INFLOOR HEATING SYSTEMS

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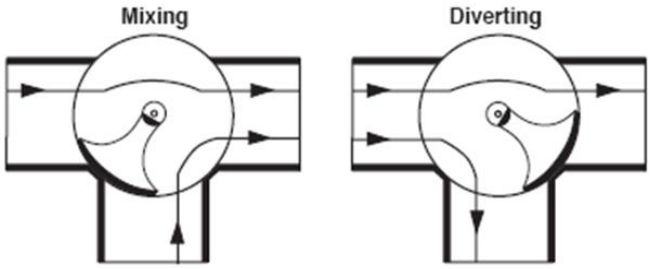
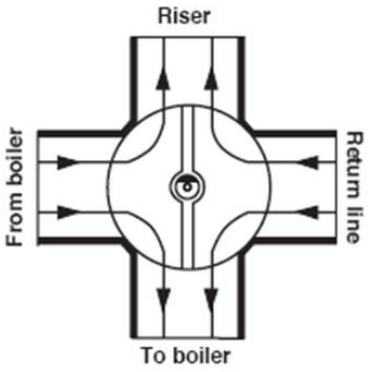
This compact mixing valve made of brass in sizes from ½" to 1 ¼" for use in heating and cooling installations. It is designed to provide good control characteristics and reliability in operation. The valve is also available with sweat connections in sizes ¾", 1" and 1 ¼"

This valve is normally equipped with a knob for manual operation and is also suitable for automatic control.

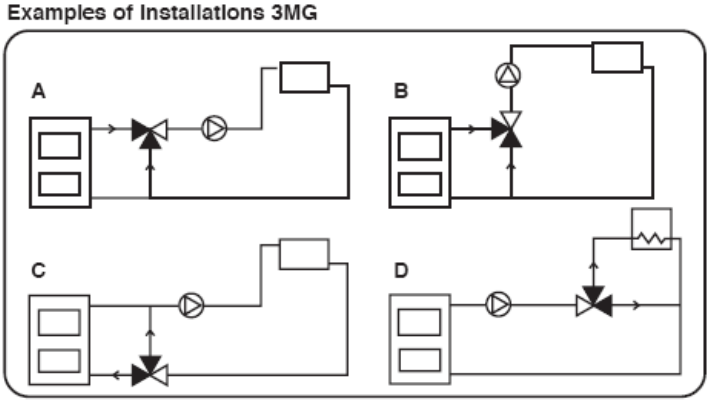




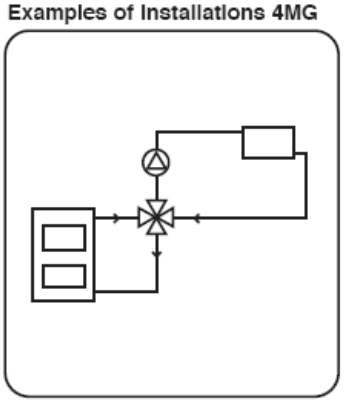
These can be used in mixing or diverting applications. Some typical installations are shown below.

The 4 way version has a double mixing function, i.e. a proportion of the hot water supplied by the boiler is mixed with the return water. This results in a higher return water temperature than can be achieved with a 3-way valve, thereby reducing the risk of corrosion and assuring a longer life for the boiler.

Examples of Installations 3MG



Examples of Installations 4MG



Technical data

Max. system pressure: . . 175 psi (12 bar)
Max. temperature: . . . . . 265°F (130°C)
Min. temperature: . . . . . 50°F (-10°C)
Max. differential
pressure drop: . . . . . 14,5 psi (1 bar)
Torque: . . . . . Max. 15 in/lbs (3 Nm)

Material

Valve body: . . . . . Brass
Stem and slider: . . . . . Brass
O-rings: . . . . . EPDM

All the examples of installations can be reversed. The valve position scale plate is graduated on both sides and shall at the installation be fitted in the correct position as shown in the instruction for installation.