

# THERMOSTATIC MIXING VALVE VTA 370



## Function

The VTA370 series is the first choice for heating and cooling applications. The valves provide an overtemperature protection function, which is important to protect, for example, underfloor heating pipes and also the floor itself from uncontrolled temperature increases.

## Technical data

Pressure class:	PN 10
Operating pressure:	1,0 MPa (10 bar)
Differential pressure, mixing:	max. 0,1 MPa (1 bar)
Maximum average temperature:	Range temp. 10–30°C _65°C Range temp. 20–55, 30_70°C continuous 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

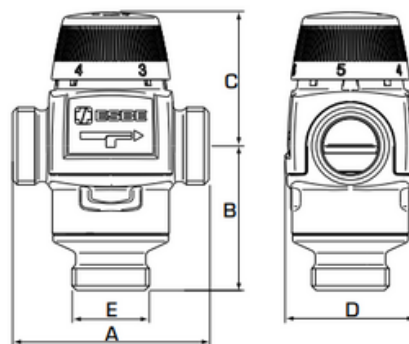
## Compatible liquids

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

## Materials

Valve housing and other parts in contact with fluid: Brass/DZR

## Dimensions



### → SERIE VTA372/VTA572, FILETTO MASCHIO

Code	Reference	Range of temperature	Kvs *	Connection point E	Dimensions				Weight [kg]	Substitutes
					A	B	C	D		
31700100	VTA572	10 - 30°C	4,5	G 1"	84	62	60	56	0,86	
31700400			4,8	G 1¼"					0,95	
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"					0,95	
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"					0,95	31700600

\*Kvs value in m³/h at a pressure drop of 1 bar

## Custom valves

Series	Temperature range			Application
	10 - 30°C	20 - 55°C	30 - 70°C	
VTA370				Potable water, in line
VTA570				Potable water, in line
VTA370				Ready-to-use drinking water
VTA570				Ready-to-use drinking water
VTA370				Solar heating
VTA570				Solar heating
VTA370				Cooling
VTA570	●			Cooling
VTA370		●		Floor heating
VTA570		●		Floor heating
VTA370		○	●	Radiator heating
VTA570		○	●	Radiator heating

● Recommended ○ Secondary alternative

## Capacity diagram

