

THERMOSTATIC CONTROL UNITS

VALVE MANIFOLD BASIC SERIES VMB400

The ESBE series VMB is a compact valve combination for hot water storage. Incoming cold water has the following incorporated components; non return and shut-down device and connections for safety valve, vacuum valve etc. The incoming hot-water is regulated within a temperature range of 35 to 60°C by thermostatic mixing valves series VTA320.

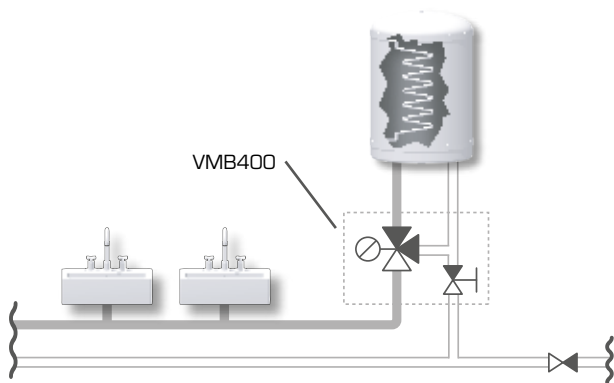


VMB400
Compression fitting

HOW TO USE THE VALVES

The manifold has 2 connections with internal threads DN 15 to connect safety valve (VSB), vacuum valve (VVA), filling valve (VFA), HWC-pipe etc. The manifold also has shut off functionality and backflow protection type EB complying with EN1717.

INSTALLATION EXAMPLES



VALVE MANIFOLD VMB400 DESIGNED FOR

- Potable water

TECHNICAL DATA

Pressure class: _____ PN 10
 Differential pressure: _____ Mixing, max. 0.3 MPa (3 bar)
 Media temperature: _____ max. 95°C
 Temperature stability: _____ ±2°C*
 Temperature range: _____ 35-60°C
 Connection: _____ Internal thread (G), ISO 228/1
 _____ Compression fitting (CPF), EN 1254-2

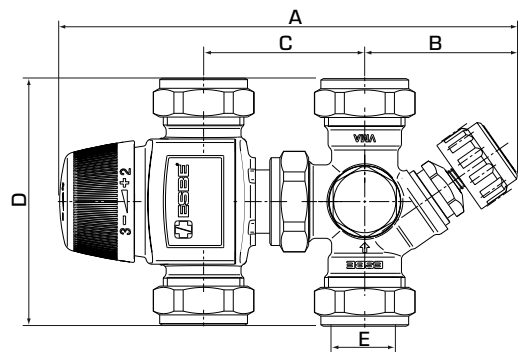
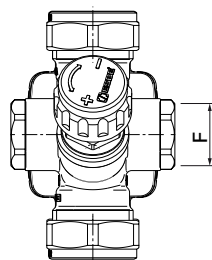
* Valid at unchanged hot/cold water pressure, minimum flow rate 4 l/min. Minimum temperature difference between hot water inlet and mixed water outlet 10°C.

Material

Valve housing and other metal parts with fluid contact: _____
 _____ Dezincification resistant brass, DZR

PED 2014/68/EU, article 4.3

Pressure Equipment in conformity with PED 2014/68/EU, article 4.3 (sound engineering practice). According to the directive the equipment shall not carry any CE-mark.



SERIES VMB400, COMPRESSION FITTING

Art. No.	Reference	DN	Kvs	Safety valve		Connection		A	B	C	D	Weight [kg]
				[MPa]	[bar]	E	F					
31502000	VMB423	15	1.1	—	—	CPF 15 mm	G ½"	165	53	ca 55	86	0.78
31502600				1.0	10							0.93
31502100	VMB423	20	1.6	—	—	CPF 22 mm	G ½"	165	53	52-60	86	0.86
31502200				0.6	6							1.01
31502300				0.7	7							1.01
31502400				0.9	9							1.01
31502500				1.0	10							1.01

CPF = compression fitting