

5213 & 5219

OEM thermostatic
mixing valve



altecnic
CALEFFI group

5213 & 5219 OEM thermostatic mixing valve



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 Altecnic 5219 thermostatic mixing valves are designed primarily for single outlet use.

It delivers mixed hot water at a set temperature to taps, showers, baths and bidets making it ideal for use in domestic and commercial hot water systems.

Operating Principle

The controlling element of the mixing valve is a temperature sensor fully immersed in the mixed water outlet port, which expands or contracts, continually maintaining the correct proportion of hot and cold water entering the valve.

Design

The Altecnic fail safe thermostatic mixing valves provides a high volume of hot water at a stable temperature.

The valve has clean lines and is easy to clean, helping to improve and maintain hygiene standards.

The robust construction makes it suitable for exposed installation in public wash rooms and other commercial applications.

The valve is easy to install and requires minimum maintenance.

BS EN 1287

The valves have been independently tested by WRc and certified as meeting the requirements of BS EN 1287:1999 for low pressure applications.

Construction Details

Component	Material	Grade
Body	Brass - chrome plated	BS EN 12165 CW617N
Internal components	Brass	BS EN 12164 CW614N
Seals	EPDM	
Setting Knob	Nylon	
Compression screw	Brass - chrome plated	BS EN 12164 CW614N
Olive	Brass	

Ref No.	Size	Connection	Type
521331 CST	G 1/2" / 15 mm	f x f x f / copper	pre-set at 61°C
521332 CST	G 1/2" / 15 mm	f x f x f / copper	pre-set at 51°C
521931 CST	G 1/2" / 15 mm	f x f x f / copper	adjustable 35 to 65°C

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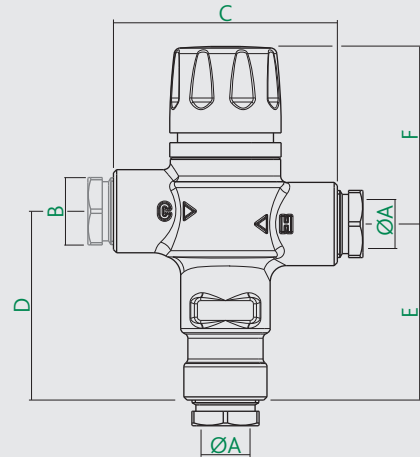
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E & O.E

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Dimensions

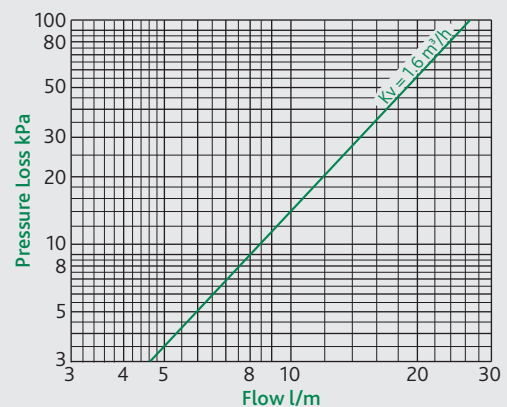


Prod Code	A	B	C	D	E	F	kg
521331 CST	Ø15	G 1/2	73	60.5	56.5	53	0.344
521332 CST	Ø15	G 1/2	73	60.5	56.5	53	0.344
521931 CST	Ø15	G 1/2	73	60.5	56.5	55-59	0.440

Technical Data

Complies with;	BS EN 1287:1999
Max. working pressure:	10 bar - Static
Max. inlet temperature:	85°C
Max. inlet pressure ratio (H/C or C/H):	2:1
Accuracy:	±2°C
Setting Range:	35 to 65°C
Min. temperature difference between inlet hot water and outlet mixed water:	15°C
Min. flow rate for stable temperature:	5 l/m
Compression ends:	BS EN 1254-2
Threaded ends:	BS EN ISO 228/1

Kv Value & Flowrate



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