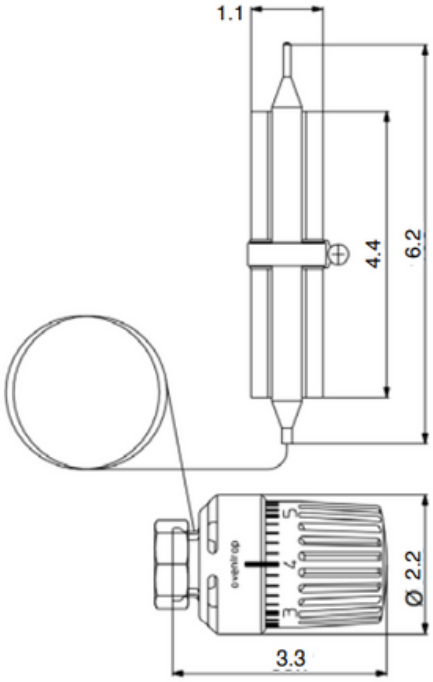
Temperature Controller with Contact Sensor and Transfer Unit
Non-electric Controller

Job Name: _____ Submitted by: _____ Date: _____

_____ Spec Section: _____

Job Location: _____ Engineer/Architect: _____

_____ Approval: _____ Date: _____



Specifications
Oventrop non-electric temperature controller, with contact sensor and heat transfer unit, capillary 6.6 ft. The control range may be limited and locked.

The non-electric temperature controller with contact sensor is used as a proportional set point control and can be used in many applications (e.g. water distribution and temperature control for boilers, fan coils, radiant floor heating, panel radiators, etc.).

Actuator connection thread M30x1.5.

Overheating reliability: 54 °F above set value.

For use with two- and three-way valves.

Not for outdoor use.

Item no.	Handwheel settings in approximate temperatures [°F]						
	1	2	3	4	5	6	7
114 28 62	86	95	104	113	122	131	140
114 28 63	104	113	122	131	140	149	158
114 28 64	122	131	140	149	158	167	176

Difference between the individual figures is approximately 9 °F.

Mode of operation on temperature rise	
Two-way valve	Valve closes
Three-way diverting valve	Output switches from port II to port III
Three-way mixing valve	Input switches from port B to port A

Models:

Temperature Controller 86-140 °F, 6.6 ft. capillary	**114 28 62**
Temperature Controller 104-158 °F, 6.6 ft. capillary	**114 28 63**
Temperature Controller 122-176 °F, 6.6 ft. capillary	**114 28 64**

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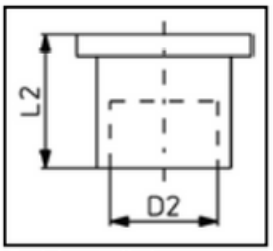
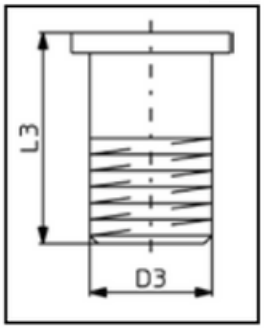
Three-way CTR Valve
Sizes ¾" to 1½"
Sweat and Thread Tailpieces ¾" to 1½"



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

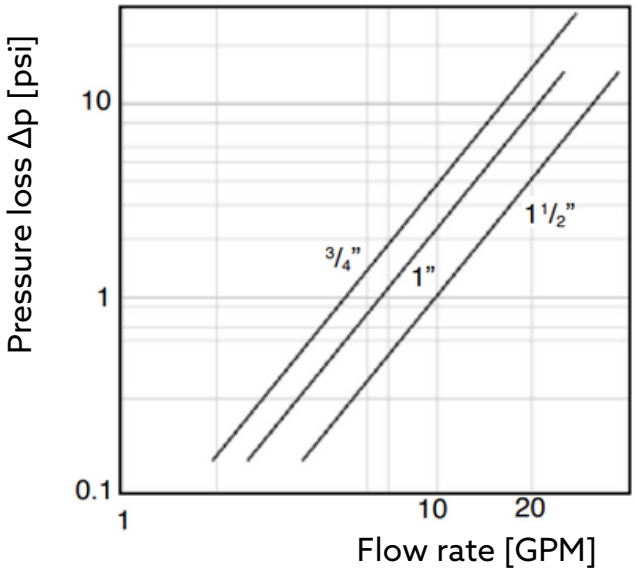


Threaded tailpipes

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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