

Job Name: _____

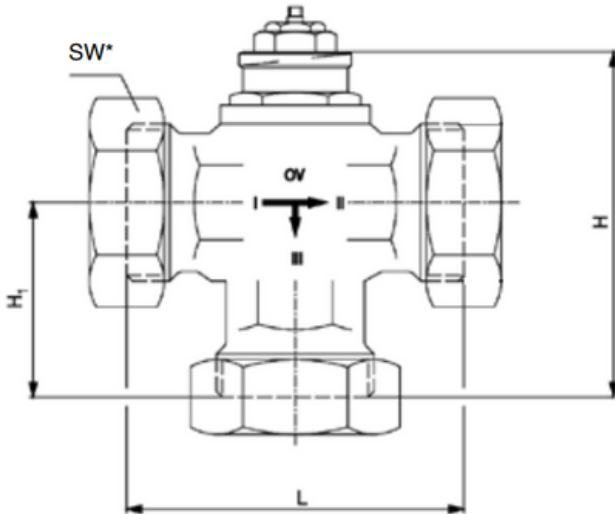
Submitted by: _____ Date: _____

Spec Section: _____

Job Location: _____

Engineer/Architect: _____

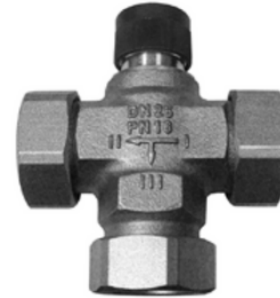
Approval: _____ Date: _____



Dimensions in Inches

Size	L	H	H ₁	SW*
3/4"	3.14	3.46	1.85	1.45
1"	3.54	3.58	1.96	1.81
1-1/2"	4.52	4.17	2.51	2.59

SW* = Spanner size



Product Description:

Oventrop three-way diverting valves have one inlet port and two outlet ports. Pressure waves are not produced during changeover and the volume of flow remains constant.

Specifications:

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)

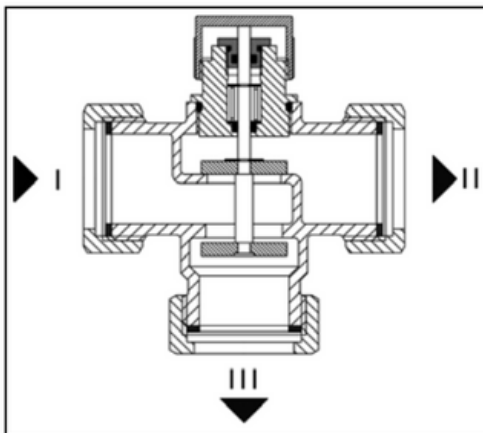
Maximum working pressure: 145 psi

Models:

3/4" diverting valve	113 02 06
1" diverting valve	113 02 08
1 1/2" diverting valve	113 02 12

Tailpiece sets for diverting valves:

3/4" set of three, solder connection for 3/4" valve	198 76 72
1" set of three, solder connection for 1" valve	198 76 73
1 1/4" set of three, solder connection for 1 1/2" valve	113 01 96
1 1/2" set of three, solder connection for 1 1/2" valve	198 76 75
3/4" set of three, NPT connection for 3/4" valve	170 60 06
1" set of three, NPT connection for 1" valve	170 60 08
1 1/4" set of three, NPT connection for 1 1/2" valve	170 60 10
1 1/2" set of three, NPT connection for 1 1/2" valve	170 60 12



Cut illustration

Mode of operation on actuator close	
Three-way diverting valve	Output switches from Port II to Port III

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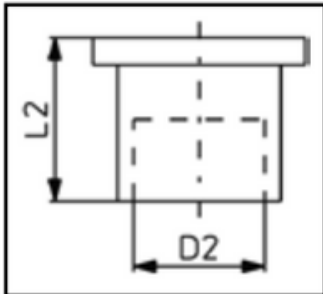
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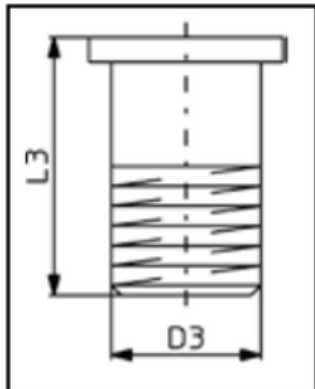
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Size	L2	D2
3/4"	0.90	0.875
1"	1.18	1.125
1 1/4"	1.57	1.375
1 1/2"	1.26	1.625



Solder tailpipes



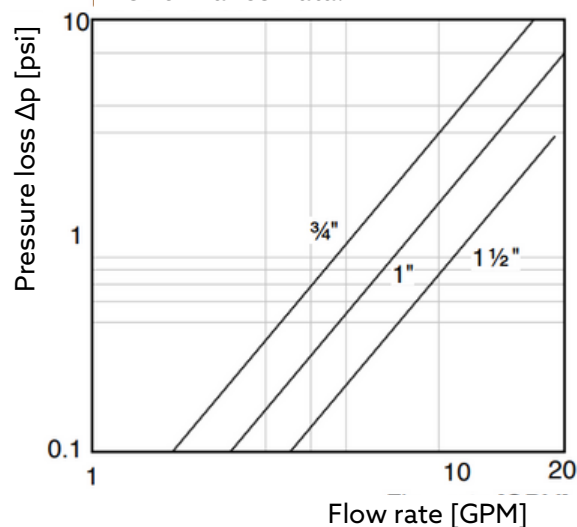
Size	L3	D3
3/4"	1.34	3/4
1"	1.60	1
1 1/4"	1.60	1 1/4
1 1/2"	1.60	1 1/2

Threaded tailpipes

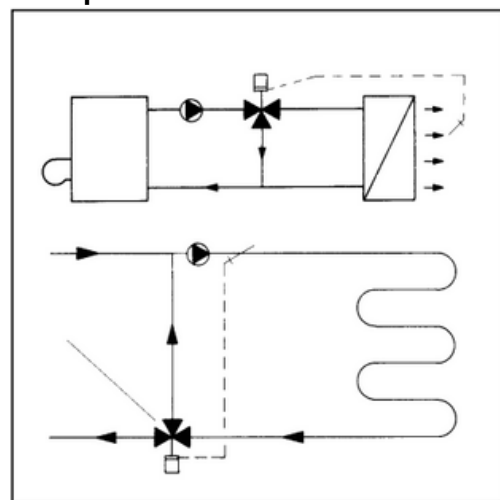
Applications:

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:



Example of installation:



Oventrop three-way diverting valve with non-electric thermostatic temperature controller 114 28 62