



Ecocal™

altecnic

CALEFFI group

thermostatic radiator valve

SD 020 23-06-2020

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

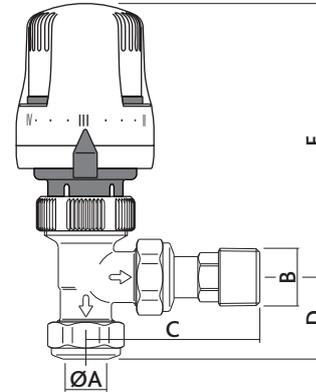
Construction Details

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

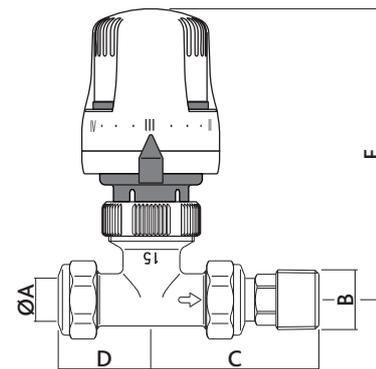
Product Range

Ref No	Size	Body Style	Head Finish
CA-200428MS	8mm x 1/2"	Angled	White
200420 LTC	10mm x 1/2"	Angled	White
200425 LTC	15mm x 1/2"	Angled	White
CA-200455	15mm x 1/2"	Angled	Chrome
CA-201010	10mm x 1/2"	Straight	White
200-465 LTC	15mm x 1/2"	Straight	White
CA-201013	10mm x 1/2"	Straight	Chrome
CA-201011	15mm x 1/2"	Straight	Chrome

Dimensions



Size	ØA	B	C	D	E	kg
DN10	10	R1/2	55 to 63	29.5	100	
DN15	15	R1/2	56 to 63	30	100	



Size	ØA	B	C	D	E	kg
DN10	10	R1/2	57 to 64	33	103	
DN15	15	R1/2	57 to 64	33	103	

Technical Data

Valve body

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
Max. ambient temperature:	50°C

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