Product Specification

Product Name: **Thermostatic Radiator Valve**

Technical Data

Settings/Temperature range	6-28℃
Hysteresis	0.8 K
Differential pressure effect	0.2K
Water temperature effect	1.3K
Max. operating pressure	10Bar
Max. water temperature	120℃
Max. operating differential pressure	1.0 bar
Response Time	24mins
Conforms to	BS EN 215-1

(PICTURE 1)

Introduction

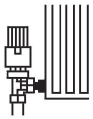
The thermostatic valves are used for heating system by connection with radiators, allows temperature regulation individually room by room, maintain constant desired temperatures, and help to reduce energy consumption.

Installation instructions

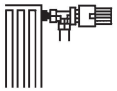
1. Connect the valve body with the inlet of radiators and pipes by following the flow direction arrow on the body. When filling the system, the thermostatic valves should be fully opened.
2. Unscrew and remove the protection cap from the thermostatic valve body.
3. Turn the thermostatic head lever to number 5.
4. Fit the thermostatic head to the valve body, screw on and tighten with a rubber jawed wrench(approx. 20 Nm).
5. Ensure that the setting arrow is pointing upwards and then set the head to number 3 or others.
6. The most effective position is to have the head in a horizontal position where the greatest efficiency will be obtained, as heat from the pipe will not effect the sensor. This is particularly important with top entry connections. With the bottom entry connections, we recommend the valves be fitted with the head work mounted vertically but where space is limited.

Correct installation and maximum performance will be achieved if:

1. The Thermostatic Head is not concealed behind furniture, curtains or drapes, hidden under shelves, panelling or in a recess where air pockets can occur.
2. The Thermostatic head is not exposed to direct sunlight or draughts.



Radiator bottom connection should be vertical.



Radiator top connection must be horizontal.

Product Specification

Operating your TRV

Setting the temperature

The head and the remote adjustor have a scale and symbols that correspond to the following room temperature set points:

*	1	2	3	4	5
Frost protection at 6℃	12℃	16℃	20℃	24℃	28℃

Storing

1. Storage environment temperature should be no more than 50℃ .
2. During the night, it is recommended to place it at lower position in order to save energy and provide better comfort.
3. The anti-frost position (※) used to avoid room temperature falling under 0℃ . When people out or not at home, it is recommended to place it at position (※) in order to the anti-frost protection operates only when the boiler is working.

Please retain for Future Reference. SFD Ltd BA22 8RT.