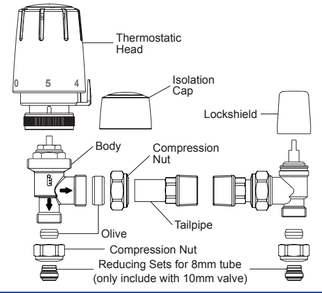
TRV installation instructions

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

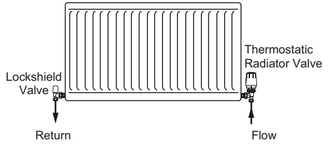
1. The valve is in a position where it is in contact with free air circulation within the room and not subjected to draught, direct sunlight or behind curtains, all of which will affect its performance.
2. The valve must not be installed in a position where the head is likely to be damaged or where it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

ANGLE VALVE components



WHERE do I fit the angle valve

The TRVs are designed for installation on the flow to the radiator and the lockshield on the return.

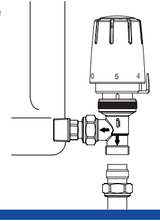


Bottom Entry

CONNECTING to the pipework

Using a suitably sized spanner on the hexagon of the tailpipe rotate in a clockwise direction into the threaded hole in the radiator.
When making the inlet compression joint use only copper tube to BS EN 1057 grade R250 (half hard).

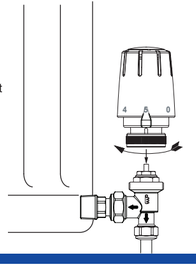
After preparing the copper tube fit the olive ensuring that the tube will protrude from it.
Using a suitably sized spanner, tighten the compression nut until watertight.
Finally connect the valve body to the tailpipe ensuring that the tailpipe protrudes from the olive, tighten the compression nut until 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.

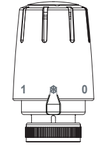
Align the number with the vertical indicator as shown.



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.



'0' settings

The thermostatic head has within its range a '0' position, please note this does not give complete isolation of the valve.
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.



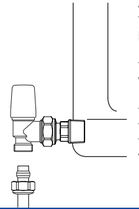
TRV technical specification

- Maximum working pressure: 10 bar
- Maximum pressure differential: 1 bar
- Maximum water temperature: 100˚C
- Maximum ambient temperature: 50˚C
- Approximate 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.

LOCKSHIELD connecting to pipework

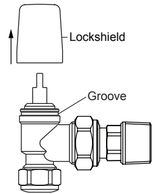
Using a suitably sized spanner on the hexagon of the tailpipe rotate in a clockwise direction into the tapped hole in the radiator.
When making the inlet compression joint use only copper tube to BS EN 1057 grade R250 (half hard).



After preparing the copper tube fit the olive ensuring that the tube will protrude from it.
Using a suitably sized spanner, tighten the compression nut until watertight.
Finally connect the valve body to the tailpipe ensuring that the tailpipe protrudes from the olive, tighten the compression nut until water tight.

LOCKSHIELD adjustment

Pull the lockshield cover vertically off the valve.
Using a 3 mm A/F spanner or the spare handwheel rotate the stem clockwise to close the valve to the required position.



Push the lockshield cover back onto the body until the locating lugs in the cover locate in the groove on the body.

CLEANING the valve

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.

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Code: CORETRVAP010
Description: CORE 8/10MM TRV Twin Pack
Code: CORETRVAP015
Description: CORE 15MM TRV Twin Pack

Please leave these instructions for the user

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IOM 238 V1 26-08-26

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Installation & Maintenance Instructions