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TMV3 Thermostatic Mixing Valve



Product Code: TMV3

TMV3 mixing valves are designed to limit the maximum temperature of hot water and prevent the danger of users scalding their hands. TMV3 mixing valves are recommended for use on all hot water supplies in schools as part of good risk management.
The danger of scalding arises because to prevent the growth of the legionella bacteria, hot water must be stored at 60ºC or above. At this temperature, healthy adult skin can be severely scalded and receive third degree burns in only five seconds. It is vital that the safe delivery of hot water to an outlet is controlled.
The most effective way of delivering safe hot water temperatures is by using a thermostatic mixing valve which will take the stored hot water and mix it in the correct proportions with the cold-water supply to deliver a safe temperature at point of use. Thermostatic mixing valves have been designed to maintain a pre-set temperature when supply water pressures or temperatures fluctuate.

Delivery

Typically 1 to 2 working days

Tech Spec

15mm hot and cold water inlets, 15mm mixed water outlet
Factory pre-set to 43 degrees C
Automatic shut off in the event of hot or cold water supply failure
WRAS approved
Check valves, serviceable filters and flat faced connections
We recommend one mixing valve per outlet
Maximum hot water supply 80 degrees C
High pressure bath fill Part G compliant
5 years' manufacturers parts warranty against defects

Water Pressure

Minimum pressure drop 0.1 bar
Maximum dynamic pressure 5 bar
Maximum static pressure 10 bar

Flow Rate

Pressure Drop	0.1	0.2	0.5	1	2
Flow Rate	5	8.5	15	21.5	31

Related products

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