

TMV3 THERMOSTATIC MIXING VALVE

VTA323, VTA353, Combi



DESCRIPTION

ESBE Thermostatic Mixing Valves are licensed for use with washbasins, showers and baths in higher risk and Healthcare applications under the requirements of the NHS Estates D08 specification.

- ESBE thermostatic mixing valves are available in standard format 15mm and 22mm, and VTA353 is available in Combi format.
- Available in T pattern (VTA353) but also L pattern (VTA323) - saving customers 40% installation time.
- Combi versions are supplied complete with 4-in-1 angle inlet connectors incorporating stainless steel mesh strainers, non return valves, 1/4" BSP pressure tapping point and 1/4-turn lever ball valves.



Combi-015/022

USES

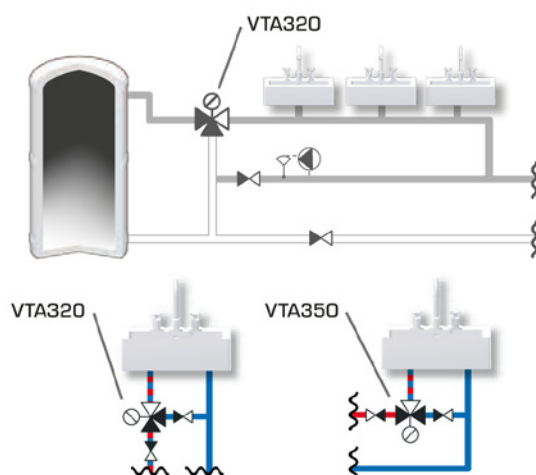
ESBE thermostatic mixing valves are ideal for reducing temperatures in any situation where normal hot water at 60°C may accidentally scald and cause serious burns. Used in showers, basins and baths, they ensure washing safety in schools, sports centres, factories, prisons, and many other venues.

APPLICATIONS

Certified for healthcare use under the following requirements:

- HP/LP-S: High / Low pressure shower.
- HP/LP-W: High / Low pressure washbasin.
- HP-T44: High pressure bath fill up to 44°C.
- HP-T46: High pressure bath fill up to 46°C

INSTALLATION EXAMPLES



TECHNICAL DATA

Pressure Class:	PN10
Working Pressure:	10 Bar
Differential Pressure:	Max 3 Bar
Media Temperature:	Max 95°C
Temperature Stability:	± 2°C *
Connection:	External Thread (G) 1" Compression fitting (CPF)

* Valid at unchanged hot/cold water pressure, minimum flow rate 4l/min. Minimum temperature differential between hot water inlet and mixed water outlet of 10°C

Material

Valve housing:	Dezincification resistant brass, DZR
Surface treatment:	Nickel plated

PED 07/23/EC, article 3.3

Pressure equipment in conformity with PED97/23/EC, article 3.3 (sound engineering practice). According to the directive the equipment shall not carry any CE mark.

TMV3 certificate No: BC1515/214, BC1516/1214

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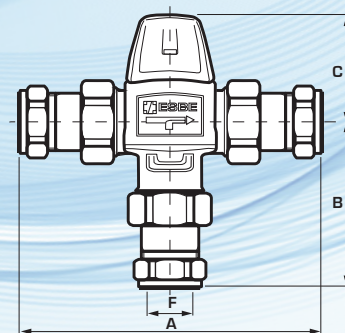
VTA323

Series VTA323, with adapters

Art. No	Reference	Temp. range	Kvs*	Connection F
31106312	VTA323	32-49°C	1.5	CPF 15mm
31106311			1.6	CPF 22mm

* Kvs-value in m³/h at a pressure drop of 1 bar. CPF = compression fitting. Two check valves for both hot and cold water are included

Art. No	Dimensions		
	A	B	C
31106312	146	80	52
31106311	166	90	



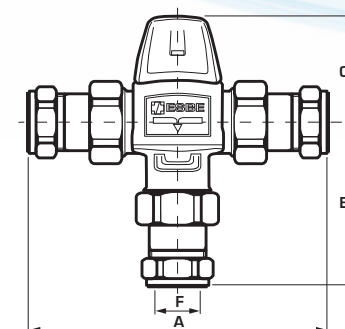
VTA353

Series VTA353, with integrated check valves and adapters

Art. No	Reference	Temp. range	Kvs*	Connection F
31106413	VTA353	32-49°C	1.5	CPF 15mm
31106412				CPF 22mm

* Kvs-value in m³/h at a pressure drop of 1 bar. CPF = compression fitting. Two check valves for both hot and cold water are included

Art. No	Dimensions		
	A	B	C
31106413	126	70	52
31106412	146	80	



TMV3-VTA353-Combi-022/015

Series VTA353, with integrated check valves and adapters

Art. No	Ref	Temp. range	Kvs*	Connection F
TMV3-Combi-015	VTA353	32-49°C	1.5	CPF 15mm
TMV3-Combi-022				CPF 22mm

* Kvs-value in m³/h at a pressure drop of 1 bar. CPF = compression fitting. Two check valves for both hot and cold water are included

Art. No	Dimensions		
	A	B	C
TMV3-Combi-015	140	70	54
TMV3-Combi-022	150	80	

