

# VTA 570 THERMOSTATIC MIXING VALVE



## Function

The VTA570 series is the first choice for heating and cooling applications. The valves provide an overtemperature protection function, which is important for protecting, for example, underfloor heating pipes and the floor itself from uncontrolled temperature increases.

## Technical data

Pressure class:	PN 10
Operating pressure:	1,0 MPa (10 bar)
Differential pressure, mixing:	max. 0,3 MPa (3 bar)
Maximum average temperature:	Range temp. 10–30°C _65°C Range temp. 20–55, 30_70°C continues 95°C _temporary 100°C
Minimum liquid temperature:	0°C
Temperature stability:	Range temp. 10–30°C _±2°C Range temp. 20–55, 30–70°C _±3°C
Connection:	Male thread (G), ISO 228/1

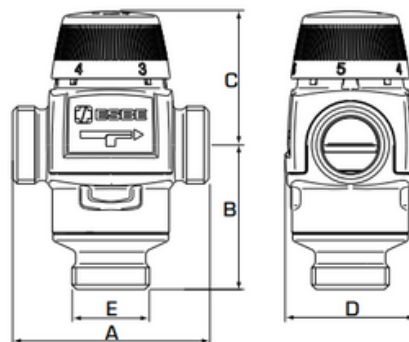
## Compatible liquids

Water
Heating system water
Water with antifreeze additive (glycol ≤ 50% mixture)

## Material

Valve body and other parts in contact with fluid:	Brass/DZR
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## Dimensions



## ➔ SERIES VTA372/VTA572, MALE THREAD

Code	Reference	Time range	Kvs *	Connection	Dimensions				Weight [kg]	Replaces
					A	B	C	D		
31700100	VTA572	10 - 30°C	4,5	G 1"	84	62	60	56	0,86	
31700400			4,8	G 1¼"						
31200100	VTA372	20 - 55°C	3,4	G 1"	70	42	52	46	0,44	
31702100	VTA572	20 - 55°C	4,5	G 1"	84	62	60	56	0,86	
31702200			4,8	G 1¼"						
31200400	VTA372	30 - 70°C	3,4	G 1"	70	42	52	46	0,48	31105400
31702500	VTA572	30 - 70°C	4,5	G 1"	84	62	60	56	0,86	31700300
31702600			4,8	G 1¼"						

\* Kvs value in m<sup>3</sup>/h at a pressure drop of 1 bar

## Custom valves

Series	Temperature range			Application
	10 - 30°C	20 - 55°C	30 - 70°C	
VTA370				Drinking water in-line
VTA570				Drinking water point-of-use
VTA370				Solar heating
VTA570				Cooling
VTA370	●			Underfloor heating
VTA570		●		Underfloor heating
VTA370		○	●	Radiator heating
VTA570		○	●	Radiator heating

● Recommended ○ Secondary alternative

## Capacity diagram

