

Thermostatic Mixing Valve

Scope of Use / Specification Sheet

The Thermostatic Mixing Valve (TMV) has been specifically designed for installation in commercial premises where the hot water supply to bathroom facilities must be maintained at a temperature appropriate for bathing. The valve incorporates an anti-scald thermal shut off system, designed to shut the outlet water flow, should the cold water supply be interrupted.



TMXR1501

PRODUCT CODE

Size	Product Code
15mm	TMXR1501
20mm	TMXR2001
Service kit – 5 years	TMXR1513
Service kit – 1 year	MS310

SERVICE KITS

TMXR1513 – 5 year service kit	MS310 – 1 year service kit
<ul style="list-style-type: none"> 2 x BS020 O-Rings 2 x BS013 O-Rings Headwork assembly Internal assembly 2 x Strainers 2 x Face seals RyeMetal knob TMV Grease sachet Instruction sheet 	<ul style="list-style-type: none"> 2 x BS023 O-Rings 2 x Face seals Grease sachet Instruction sheet

APPLICATION

With outlet temperature factory set at 43°C and fully adjustable from 38°C to 50°C, the TMV is ideal for use in applications where a reduction of hot water temperature at specific fixtures is required. The valve is suitable to use with all mains pressure hot water storage units.

FEATURES AND BENEFITS

- Four-in-one inlet fittings
- Easily retrofitted
- Adjustable outlet temperature
- High outlet flow rate
- Anti-scald thermal shut off system
- Direct connection to plumbing system
- Built-in non-return valves on hot and cold inlets
- Removable filters on hot and cold inlets
- Approved to AS 4032.1
- Compliant to the Lead Free requirements of the National Construction Code Volume Three

SS27005_2024_v1

MATERIALS

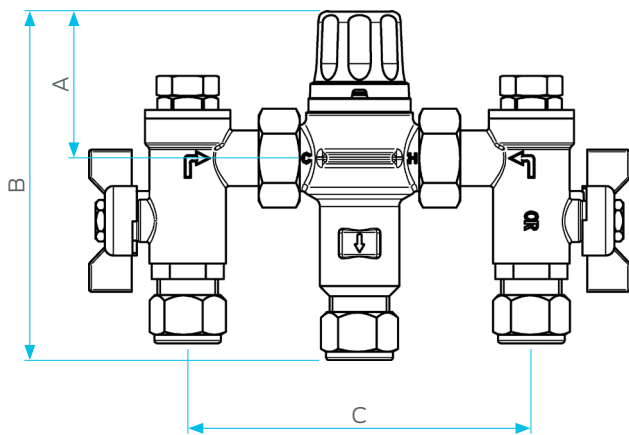
Body	Forged lead free DR brass
Seals	Viton®/EPDM
Strainers	60 mesh, stainless steel
Inlet assembly	DR lead free brass
Olives	Copper
Adjustment knob	ABS plastic gloss

Thermostatic Mixing Valve

DIMENSIONS

Size	A	B	C
15mm	52	123	122
20mm	52	123	121

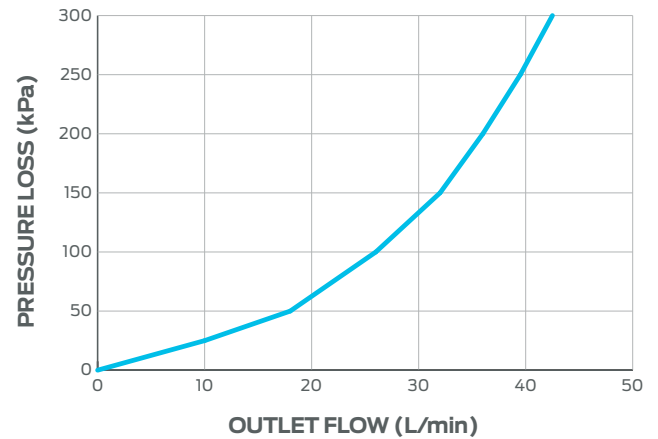
Note: All measurements in mm unless otherwise stated.



TECHNICAL SPECIFICATIONS

Hot supply temperature	55–90°C
Cold supply temperature	5–30°C
Static supply pressure (maximum)	1600kPa
Dynamic supply pressure (maximum)	500kPa
Permitted supply pressure variation (maximum)	10:1
Temperature control	± 2°C
Outlet temperature range	38–50°C
Factory set outlet temperature	43°C ± 2°C
Hot to mixed temperature differential (minimum)	10°C
Flow rate (minimum)	4L/min
Connections	15mm (G1/2") or 20mm (G3/4") Compression

FLOW CHARACTERISTICS



STANDARDS AND APPROVALS



AS 4032.1
WMKA1593

INSTALLATION

Installation is subject to the requirements of the applicable regulatory authority, the National Construction Code Volume Three – Plumbing Code of Australia, associated reference standards as applicable at the time and AS/NZS 3500. This product is compliant to the Lead Free requirements of the National Construction Code Volume Three. For further Scope of Use, please visit www.rmc.com.au/resources.

WARRANTY

Reliance Worldwide Corporation (Aust.) Pty. Ltd. (RWC) will either replace or repair any defective goods where the defect arose as a result of manufacture within the warranty period. You may contact RWC at the phone number, address or e-mail shown below for further information or to make a claim.

Visit www.rmc.com.au/warranty to view the warranty statement in full and for further important information.