

FITTINGS



INLINE MIXING VALVE



The **In-Line Mixing Valve** is a convenient device that allows blending raw water back into the water treatment system.

The external inline mixing valve is commonly used with water softeners to blend a desired amount of hardness back in the line, carbon filters to blend a small amount of chlorine back in the line, and RO systems to blend minerals back into the treated water for various applications.

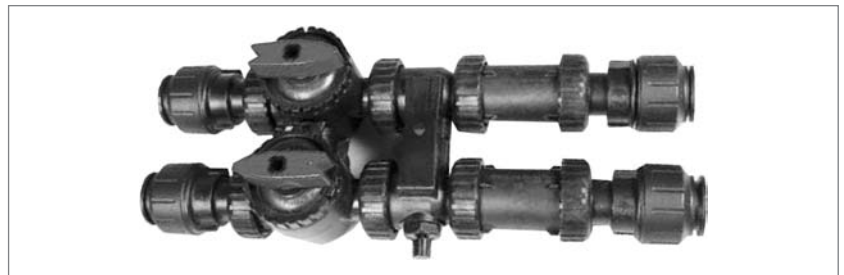
The mixing valve is an accessory designed to fit SWT's 1-inch and 1.25-inch control valves and SWT's In-Line Bypass Valve Assembly.

SPECIFICATIONS:

Part Number: LC-V4099
 Operating Pressure: 20 to 125 psi
 1.4 to 8.6 bar
 Temperature: 40 to 110°F
 4 to 43°C

NOTES:

- Install on cold water supplies only.
- Mixing rates will vary depending on the type of media, depth of media, the use of underbedding, flow rates, and line pressure.
- As a general guideline, the inline mixing valve is not recommended for use on tanks larger than 13 inch diameter.
- Average mixing rates of the influent hardness or chlorine could be:
 - Up to 50% on 6 to 9 inch diameter tanks
 - Up to 40% on 10 inch diameter tanks
 - Up to 30% on 12 inch diameter tanks
 - Up to 20% on 13 inch diameter tanks



COMMON SYSTEM CONFIGURATIONS



Top photo: Use inline on RO systems to blend minerals back into the treated water for various applications.

Bottom photos: Use on SWT Tech water softeners to blend in desired amount of hardness or SWT Tech carbon filters to blend in small amounts of chlorine. Vertical (left) and horizontal (right) configurations are shown.