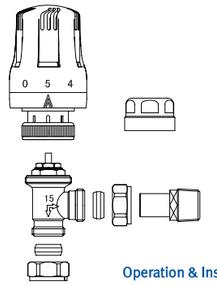
CLASSIC THERMOSTATIC RADIATOR VALVE



- High performance liquid sensor
- 5 Settings Including Frost Protection
- Max Pressure: 10 Bar
- COMPLIES WITH EN215

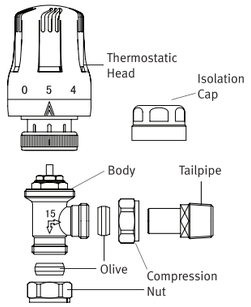
Operation & Installation Instructions

TRV Installation Instructions

When installing a thermostatic radiator valve the following aspects must be considered to ensure that the valve performs to its optimum level.

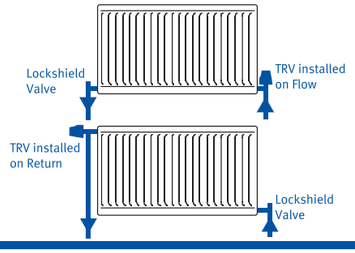
1 The valve should be in a position where it is in contact with free air circulation within the area and is not subject to draughts, as this will affect the valve's performance.
2 The valve must not be installed in a position where the head is likely to be damaged or where the valve is subject to excessive heat, either at the time of installation or in operating conditions.
3 Ensure that the system is clean and free from debris and the installation is in accordance with good plumbing practice.
4 An automatic differential bypass valve MUST be fitted as part of a TRV installation

Component Parts



Where Do I fit the Valves?

The valve is specially designed for installation on either the flow or return pipework, in any orientation and with the flow of water in any direction.



Connecting to Pipework

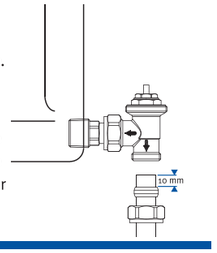
Using a suitably sized spanner on the hexagon of the tailpipe rotate in a clockwise direction into the tapped hole in the radiator.

When making the inlet compression joint use only copper tube to BS EN 1057 grade R250 (half hard).

After preparing the copper tube fit the olive ensuring that 10mm protrudes from the olive.

Using a suitably sized spanner tighten the compression nut until water tight.

Finally connect the valve body to the tailpipe ensuring that the tailpipe protrudes from the olive, tighten the compression nut until water tight.

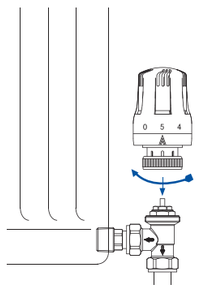


How do I fit The Thermostatic Head?

Set the thermostat to position 5.

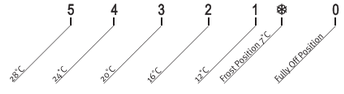
With the valve body installed on the radiator, align the thermostat over the body.

Ensure the thermostat is square to the body, screw the retaining nut in a clockwise direction until tight, taking care not to overtighten.



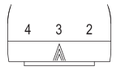
Temperature Adjustment

The thermostat has the following approximate settings



Rotate the thermostatic head clockwise and anti-clockwise between 0 and 5 to select the required room temperature.

Align the number with the apex of indicator as shown.

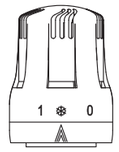


Frost Setting

The thermostatic head has within its range a frost setting ❄.

When set at the ❄ position the thermostatic head will react when the ambient temperature drops to 7˚C and allows the valve to open.

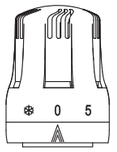
Note: Hot water must be circulating within the heating system.



Positive Off Position

The thermostatic head has within its range an off position 'o' were the valve will be closed and prevent water flowing.

It is recommended for prolonged periods of isolation, when the radiator is removed or 'dropped' during decoration, that the thermostatic head is removed prior to commencing and the isolation cap is used in the fully closed position.



TRV Technical Specification

- Maximum working pressure: 10 bar
- Maximum pressure differential: 1 bar
- Maximum water temperature: 100˚C
- Maximum ambient temperature: 50˚C
- Temperature adjustment range: 0 to 28˚C
- Frost setting: 7˚C

Note: The TRV is only suitable for use as a reverse flow valve when the system differential pressure, across the valve, does not exceed 0.25 bar.

Cleaning The TRV

The body and thermostatic head should be cleaned using a mild soap solution.

Do not use abrasive pads, bleach or solvents etc as they will damage the surfaces.

Please ensure these instructions and the isolation cap are left with the valve for the user.

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