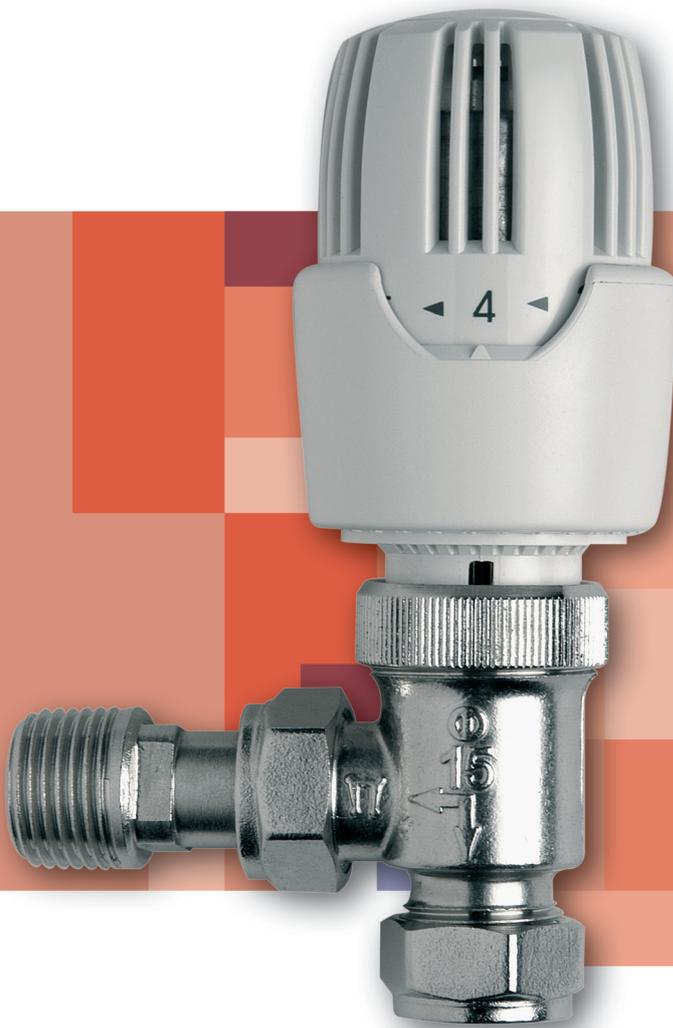


## RT414 Thermostatic Radiator Valve



The Drayton RT414 thermostatic radiator valves provide control of individual room temperatures. With integral thermostatic sensing head and reverse flow capability, the 15mm angle valve can be flow or return mounted both vertically or horizontally.

## RT414 Thermostatic Radiator Valve

RT414 is rigorously tested to confirm to the EN 215 standard, which is recognised throughout Europe.

### Features

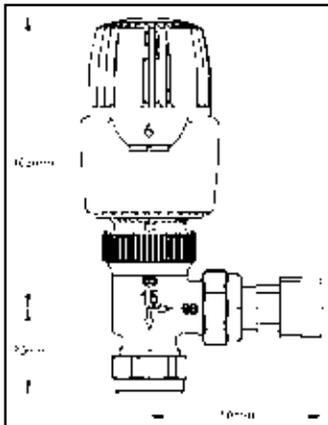
- Compact Design
- Off Position
- 10°C to 26.5°C setting range
- Range limiting
- 6.5°C frost protection setting
- Reverse flow body (15mm angle)
- M30 x 1.5 head connection
- Liquid fill sensor

### Products in Range

Product	Part no.
RT414 head only	10 10 099
RT414 15mm Ang Bdy	10 10 015
RT414 15mm Ang +L/S	10 10 260
RT414 15mm Ang +L/S+DO	10 10 264



### Dimensions



**invensys**  
Controls

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 Email: customer.care@invensys.com  
 Website: www.draytoncontrols.co.uk

### Technical Data

Maximum Sensor Temperature	50°C
Temperature setting range	0 = Shut off position. Valve open at approx. 0°C * Frost protection = Below 6.5°C 1 to 6 = approx. 10°C to 26.5°C
Sensitivity	0.22mm/°C
Hysteresis	0.35 K
Water temperature influence	1 K
Differential pressure influence	0.15 K
Response time	25 minutes

### 15mm Valve

Maximum test pressure	20 bar
Maximum flow temperature	110°C
Maximum static pressure	Valve bodies with compression fittings: 10 bar at 65°C, 6 bar at 110°C
Maximum differential pressure	1 bar (To ensure valve closure)
Maximum recommended differential pressure	0.2 bar (To ensure low noise operation)
Connections	Compression fittings meet BS EN 1254-2
Materials	Sensing head: ABS Valve body: Nickel plated brass

### Flow noise through valves

It is strongly recommended that the differential pressure across the thermostatic valves should not exceed 0.2 bar to avoid flow related noise. A differential pressure regulating device, e.g. the Drayton DTB Automatic by-pass valve should be used. Please refer to our data sheet D30.

### System cleansing

To avoid damage to the valves and heating system components, and the formation of scale deposit in the hot water heating system, the system should be flushed and a proprietary inhibitor added. Please refer to our datasheet D34.

Available from:



D58-3