

## 5212 Adjustable anti-scald thermostatic mixing valve. with check valves, strainers and compression ends.

Size: 15mm compression

Body: Brass DZR Chrome plated

### Performance

|   |                        |
|---|------------------------|
| Medium:   | Water                  |
| Temperature adjustment range:   | 30 °C – 50 °C          |
| Temperature control:  | ± 2 °C                 |
| Max. working pressure (static)  | 10 bar                 |
| Max. working pressure (dynamic)   | 0.2 bar                |
| Max unbalanced dynamic supply:<br>(hot/cold or cold/hot)  | 12: 1                  |
| Max hot water inlet temperature:  | 85 °C                  |
| Max pressure differential:  | low pressure: 0.4 bar  |
| between hot and cold supplies   | high pressure: 2.0 bar |
| Flow rate under 1 bar:<br>pressure differential:  | 1400 ltr/hour          |
| Minimum temperature differential<br>between hot inlet and mixed water<br>outlet to ensure fail safe function: | 10 °C                  |



### International approvals:



### Application

The Careflo thermostatic mixing valve has been tested and approved by the National Health Service as a **class 3** and National Health Service model engineering specification – D08. The valve being suitable for the following applications: -

- Wash hand basin – high and low pressure
- Showers – high and low pressure
- Bidets – high and low pressure
- Baths 44 °C fill (unassisted) – High pressure
- Baths 46 °C fill (assisted) – High pressure

The Caleffi Careflo thermostatic valve is suitable for installation on systems where more than one outlet is required to be served, provided that the supply conditions permit.

The Careflo has been designed to provide an operating temperature range of 30 °C to 50 °C