

Thermostatic Mixing Valve for Temperature Control

This thermostatic mixing valve blends hot and cold water to ensure a safe and constant outlet temperature. It automatically reduces hot water flow if the cold water supply fails, preventing scalding.



ADDITIONAL IMAGES



Product Overview

Safety-Critical Thermal Regulation

These thermostatic mixing valves are designed to deliver water at a constant, safe temperature, specifically preventing scalding in vulnerable settings like healthcare facilities, schools, and homes. Engineered with a robust failsafe mechanism, the valve automatically interrupts flow in the event of a cold or hot water supply failure. Built to meet stringent international safety standards, this device offers reliable performance across both residential and high-demand commercial applications.

Technical Specifications

Operational Performance

10 bar

Max Working Pressure

0.2 bar

Min Dynamic Pressure

85 °C

Max Inlet Temperature

4 l/m

Min Flow for Stability

Temperature Control 30 to 50°C

Temperature Accuracy ±2°C

Compliance & Certification

Industry Standards TMV3 Scheme, TMV2 Scheme, BS7942:2000, BS EN 1111:2017, BS EN 1287:2017, NHS D08

Construction Details

Material Specifications

Component	Material	Grade
Body	DZR - chrome plated	CW602N
Springs	Stainless steel	-
Seals	EPDM	-