

twin pack thermostatic radiator valves

SD 021 15-12-2025

Application

Thermostatic valves are typically used to regulating the flow to radiators in central heating systems.

A thermal regulating element automatically controls the opening of the valve to keep the ambient temperature of the room constant at the set value.

This prevents temperature fluctuations in the room and achieves considerable energy savings.

The thermostatic controller has a '0' setting which prevents flow but then positive isolation is required the manual cap must be used.

The frost setting prevents the radiator and pipework from freezing and causing damage to floor coverings and structural items from flooding (the heating system must be operating for this protection).

The Ecocal™ thermostatic head meets the latest European standards including TELL 'I' rating.

The lockshield valve as a serviceable packing gland.

The lockshield cap has been designed to match the Ecocal™ TRV.

The inlet connection to all valves is compression, for use with 10mm annealed, soft R220 or 15mm half hard R250 copper tube and the outlet connection is a compression joint tailpipe with ½" external taper pipe thread to BS EN 10266.

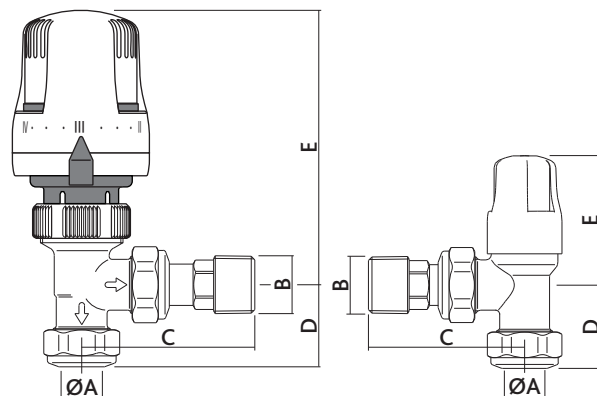
Construction Details

Component	Material	Grade
Body	Brass chrome plated	BS EN 12165 CW617N
Union nut	Brass chrome plated	BS EN 12164 CW617N
Tailpiece	Brass chrome plated	BS EN 12164 CW614N
Stem	Stainless steel	
'O' ring seals	EPDM	
TRV insert assembly	Brass with EPDM disc facing	
TRV controller cover	Thermoplastic	ABS - RAL 9010 ABS - chrome finish
Lockshield insert	Brass	BS EN 12164 CW614N
Lockshield cap	Thermoplastic	ABS - RAL 9010 ABS - chrome finish

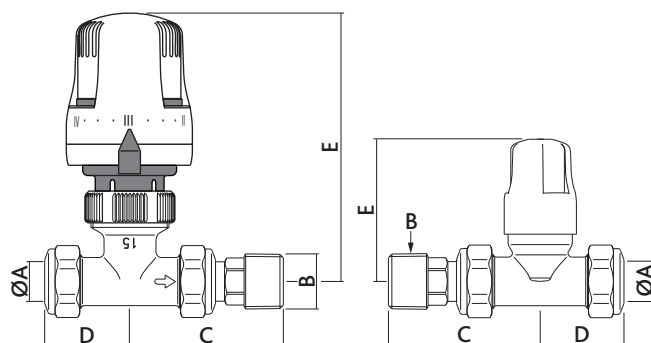
Product Range

Ref No	Size	Body Style	Head Finish
200440 LTC	10mm x ½"	Angled	White
200445 LTC	15mm x ½"	Angled	White
CA-200456	10mm x ½"	Angled	Chrome
200455 LTC	15mm x ½"	Angled	Chrome
CA-200478	10mm x ½"	Straight	White
200475 LTC	15mm x ½"	Straight	White
CA-200477	10mm x ½"	Straight	Chrome
200485 LTC	15mm x ½"	Straight	Chrome

Dimensions



Size	ØA	B	C	D	E	kg
TRV	10	R½	55 to 63	29.5	100	
TRV	15	R½	56 to 63	30	100	
Lockshield	10	R½	54 to 62	26.5	48	
Lockshield	15	R½	54 to 62	27	48	



Size	ØA	B	C	D	E	kg
TRV	10	R½	57 to 64	33	103	
TRV	15	R½	57 to 64	33	103	
Lockshield	10	R½	54 to 62	33	48	
Lockshield	15	R½	54 to 62	33	48	

Technical Data

Medium:	water, glycol solution
Max. percentage of glycol:	30%
Max. working pressure (static):	10 bar
Working temperature range:	5 to 100°C

Thermostatic controller

Max. differential pressure:	1 bar
Scale of adjustment:	* to V
Temperature setting range:	0°C to 28°C
Frost setting:	7°C

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Altecnic Ltd Francesco House, Staples Close, Stafford ST16 1WQ T: +44 (0)1785 218200 E: sales@altecnic.co.uk altecnic.co.uk

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