

PIPE IN PIPE SYSTEM SERIES VTR800

ESBE series VTR801 is a pipe in pipe system for use with ESBE circulation sets VTR300 intended for Potable water Hot-Circulation applications with tank without circulation connection.



VTR800
Internal thread

OPERATION

In systems with Potable Water Hot-Circulation (PWH-C) without the circulation connection at the buffer tank is the re-circulated water connected to the cold water port. This solution reduces the effectivity of the PWH-C and destroys the stratification in the buffer tank. With the VTR801 is the re-circulated water connected to the warm water port and is pre-heated in the pipe in pipe solution without destroying the stratification of the buffer tank.

FUNCTION

The ESBE VTR801 series should be connected to the warm water port of the tank. The pipe in pipe solution provides the PWH-C with hot water and at the same time taking care of the circulation return water in the same connection port. The length of the pipe, which is inserted in the tank or coil, can be adjusted according to specific application. To receive the best performance, the VTR801 is recommended to use with ESBE VTR300 series.

MEDIA

The valve can handle the following types of media:
- Drinking Water

PIPE IN PIPE SYSTEM VTR800 DESIGNED FOR

- Potable water

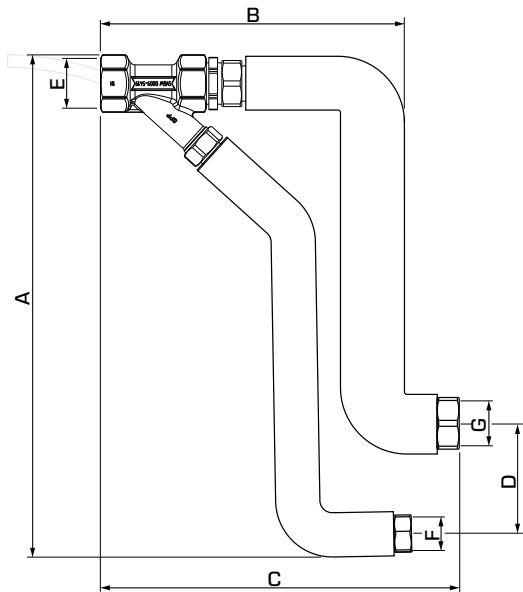
TECHNICAL DATA

Pressure class: _____ PN 10
 Working pressure: _____ 1,0 MPa (10 bar)
 Media temperature: _____ max. continuously +95°C
 _____ max. temporarily +110°C
 _____ min. 0°C
 Pipe PE-Xc dimensions: _____ Ø8x1
 _____ length 1,5m
 Connection: _____ Internal thread (Rp), EN 10226-1
 _____ Internal thread (G), ISO 228/1

 Material
 Pipe PE-Xc: _____ PE-HD, without EVOH-Barrier layer
 T-piece and other metal parts with fluid contact:
 _____ CUPHIN, Stainless steel

PED 2014/68/EU, article 4.3 / SI 2016 No. 1105 (UK)

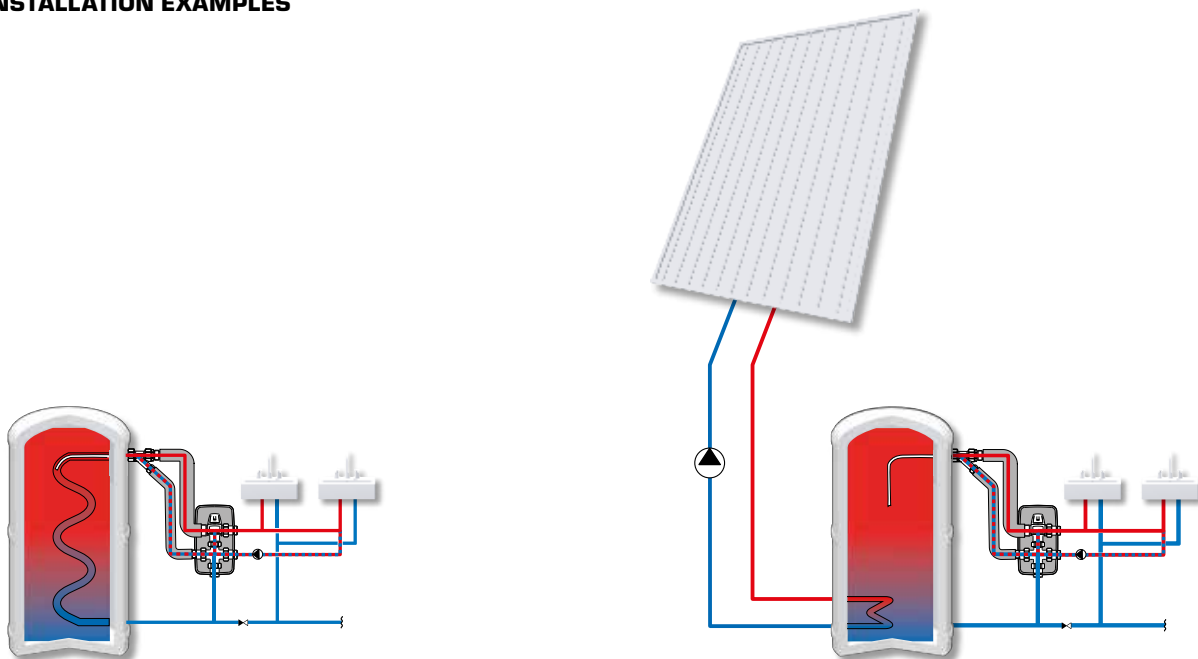
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SERIES VTR801, INTERNAL THREAD

Art. No.	Reference	Connection			A	B	C	D	Weight [kg]	Note
		E	F	G						
31405010	VTR801	Rp 1"	G 3/4"	G 1"	404	244	275	75	1,35	

INSTALLATION EXAMPLES



The shown applications are only examples of product use!
Before using the product in any application, the regional and national regulations need to be checked.