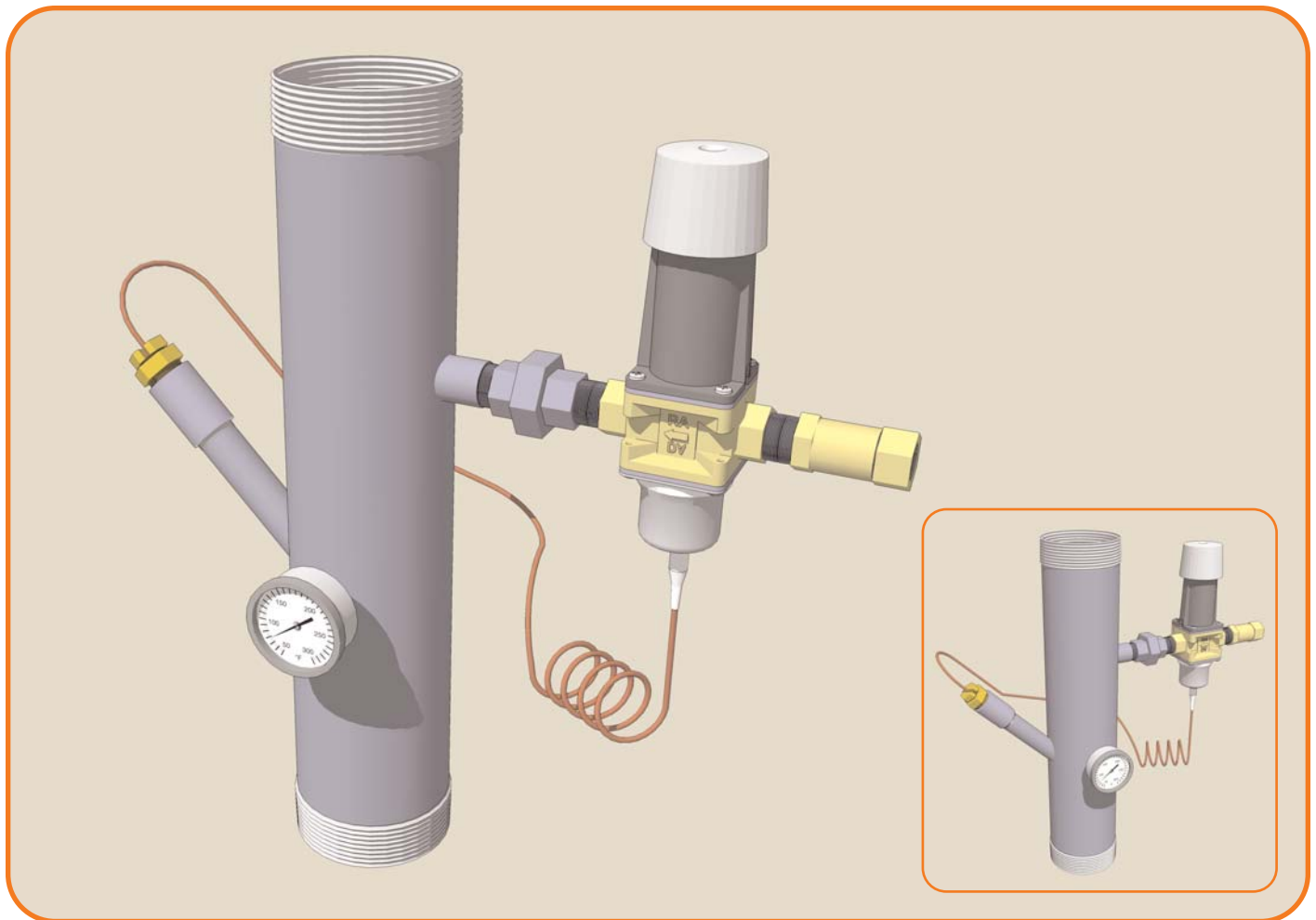


## Condensate After Cooler / Leg Assembly

Cemline Condensate After Cooler / Leg Assembly is designed to cool condensate or hot water.



The Cemline After Cooler assembly mixes hot water with cold water resulting in liquid temperatures acceptable for municipal sewage and per the local code. This packaged after cooler is perfect to be installed after a flash tank, blow down tank, or condensate receiver as condensate should be flashed before entering the condensate after cooler.

This unit is versatile as it can be supplied to be mounted either in a horizontal or vertical position.

The Cemline After Cooler is supplied with check valve, cooling valve, and thermometer. The self-acting thermostatic cooling valve can be field adjusted to the desired set point between 77°F and 150°F. The valve opens as temperature increases on the bulb.

### Standard Items

- After Cooler Leg
- Check Valve
- Cooling Valve (1/2", 3/4", and 1")
- Thermometer

### Optional Features

- Larger Cooling Valve (1-1/4", 1-1/2, or 2")

# AC Series

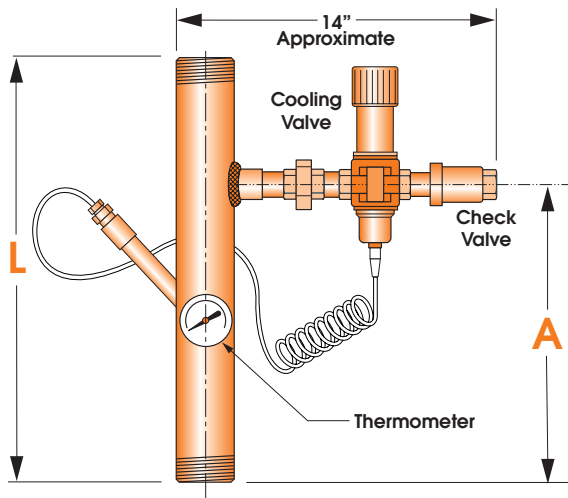


## Sizing Chart

Cooling Valve Size	Cv	Hot Water Temperature							
		180°F		212°F		250°F		300°F	
		Hot Water (GPM)	Total Flow (GPM)	Hot Water (GPM)	Total Flow (GPM)	Hot Water (GPM)	Total Flow (GPM)	Hot Water (GPM)	Total Flow (GPM)
1/2"	2.2	16	23	8	15	5.5	12.5	4	11
3/4"	4.0	30	43	16	29	11	24	7	20
1"	6.4	45	65	25	45	16	36	11	31
1-1/4"	12.5	88	127	49	88	32	71	22	61
1-1/2"	14	99	143	55	99	36	80	25	69
2"	20	142	205	79	142	52	115	35	98
2-1/2"	26	185	267	102	184	67	149	46	128

The above information is based upon cooling the water to 140°F mixing 50°F cold water and assuming a 10 psi drop across the cooling valve.

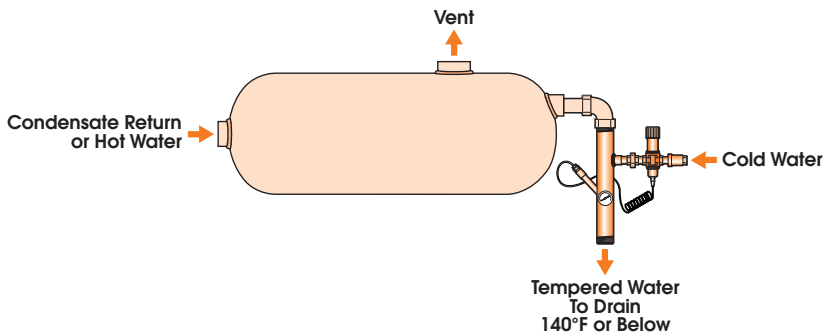
## Dimensional Data



Model	L	A	Inlet / Outlet B	Cooling Valve Size
AC-2	18"	12"	2" M.N.P.T.	1/2"
AC-2.5	18"	12"	2-1/2" M.N.P.T.	1/2"
AC-3	18"	12"	3" M.N.P.T.	1/2"
AC-4	15"	11"	4" FLG.	3/4"
AC-6	15"	11"	6" FLG.	1"

## Typical Installation Drawings

### Condensate After Cooler



### Condensate After Cooler mounted on vertical flash tank

