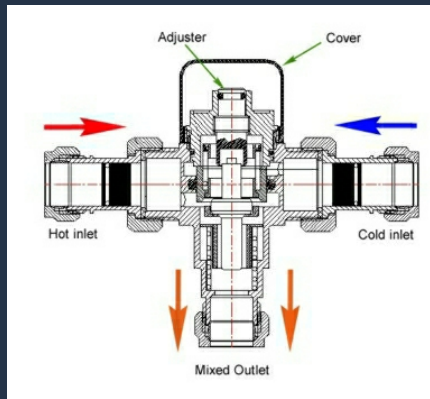


|        |                  |
|--------|------------------|
| INLETS | 22mm Compression |
| OUTLET | 22mm Compression |



- HP - High pressure
- LP - Low pressure
- S - Shower
- B - Bidet
- W - Washbasin
- T44 - Bath with fill temperature of 44°C max
- T46 - Bath with fill temperature of 46°C max
- BE - Bidet with economy flow rate
- SE - Shower with economy flow rate
- WE - Washbasin with economy flow rate

## PRODUCT DATA SHEET



### TEMPERATURE STABILISED THERMOSTATIC MIXING VALVE PRODUCT CODE: TMV22

THE TEMPERATURE STABILISED THERMOSTATIC MIXING VALVE HAS BEEN DESIGNED TO AUTOMATICALLY BLEND THE HOT AND COLD WATER SUPPLY TO DELIVER WATER AT A PRESET MAX TEMPERATURE

This Thermostatic mixing valve has been designed and manufactured to comply with BS EN 1287(LP) and BS EN 1111(HP)

Conditions for normal use

| Operating pressure range   | Low pressure            | High pressure |
|--|-------------------------|---------------|
| Maximum static pressure-bar  | 10                      | 10            |
| Flow pressure, hot and cold-bar  | 0.2 to 1                | 1 to 5        |
| Hot supply temperature-°C  | 52-65                   | 52-65         |
| Cold supply temperature-°C   | 5 to 20                 | 5 to 20       |
| Minimum Temperature Differential Between Mixed Temperature & Either Supply | 10°C                    | 10°C          |
| Maximum Differential pressure-bar  | 10:1 between hot & cold |               |

*Differential pressure example*

*Pressure=1bar Max. Diff=0.1bar*

Mixed water temperature

| Application      | Abbreviated Designation | Mixed water temperature °C |
|------------------|-------------------------|----------------------------|
| Bidet            | -HP-B,BE,-LP-B,BE       | 38 max                     |
| Shower           | -HP-S,SE,-LP-S,SE       | 41 max                     |
| Washbasin        | -HP-W,WE,-LP-W,WE       | 41 max                     |
| Bath (44°C fill) | -HP-T44,-LP-T44         | 44 max                     |
| Bath (46°C fill) | -HP-T46,-LP-T46         | 46 max                     |

|  |                           |
|--|---------------------------|
| Minimum pressure drop through fitting for correct mixing                         | 0.1bar (1 Metre head)     |
| Maximum pressure drop through fitting for correct mixing                         | 5.0bar (50 Metre head)    |
| Maximum static pressure to be applied to fitting                                 | 10.0 bar (100 Metre head) |
| Maximum pressure loss ratio  | 10:1 either supply        |
| Temperature stability with normal variation of supply Temperatures and pressures | ±2°C from set temperature |
| Factory set standard blend temperature   | Not Pre-set               |
| Maximum hot supply temperature   | 80°C                      |

TFC GROUP

TMV22 - THERMOSTATIC MIXING VALVE



QR057

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