



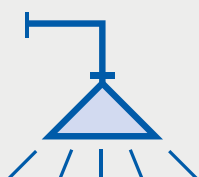
Anti-scald thermostatic mixing valves for installation at the point of use

521 series

www.caleffi.com



- High performance thermostatic mixing valve with check valves and strainers at the inlets.
- Designed for application at the point of use or for a limited number of user outlets.
- Special anti-scald function which immediately shuts off the hot water flow in the event of cold water supply failure at the inlet.
- The temperature setting can then be locked at the desired value by means of the tamper-proof locking nut.
- Able to control the temperature of the mixed water supplied to the user accurately in case of variations in the inlet supply pressure or temperature, or in the flow rate.
- Certified in accordance with the established specification in the UK, NHS D08, standard BS 7942:2000 and standards EN 1111 and EN 1287.



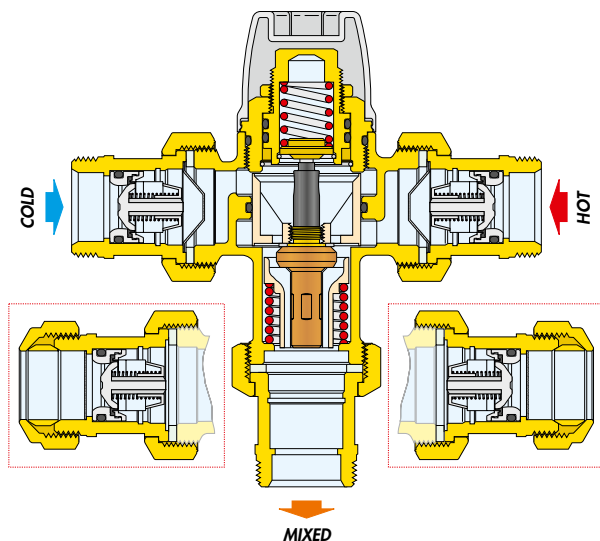
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Hydronic Solutions

PRODUCT RANGE



CODE	CONN.	Kv [m³/h]
521304	1/2"	1,5
521303	3/4"	1,7
521315	Ø 15	1,5
521322	Ø 22	1,7

SECTION



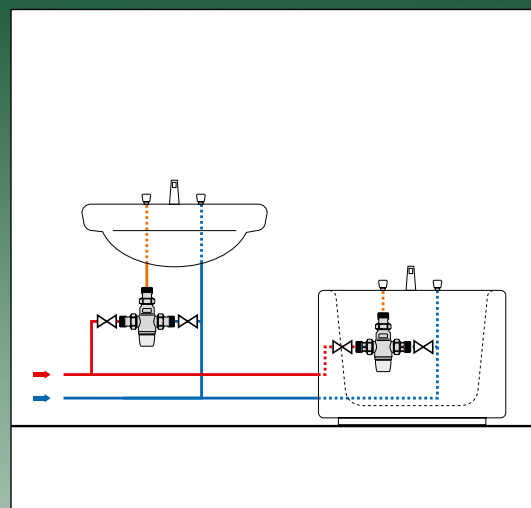
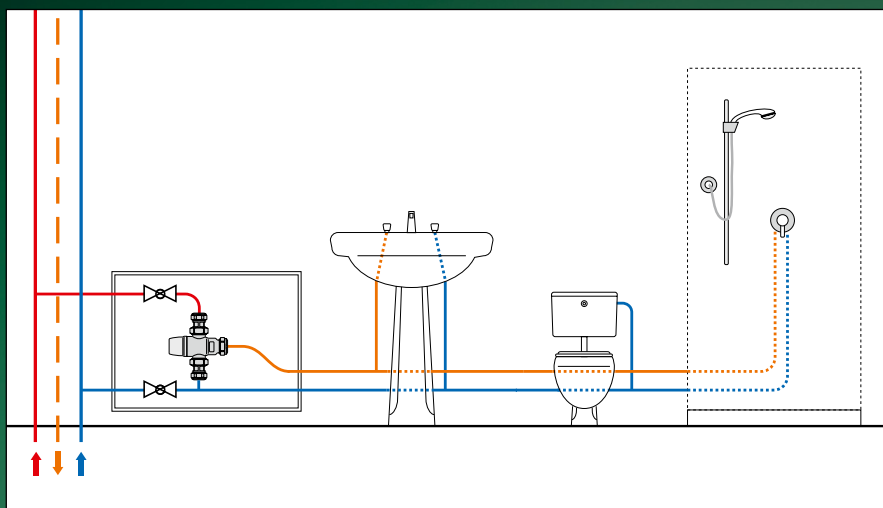
TECHNICAL SPECIFICATIONS

Body material	dezincification resistant alloy EN12165 CW602N, chrome plated
Adjustment temperature range	30–50°C
Accuracy	±2°C
Max. working pressure (static)	10 bar
Max. working pressure (dynamic)	5 bar
Max. inlet temperature	85°C
Max. inlet pressure ratio (h/c or c/h)	6:1
Minimum flow rate to ensure optimal performance	4 l/min
Min. temperature difference between inlet hot water and outlet mixed water to ensure anti-scald performance	10°C



Domestic Water Sizer 
DOMESTIC WATER SYSTEM SIZER ALSO FOR SMARTPHONE
 Available on caleffi.com and app for smartphone.
 Download the version for your iOS and Android® mobile phone.

APPLICATION DIAGRAMS



REFERENCE DOCUMENTATION

5213 series

- Brochure 01092

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Caleffi S.p.A. S.R. 229 n. 25 · 28010 Fontaneto d'Agogna (NO) · Italy
 Tel. +39 0322 8491 · Fax +39 0322 863723
info@caleffi.com · www.caleffi.com · © Copyright 2019 Caleffi

0358919GB