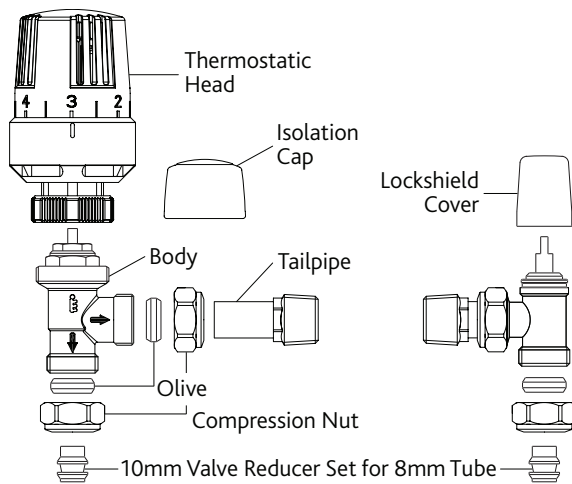




Operation & Installation Instructions



TRV Location

When installing a thermostatic radiator valve the following must be considered to ensure the valve gives optimum performance.

- 1 The valve is in a position where it is in contact with free air circulation within the room and not subject to draught, direct sunlight or behind curtains/covers, all of which affect its performance.
- 2 The valve must not be installed in a position where the head is likely to become damaged or where it is subjected to excessive heat, either during installation or in service.
- 3 Ensure that the system is clean and free from debris and installed using good installation practice.
- 4 An automatic differential bypass valve **MUST** be fitted as part of a TRV installation.

Where Do I fit the Valves?

The TRV and Lockshield valve are both bi-directional and can be installed on the flow or the return. The preferred position is for the TRV to be installed on the flow to the radiator.

Fitting the Tailpipe and Valve

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).

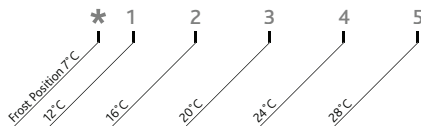
Fit the TRV or lockshield valve to the tailpipe.

Set the thermostat to position 5 before fitting to the valve 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

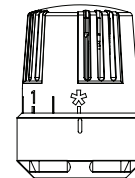


Rotate the thermostatic head clockwise and anti-clockwise between 1 and 5 to select the required room temperature.

Align the number with the vertical indicator.

The thermostat does not have a manual isolation setting therefore the isolation cap must be used when positive isolation is required.

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.

TRV Technical Specification

- Maximum working pressure: 10 bar
- Maximum pressure differential: 1 bar
- Maximum water temperature: 100°C
- TRV and lockshield valves: bi-directional
- Maximum ambient temperature: 50°C
- Temperature adjustment range: 0 to 28°C
- Frost setting: 7°C

Product Codes

ALT-108ANTRV	10/8mm Angled Bi-directional TRV
ALT-15ANTRV	15mm Angled Bi-directional TRV
ALT-108ANTWN	10/8mm Angled Bi-directional Twin Pack
ALT-15ANTWN	15mm Angled Bi-directional Twin Pack

Cleaning The Valves

The bodies, thermostatic head and lockshield cover 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.