

# Condensate Tank



Condensate return systems are available from  
30 to 1,200 US gallons capacity as standard units.  
(See dimension chart on reverse side)

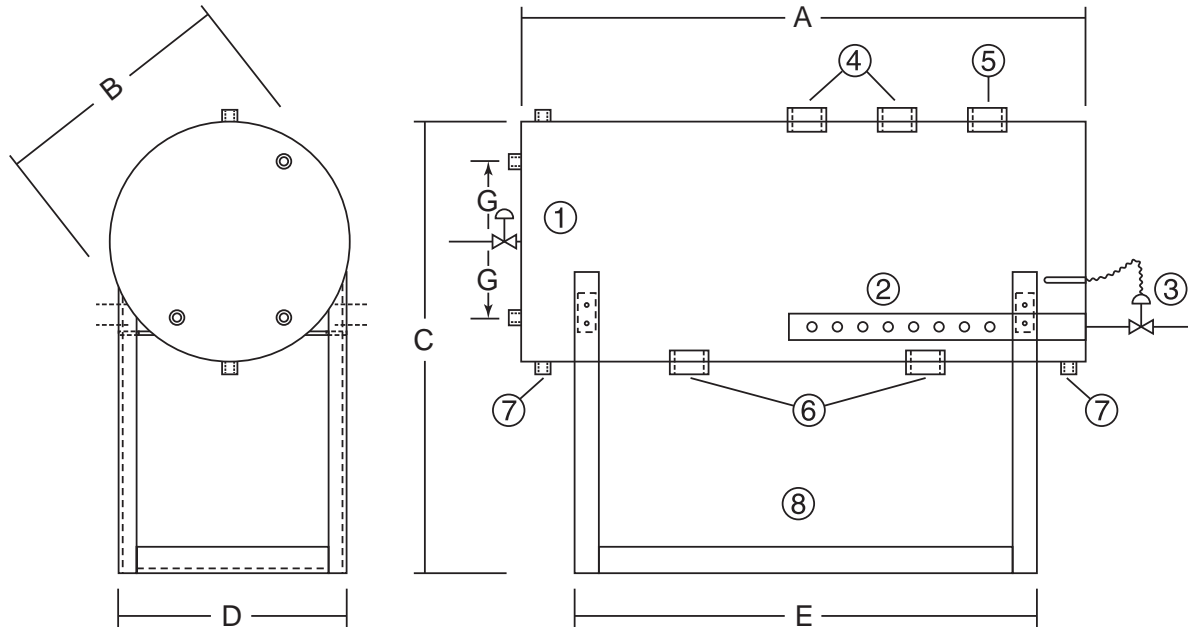
Condensate transfer systems also available upon request.

Capacity – 30 to 1,200 US gallons capacity.

Pressure – Atmospheric.

Deaerators – Packaged feedwater deaerators also available from  
5,000 PPH to 250,000 PPH capacity.

## Condensate Tank Dimensions



- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>1. Make-up Control Valve and Float Assembly (specify type required)</li> <li>2. Sparge Tube Steam Heater (optional)</li> <li>3. Condensate Temperature Control Valve (optional)</li> <li>4. Condensate Return Connections</li> </ul> | <ul style="list-style-type: none"> <li>5. Vent</li> <li>6. Feedwater Pump Suction Connections</li> <li>7. Drain Connections</li> <li>8. Boiler Feedwater or Condensate Transfer Pumps (specify type required)</li> </ul> |
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### Performance Data, Sizes and Dimensions\*

Capacity US gallons	A	B	C	D	E
30	30"	14"	41"	19"	30"
60	36"	23"	50"	22.5"	36"
100	48"	25"	60"	23.5"	48"
200	60"	32"	75"	30"	50"
250	60"	36"	80"	34"	50"
350	60"	42"	80"	40"	50"
500	84"	42"	90"	40"	74"
750	84"	52"	112"	50"	74"
1,000	120"	50"	110"	48"	110"
1,200	120"	55"	115"	53"	110"

## recommendations

The water content of the condensate tank must be about 1/6 of the maximum evaporation of the boiler(s), which covers a minimum of 10 minutes of evaporation.

When the volume of the system is above average, the return is slow to come back to the tank or when the water needs to be heated, the tank must have a

larger volume covering 20 to 30 minutes of operation. The water must be heated when below 82°C (180°F), the heater capacity will increase proportionally to the percentage of make-up water.

Consult your Volcano representative for specific details regarding proper tank sizing, feedwater or transfer pump selection, and control panel options.

\*The descriptions and specifications contained in this brochure are approximate and were in effect at the time of printing. Thermogenicspolicy is one of continuous improvement and update. Changes to specific models may occur at anytime without notice or incurring any obligation.

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