

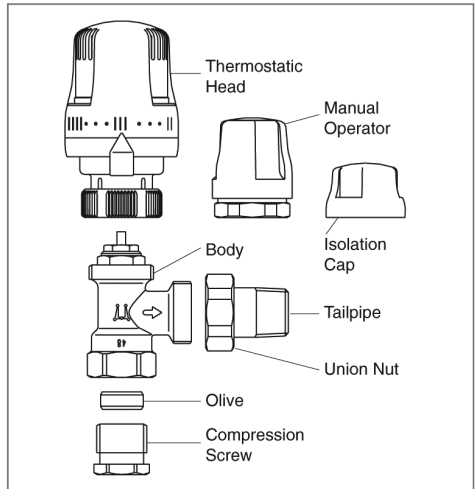
**Thermostatic Radiator Valves
D885/D886/D888/D889**

- Interchangeable TRV head and Wheelhead
- Common body for TRV head and Wheelhead
- Chrome plated finish

INSTALLATION

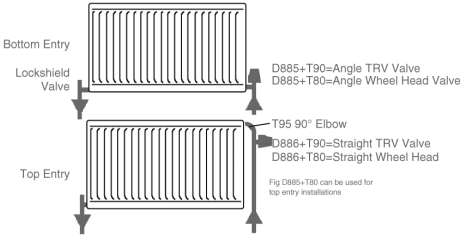
When installing a thermostatic radiator valve the following must be considered to ensure the valve gives optimum performance.

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.



WHERE TO FIT THE VALVES

The Crane TRV and manual isolating valves are designed for installation on the FLOW pipework.

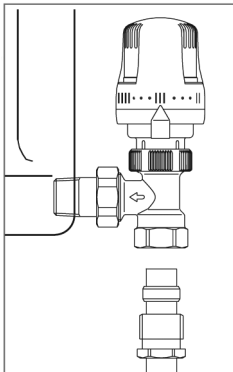


CONNECTING TO PIPEWORK

Using the Crane fitting tool in the bore of the tailpipe rotate in a clockwise direction into the tapping in the radiator.

Copper Tube Connection

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 can protrude from the olive. Using a suitably sized spanner, tighten the compression joint until watertight.

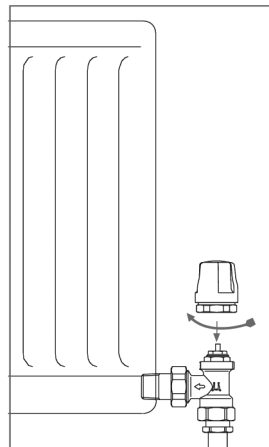


Steel Pipe Connection

- Discard the olive and compression screw.
- Thread the pipe to BS EN 10226 ensuring that an excessive length of thread is not formed.
- Using PTFE tape or thread sealant screw the pipe into the valve inlet to make a water tight joint.
- Connect the valve body to the tailpipe using the union nut and tighten to make a water tight joint.

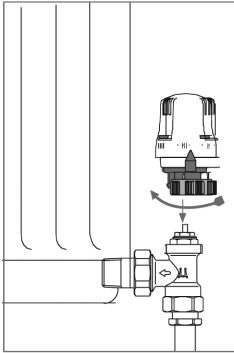
HOW TO FIX THE MANUAL OPERATOR

With the valve body installed on the radiator, align the manual operator in the full open position over the body. Screw by hand to the body in a clockwise direction until tight. Using a suitable spanner 'nip' tight to secure, do not over tighten. Turning the handwheel in a clockwise direction closes the valve.

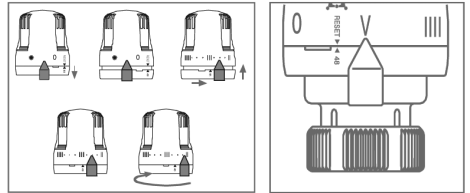


HOW TO FIX THE THERMOSTATIC HEAD

With the valve body installed on the radiator, align the head over the body with the indicator at setting V. Ensure the head is square to the body, screw the retaining nut of the thermostat to the body in a clockwise direction until tight, being careful not to over tighten.

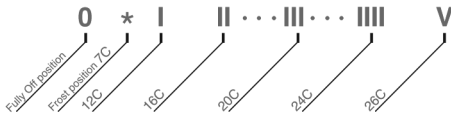


- Rotate the thermostat clockwise to the required temperature and the locking ring anticlockwise until it stops, push the ring back until it locks into position. The valve can now be adjusted between 0 and the set position.
- To remove the setting, simply lower the ring again and rotate clockwise until the reset marks are aligned then push the ring back to lock it. The valve can now be adjusted through its full settings range.



TEMPERATURE SETTINGS

The thermostat has the following approximate settings:



Operational Features

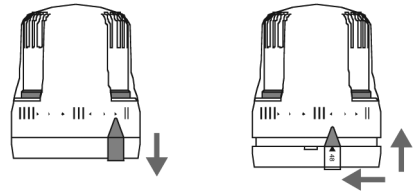
- Rotate the thermostatic head clockwise and anticlockwise between the setting 0 and V as required.

Economy Setting

- The thermostatic head can be set to limit the adjustment range between 0 and the required higher setting.
- With the indicator pointer and the reset mark facing you push the locking ring down until the 2 marks are separated.

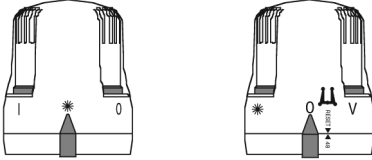
Locked Setting

The head can be set to a single non-adjustable position. Lower the locking ring as described earlier and rotate the head until the indicator is pointing to the desired setting. Rotate the locking ring clockwise until the reset mark is hidden behind the pointer, push the ring back until it locks in position.



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 allow the valve to open.



Positive Off Position

The thermostatic head has within its range an off position 0. When set at the 0 position the valve will be closed and prevent water flow. It is recommended for prolonged periods of isolation, when the valve is turned off, that the thermostatic head is removed and the isolation cap is used in the fully closed position.

TRV Technical Specification

- Conforms to the requirement of BS EN 215
- Max working pressure -10 bar
- Max pressure differential -1 bar
- Max water temperature -100°C
- Max ambient temperature -50°C
- Temperature adjustment range -0 to 30°C
- Frost Setting -7°C

CLEANING THE VALVES

The body, thermostatic or manual head should be cleaned using a mild soap solution.

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

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



FLUID SYSTEMS