

# Amberley Thermostatic Radiator Valves (Angled TRV - No Frost Protection)

TRV



## Available Finishes

|                |               |
|----------------|---------------|
| Chrome         | Antique Brass |
| Polished Brass | Satin Nickel  |
| Black Nickel   | Nickel        |
| Pewter         |               |
|                |               |
|                |               |
|                |               |
|                |               |
|                |               |

## Connection size

|                    |                   |
|--------------------|-------------------|
| Valve to Radiators | 1/2" BSPT         |
| Valve to Pipe      | 15 mm Compression |

## Allen Key size

|                             |      |
|-----------------------------|------|
| To adjust Lock-Shield       | N/A  |
| To fit Coupler to Radiator  | SW12 |
| Allen Keys are not included |      |

## Pressure Ratings

|                                                                                                                                                                                                                                          |                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Max Test Pressure                                                                                                                                                                                                                        | 16 Bar                 |
| Max Operating Pressure                                                                                                                                                                                                                   | 10 Bar                 |
| Max Differential Pressure                                                                                                                                                                                                                | 1 Bar                  |
| Pressure Drop Value (Kvs)                                                                                                                                                                                                                | 2.47 m <sup>3</sup> /h |
| Kvs value is the metric measure for the flow of a fully opened valve. It is defined as: The volume flow in cubic metres per hour of water at a temperature of between 5° and 40° Celsius with a pressure drop across the valve of 1 bar. |                        |

## Flow Ratings

|                  |                        |
|------------------|------------------------|
| Normal Flow Rate | 0.61 m <sup>3</sup> /h |
| Max Flow Rate    | 2.47 m <sup>3</sup> /h |

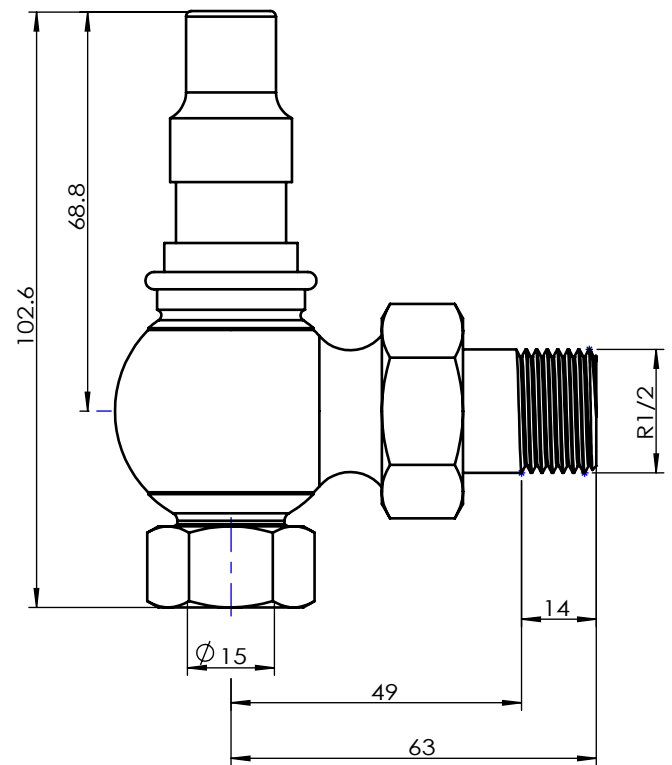
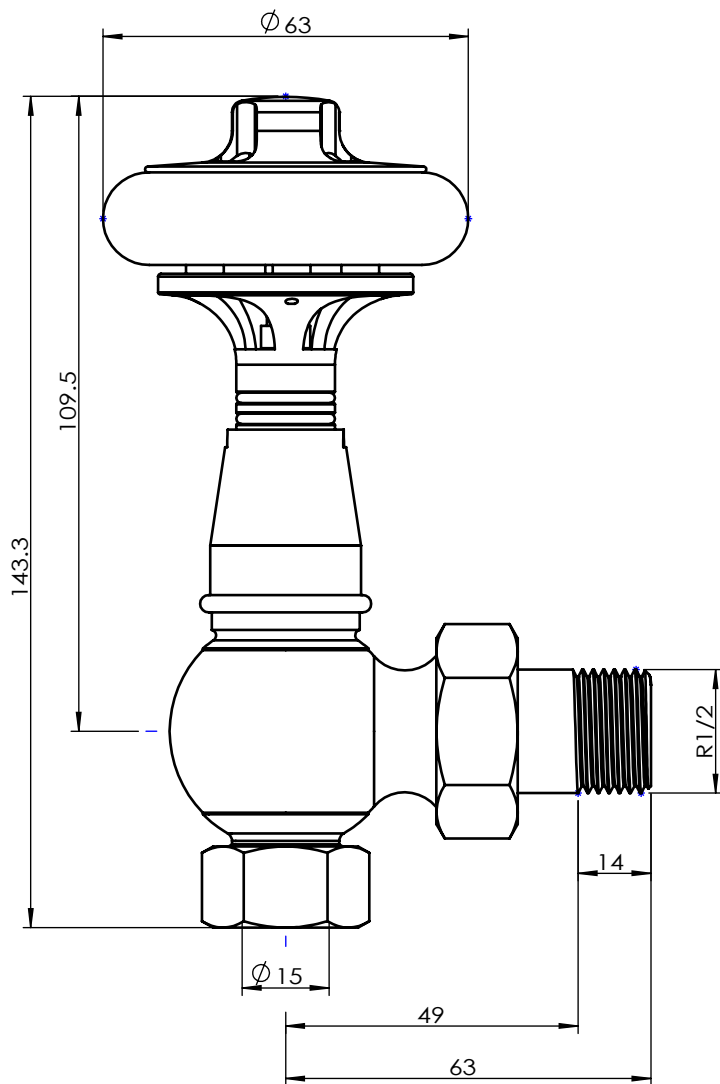
## Temperature Ratings

|                              |        |
|------------------------------|--------|
| Max Test Temperature         | 100°C  |
| Max Operating Temperature    | 120°C  |
| Temperature Adjustment Range | 7-38°C |

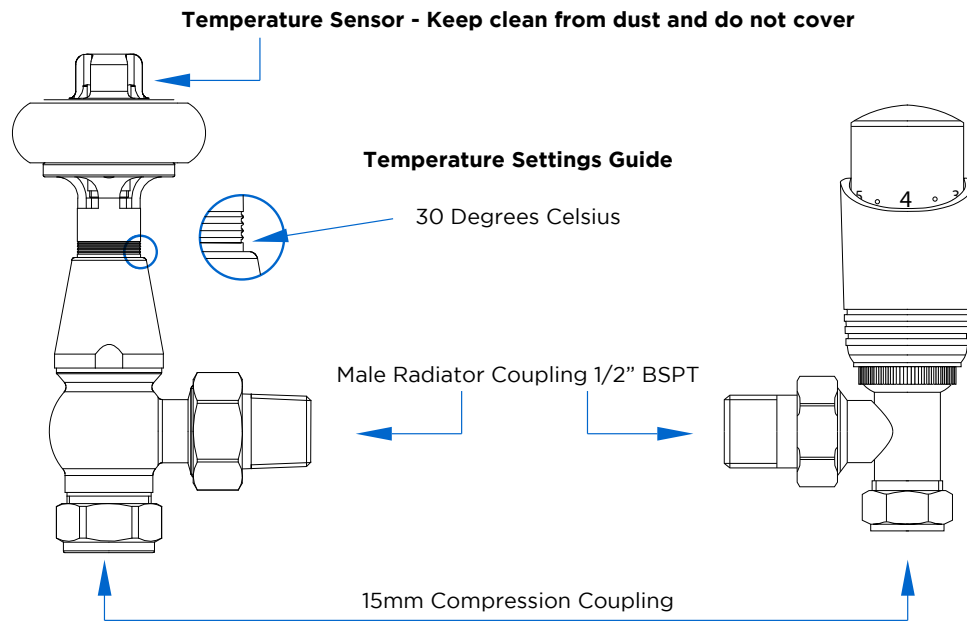
## Disclaimer

|                                                                   |
|-------------------------------------------------------------------|
| All dimensions are approximate and for roughing in only.          |
| We recommend no work be carried out until the goods arrive.       |
| We can take no responsibility for errors in information supplied. |

## Amberley Thermostatic Radiator Valves (Angled TRV - No Frost Protection)



# Amberley Thermostatic Radiator Valves (Angled TRV - No Frost Protection)



## Thermostatic Temperature Control (No Frost Protection)

When the wheel head is wound fully clockwise the valve is fully shut off.  
When fully open, the thermostatic control operates to around 38 degrees C.  
The small O-rings on the shaft can be used as a temperature guide.  
The more O-rings showing, the higher the room temperature.

As with any valve, if fully opened (anti-clockwise) always turn the wheel head back one 1/4 turn, to prevent sticking, as room & valve temperatures alter.

**Note:** Never over tighten in either direction.

## Installation

Your radiator valves should only be installed by a competent and suitably qualified installer. Your warranty may be void if installation is not carried out by a suitably qualified heating engineer.

All plumbing joints should be sealed using appropriate tools, methods and materials. Never over tighten any joint or coupling.

Ensure care is taken to protect the decorative finish on the valves during installation. We would recommend applying protection (for example, at least two layers of paper between the faces of the nuts and any spanner) to ensure the surfaces are not marked.

We recommend all TRV's are installed on the flow, rather than the return pipework of a radiator. When used in conjunction with a system automatic bypass valve, this thermostatic valve can be installed on either the flow or return in any orientation. System automatic bypass valves are a specific building regulation requirement for all new installations and boiler upgrades. All bidirectional TRV's from any manufacturer require the bypass valve to function correctly and thus avoid radiator hammer.