oventrop

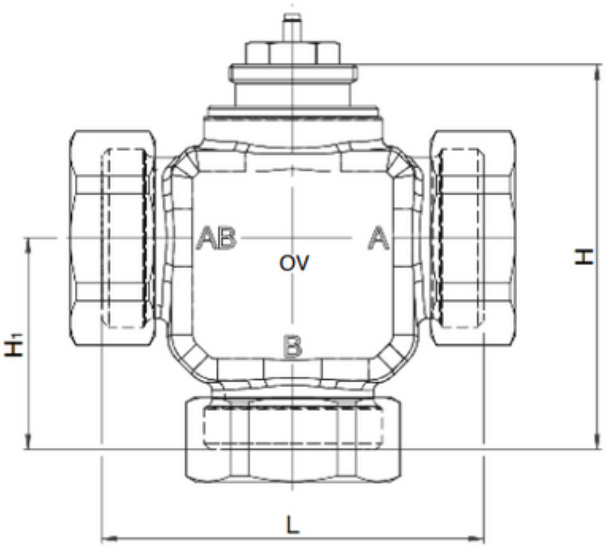
Three-way CTR Valve
Sizes ¾" to 1½"
Sweat and Thread Tailpieces ¾" to 1½"

Job Name: _____ Submitted by: _____ Date: _____

_____ Spec Section: _____

Job Location: _____ Engineer/Architect: _____

_____ Approval: _____ Date: _____

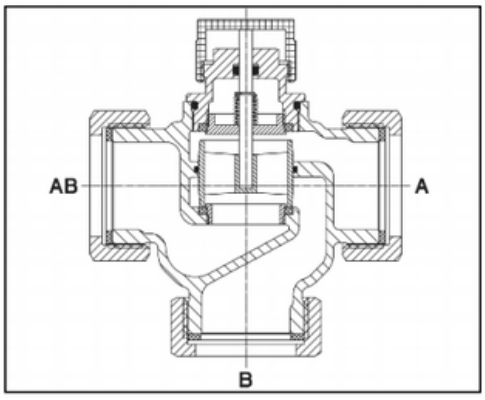


Product Description
Oventrop three-way CTR valves have can be used for either diverting or mixing applications. Pressure waves are not produced during changeover, and the volume of flow remains constant.
Valve body made of corrosion-resistant bronze, inner parts made of brass and stainless steel, EPDM washers.

Actuator connection thread	M 30 x 1.5
Maximum working temperature	248 °F
(for short periods temperatures up to 284 °F)	
Maximum working pressure	145 psi

Dimension in Inches

Size	L	H	H1	Cv
¾"	3.2	3.5	1.9	5.1
1"	3.6	3.6	2.0	6.6
1½"	4.5	4.2	2.5	9.9



Cut Illustration

Mode of operation on actuator close	
Three-way CTR valve	Input switches from port B to port A

Models:

¾" CTR valve	**113 20 06**
1" CTR valve	**113 20 08**
1 ½" CTR valve	**113 20 12**

Tailpiece sets for mixing valves:

¾" set of three, solder connection for ¾" valve	**198 76 72**
1" set of three, solder connection for 1" valve	**198 76 73**
1 ¼" set of three, solder connection for 1 ½" valve	**113 01 96**
1 ½"set of three, solder connection for 1 ½" valve	**198 76 75**
¾" set of three, NPT connection for ¾" valve	**170 60 06**
1" set of three, NPT connection for 1" valve	**170 60 08**
1 ¼" set of three, NPT connection for 1 ½" valve	**170 60 10**
1 ½" set of three, NPT connection for 1 ½" valve	**170 60 12**

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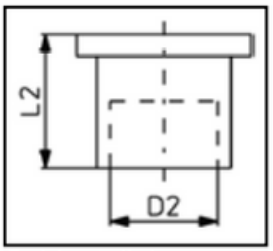
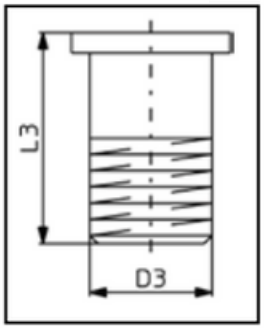


Solder tailpipes

Size	L_2	D_2
¾"	0.90	0.875
1"	1.18	1.125
1¼"	1.57	1.375
1½"	1.26	1.625

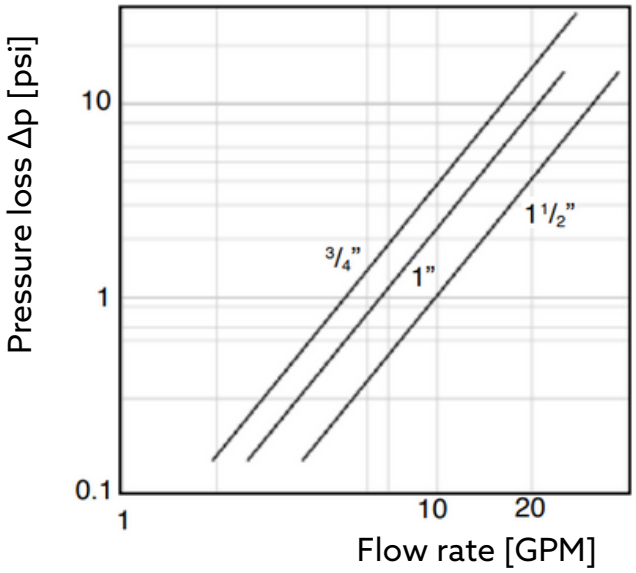


Threaded tailpipes

Size	L_3	D_3
¾"	1.34	3/4
1"	1.60	1
1¼"	1.60	11/4
1½"	1.60	11/2

Applications:
Any instance where the hot heating water supply requires a control valve for diverting flow. Such applications include: diverting of the flow to hot water storage cylinders for priority switching, boiler hot water flow control for space heating with indirect domestic hot water heating, storage charging connection during no load conditions by means of a heat pump, fan coil bypass, solar storage or boiler space heating, and solar heat dissipation.

Performance Data:



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