TRV-2351 & TRV-2353

White, Black, Grey and Chrome Angle Radiator Valve and Straight Radiator Valve Datasheet

Collaboration and Innovation

Description

The CAI radiator valve collection is built for reliability and durability, making it suitable for both domestic and building services applications. These valves have an attractive design that meets the aesthetic demands of contemporary commercial properties and home interiors. They come with chrome-plated bodies, white thermostatic controls, and lockshield covers that blend well with most interior designs.

For those seeking a more modern look, valves with chrome-finished thermostatic controlsand lockshield covers are also available. The valve body's inlet connection can beeither compression or push-fit, compatible with copper tubing. Each valve includes amanual cap for stem protection and manual isolation, The thermostatic radiator valves are approved to EN 215. For valves with compression connections, the connections are approved to BS EN1254-2; threaded connections comply with ISO228.

Thermostatic Radiator Valves (TRVs) are commonly used to regulate the flow to radiators in central heating systems and can also be employed with remote sensors to control the flow to heated ceilings and fan coils. The thermostatic control contains a liquid-filled element that automatically adjusts the valve opening to maintain the room's ambient temperature at the desired level. This results in stable room temperatures and significant energy savings.

The thermostatic control features a '0' setting that stops flow, but a manual cap is required for complete isolation. Additionally, the frost setting helps protect radiators and pipes from freezing, preventing flood damage to flooring and structural elements.

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Code	Description
TRV-2351W	Angle Radiator Valve (White)


Code	Description
TRV-2353W	Straight Radiator Valve (White)


Code	Description
TRV-2351B	Angle Radiator Valve (Black)


Code	Description
TRV-2353B	Angle Radiator Valve (Black)


Code	Description
TRV-2351G	Angle Radiator Valve (Grey)


Code	Description
TRV-2353G	Angle Radiator Valve (Grey)


Code	Description
TRV-2351S	Angle Radiator Valve (Chrome)


Code	Description
TRV-2353S	Angle Radiator Valve (Chrome)

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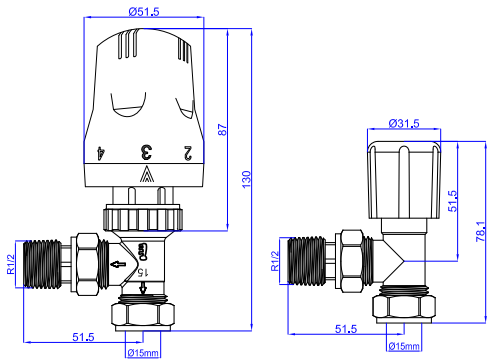
Dimensions and Technical Data

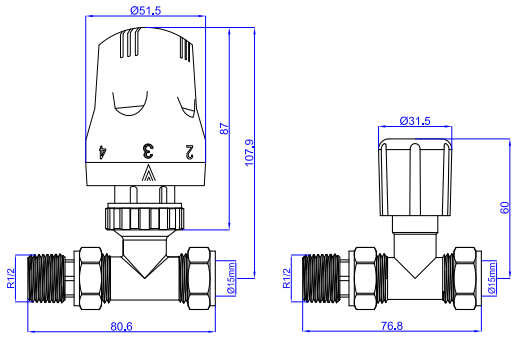


TRV-2351W

Operating Conditions	Maximum
System Water Temperature (at 5bar)	120°C
Operating pressure (at 65°C)	10 bar

Valves

Component	Material
Body	TRV-Forged Brass Chrome Plated
Head	TRV- Brass Bar
Gland	TRV- Brass Bar
Flow Spindle	TRV- Stainless Steel
Capnut	TRV - Forged Brass Chrome Plated
Cone	TRV- Brass Bar
Adaptor	TRV- Brass Bar Chrome Plated
Thermal Head Cover/ Body	TRV- ABS



TRV-2353W

Thermal Head Element	
Body	LS- Forged Brass Chrome Plated
Head	LS - Brass Bar
Spindle / Valve	LS- Brass Bar
Glandnut/ Gland	LS- Brass Bar
Adaptor	LS - Forged Brass Chrome Plated
Capnut	LS- Forged Brass Chrome Plated
Cone	LS - Brass
Set Screw	LS- Brass
Lockshield	LS- ABS

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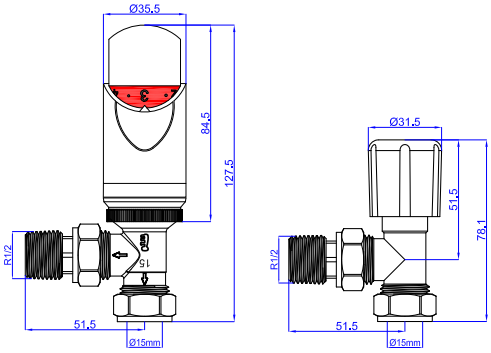
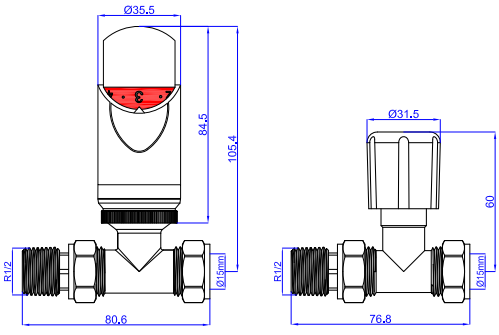
Dimensions and Technical Data



TRV-2351B & TRV-2351C & TRV-2351G

Technical Data	
Valves • Non-stick internals • Presetting function to balance heating system from TRV	
Maximum test pressure	20 bar
Maximum flow temperature	110°C
Maximum static pressure	Valves with BSP threads: 10 bar Valve bodies with compression fittings:10 bar at 65°C, 6 bar at 110°C
Maximum differential pressure	1 bar (To ensure valve closure)
Maximum recommended differential pressure	0.2 bar (To ensure low noise operation)



TRV-2353B & TRV-2353C & TRV-2353G

Thermal Head Element	
Maximum Sensor Temperature	50°C
Setting numbers	1 to 5 then "MAX"
* Frost protection	Below 8°C
Temperature setting range	Integral sensor 10°C to 30°C Remote sensor 10°C to 30°C
Sensitivity	0.2mm/°C
Hysteresis	0.4 K
Water temperature influence	0.8 K
Differential pressure influence	0.15 K
Response time	20 minutes