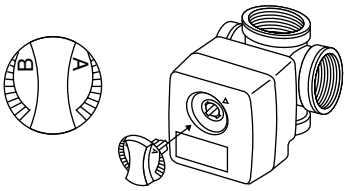
5) Put the supplied plastic coupling attachment (with grooves facing outward) into the back of the mixing valve motor.



6) Place the mixing valve motor onto the mixing valve. Use the supplied mounting screw, locking washer, and washer to attach the mixing valve motor to the mixing valve.



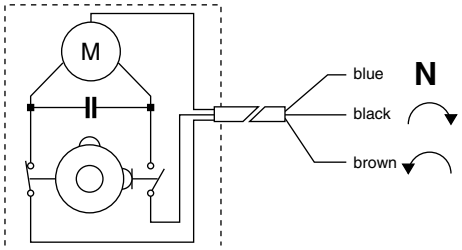
7) Push the mixing valve knob onto the mixing valve motor so that it indicates the A side is closed.



Electrical Installation

1) Connect the blue “N” wire to the common (“C”) terminal on the mixing valve controller.
2) Connect the power (“R”) leads (open and close) from the mixing valve motor to the open and close terminals on the mixing valve controller.

NOTE: • Ensure that power is off before making any electrical connection!
• If motor is opening or closing in the wrong direction during the test cycle, exchange the black and brown connections (power “R” leads).



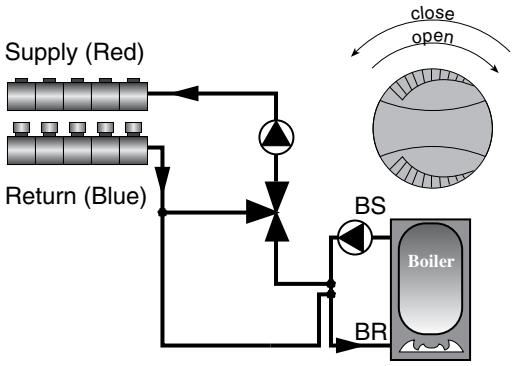
All wiring and installation as per applicable local electrical codes!

Instructions for installation
Mixing Valve Motor for 1-1/2" & 2" Valves

3-way Mounting Left of the Boiler

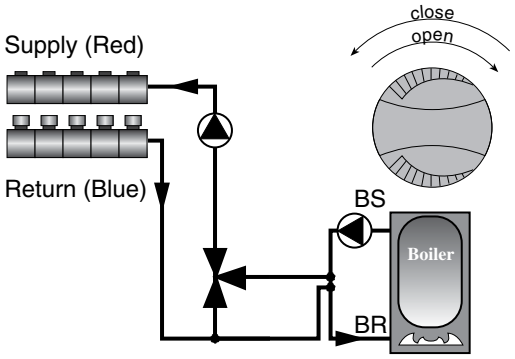
Factory Shipped

Valve is mounted to the **Left** of the Boiler



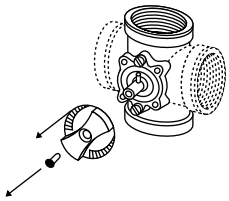
Alternative Option 1

Valve is mounted to the **Left** of the Boiler



Factory Shipped & Alternative Option 1 Mounting

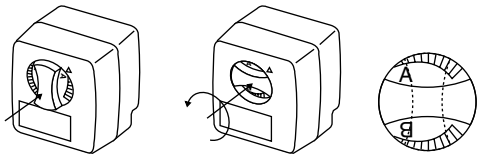
1) Turn mixing valve handle so that the mixing valve is closed. Remove the mixing valve handle and indication gauge.



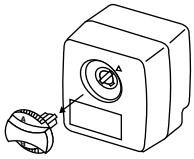
2) Screw in the supplied pin.



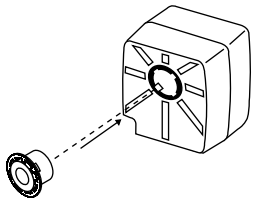
3) Push in and turn the mixing valve motor knob so that the A side is fully open.
(turn same direction as valve was turned)



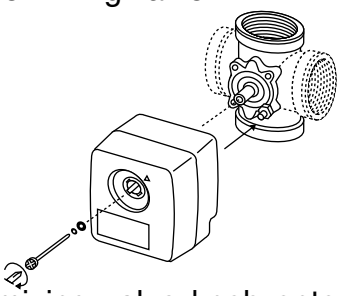
4) Remove the mixing valve motor knob by pulling it out.



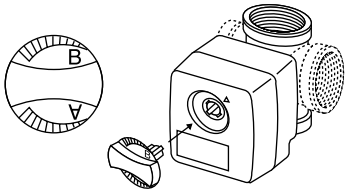
5) Put the supplied plastic coupling attachment (with grooves facing outward) into the back of the mixing valve motor.



6) Place the mixing valve motor onto the mixing valve. Use the supplied mounting screw, locking washer, and washer to attach the mixing valve motor to the mixing valve.



7) Push the mixing valve knob onto the mixing valve motor so that it indicates the B side is closed.

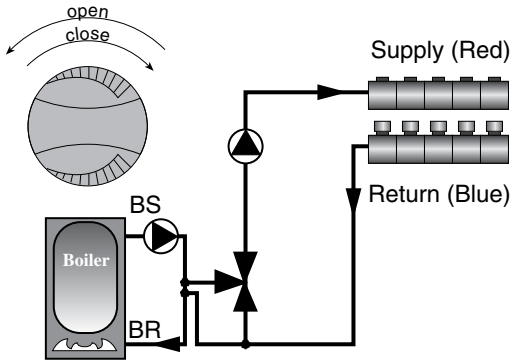


Instructions for installation
Mixing Valve Motor for 1-1/2" & 2" Valves

3-way Mounting Right of the Boiler

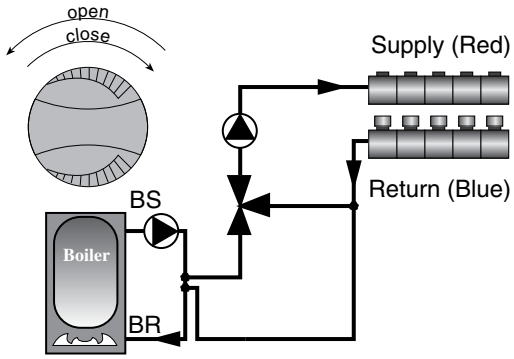
Alternative Option 2

Valve is mounted to the **Right** of the Boiler



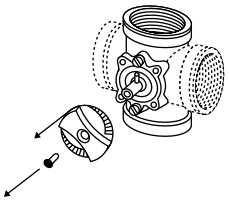
Alternative Option 3

Valve is mounted to the **Right** of the Boiler

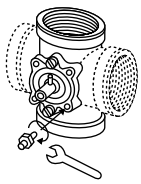


Alternative Options 2 & 3 Mounting

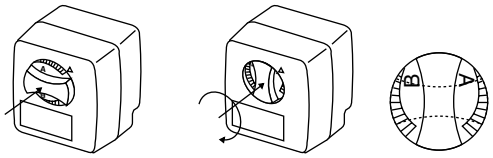
1) Turn mixing valve handle so that the mixing valve is closed. Remove the mixing valve handle and indication gauge.



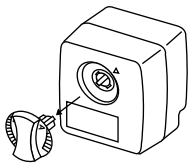
2) Screw in the supplied pin.



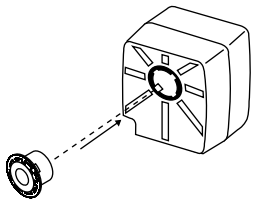
3) Push in and turn the mixing valve motor knob so that the A side is closed.



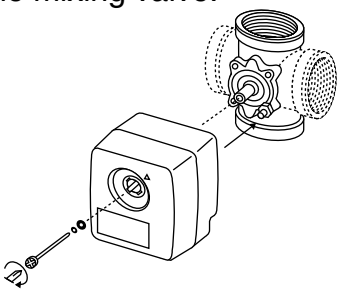
4) Remove the mixing valve motor knob by pulling it out.



5) Put the supplied plastic coupling attachment (with grooves facing outward) into the back of the mixing valve motor.



6) Place the mixing valve motor onto the mixing valve. Use the supplied mounting screw, locking washer, and washer to attach the mixing valve motor to the mixing valve.



7) Push the mixing valve knob onto the mixing valve motor so that it indicates the A side is closed.

