



PRODUCT RANGE

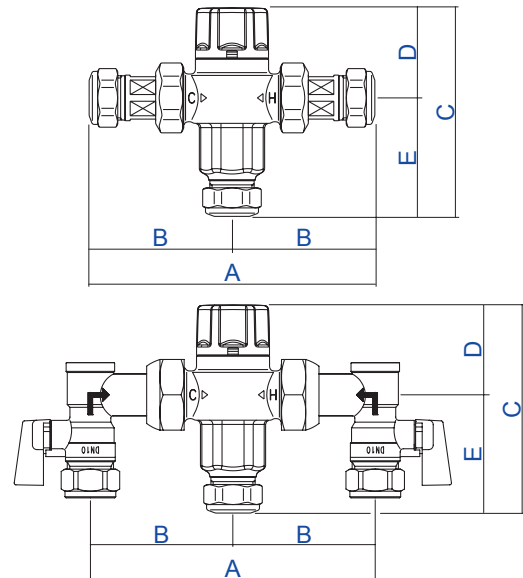
Ref No.	Size	Connections
CORETMV015	15 mm	Compression
CORETMV022	22 mm	Compression
CORETMV015MX	15 mm	Compression
CORETMV022MX	22 mm	Compression

APPLICATION

Thermostatic mixing valves are used to maintain the domestic hot water supplied to the user at a constant and safe temperature, when variations in the hot and cold water supply conditions and draw off flow rates occur.

The fail safe design shuts off the mixed water flow automatically in the event of disruption in the hot or cold water supply to the valve.

DIMENSIONS



Prod Code	A	B	C	D	E	kg
CORETMV015	141	67.5	99	43	56	0.57
CORETMV022	150	75	100	43	57	0.79
CORETMV015MX	120	60	99	43	56	0.77
CORETMV022MX	136	68	100	43	57	1.00

TMV3 VALVES

The CORE 5213 range of fail safe thermostatic mixing valves have been designed for use in healthcare premises, hospitals, care homes, and schools.

TMV type 3 certified products comply with the requirements of the NHS/DoH HTM-0401*.

The valve meets the requirements of BS 7942:2000 and the TMV3 type scheme.

The elderly, young children and the disabled are at particular risk of life threatening scalds due to a potential lack of mobility, skin sensitivity or the ability to communicate with their carer.

The valve has been independently tested and approved by Kiwa Watertec as a TYPE 3 valve under the Kiwa Watertec TMV3 Type 3 scheme.

TMV2 VALVES

CORE 5213 TMV2 thermostatic mixing valves are suitable for use in domestic housing and commercial building for single user outlets including wash basins, showers, baths and bidets but are also suitable for multiple outlet use.

The valve meet the requirements of BS EN 1111: 2017 and BS EN 1287: 2017 and the TMV2 Type Scheme.

The valves have been independently tested and approved by Kiwa Watertec as a TYPE 2 valve under the Kiwa Watertec TMV Type 2 scheme.

TMV Type 2 certified products comply with Building Regulations G3.

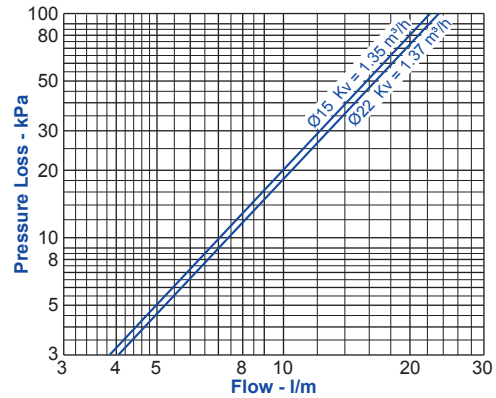
CONSTRUCTION DETAILS

Component	Material	Grade
TMV Body	DZR chrome plated	BS EN 12165 CW602N
Spring	Stainless steel	
Seals	EPDM	
Fitting Body	DZR chrome plated	BS EN 12164 CW602N
Strainers	Stainless steel	
Check Cartridge	POM	

TECHNICAL SPECIFICATION

Max. working pressure:	10 bar - Static
Min. working pressure:	0.2 bar - Dynamic
Max. inlet temperature:	85°C
Inlet temperature range - hot supply:	52 - 65°C
- cold supply:	0.5 - 20°C
D08 working pressure - low pressure:	0.2 - 1.0 bar
- high pressure:	1.0 - 5.0 bar
Max. inlet pressure ratio (H/C or C/H):	5:1
Accuracy:	±2°C
Setting range:	30 to 50°C
Min. temperature difference between hot water inlet and mixed water outlet:	10°C

Kv VALUE & FLOWRATE



*NHS/DoH HTM 04-01

“ Health Technical Memorandum 04-01: Supplement
Performance specification D 08: thermostatic mixing valves
(healthcare premises)”



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