



Straight Thermostatic Radiator Valve Pack

This reversible thermostatic radiator valve may be fitted on the flow pipe of the central heating system. The valve should be positioned so that the sensor head can detect the air temperature in the room. The sensor head must not be shielded by any object or come in contact with direct sunlight. Failure to adhere to these guidelines may affect the operation of the valve.

Installation Instructions

Before installing this TRV, the system must be flushed to ensure it is free from debris / contamination in accordance with good plumbing practice. Use the manual closing cap (provided) to protect the valve during installation. Installation should be carried out by a trained professional.

1. Fit the manual closing cap and screw clockwise to close the valve. Do not over-tighten.
2. Apply PTFE tape to the 1/2" BSP tail and screw into the radiator.
3. Connect the valve body by sliding the nut and olive onto the tail. A jointing compound should be applied to the olive.
4. Connect the valve to the supply pipe on the flow. Valve is not bi-directional. Ensure that PTFE or equivalent is used ensuring that all connections are firmly tightened. Do not over-tighten.
5. Fill the system, bleed the radiator and check for leaks. After commissioning, remove the manual closing cap and store it in a safe place for future use.
6. Turn the sensor head to the fully open position (position "5")
7. Mount the sensor head to the valve body ensuring that the indicator can be seen. Hand tighten the securing ring - do not over-tighten or use tools.
8. It is strongly recommended that the differential pressure should not exceed 0.6 Bar to avoid flow related noise. A differential bypass valve must be fitted to ensure that the pumped pressure does not exceed 0.6 Bar under all operation conditions.



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User Instructions

The sensor head contains a temperature sensor which controls the opening and closing of the valve thereby keeping the room at a constant temperature. The calibration marks present on the sensor head, correspond to the following temperatures:

0	*	1	2	3	4	5
Isolation	7°C	12°C	16°C	20°C	24°C	28°C

Setting the temperature

Select the desired room temperature from the table above and rotate the sensor head so that the black indicator points to the appropriate number. Allow at least one hour for the temperature to stabilise.

Frost protection

If heating is not required but there is a risk of freezing, the sensor head may be rotated so that the black indicator points to *. This will allow the valve to open if the temperature falls below 7°C. The boiler must remain operational, controlled by a frost thermostat.

Radiator removal

To remove a radiator it is necessary to use the manual closing cap supplied with the valve. Remove the sensor head and screw clockwise with the manual closing cap. If the sensor head is used to close the valve there is a risk of water damage if the temperature falls and the valve opens unexpectedly.

Summer operation

If the heating system is turned off for long periods like the summer months it is recommended that all TRV valves are set to the fully open position (position "5").

Temperature range	7...28°C
Maximum differential pressure	1.2 Bar
Maximum static pressure	10 Bar
Max flow temperature	110°C
Kvs value @ 1 Bar	1 M ³ /H