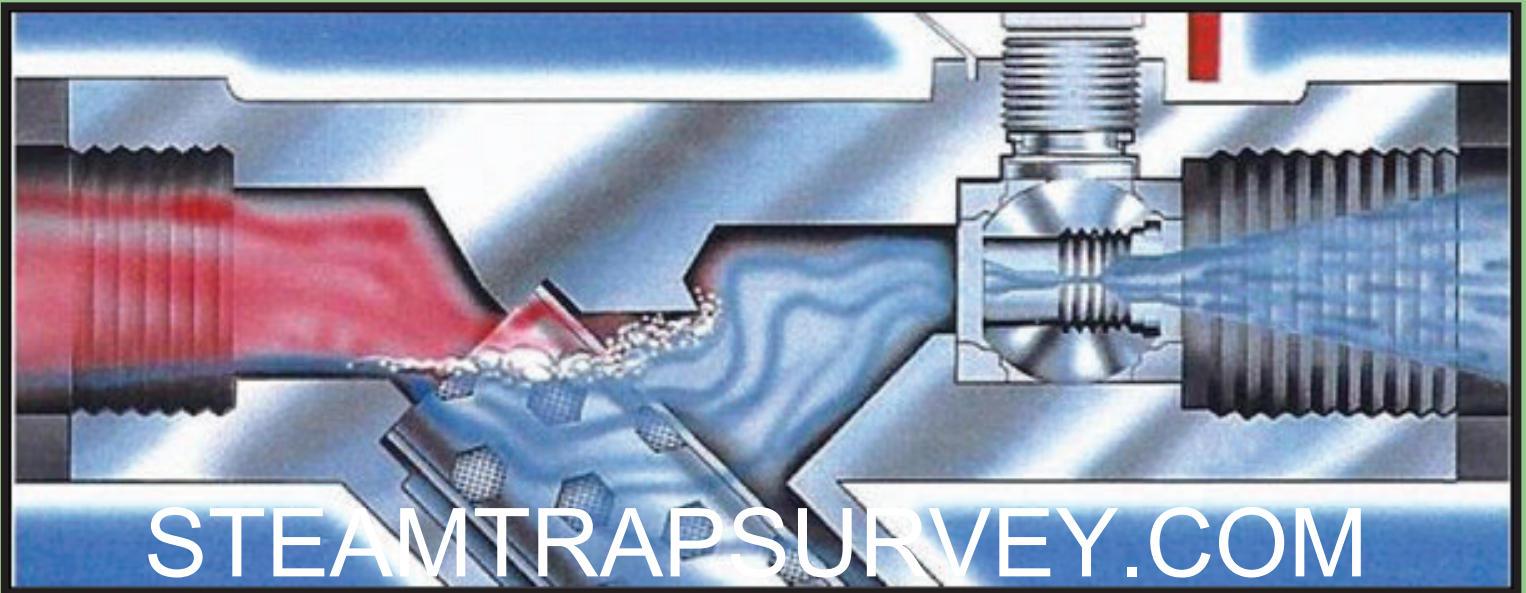
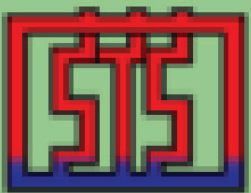


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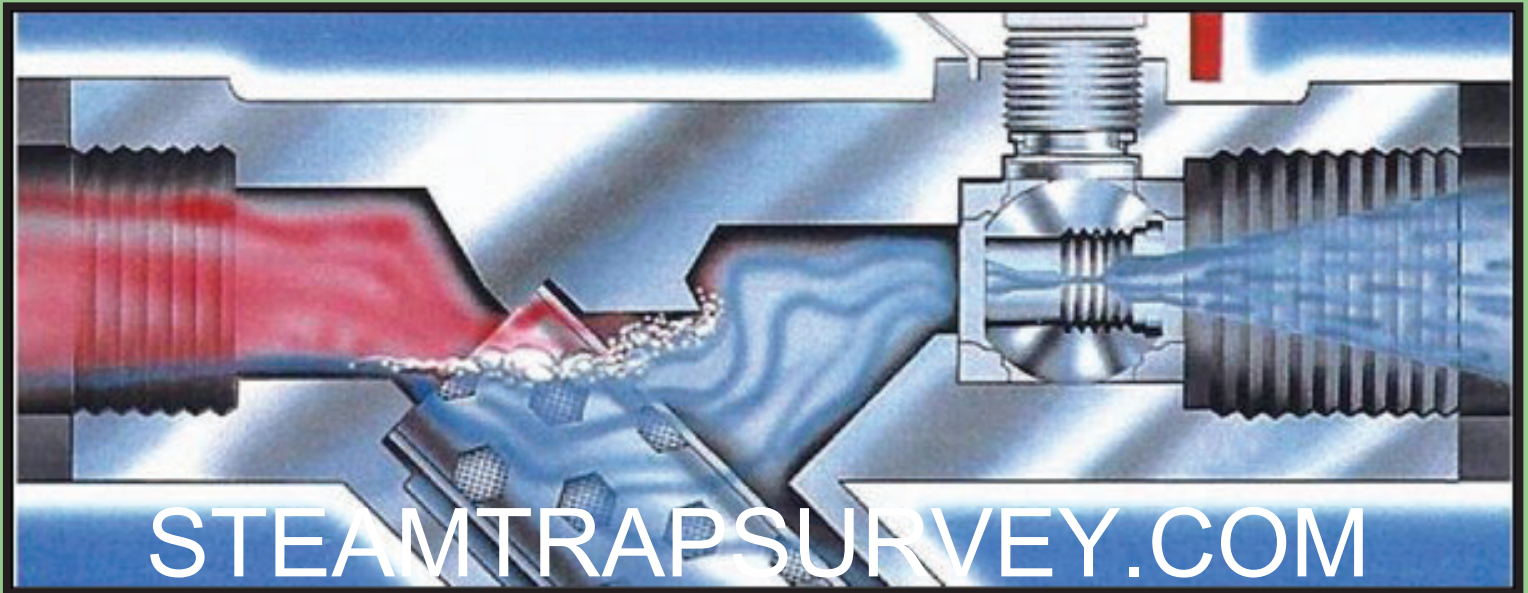
A venturi trap has
no moving parts.



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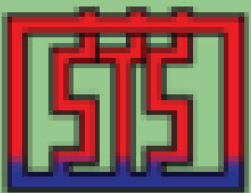
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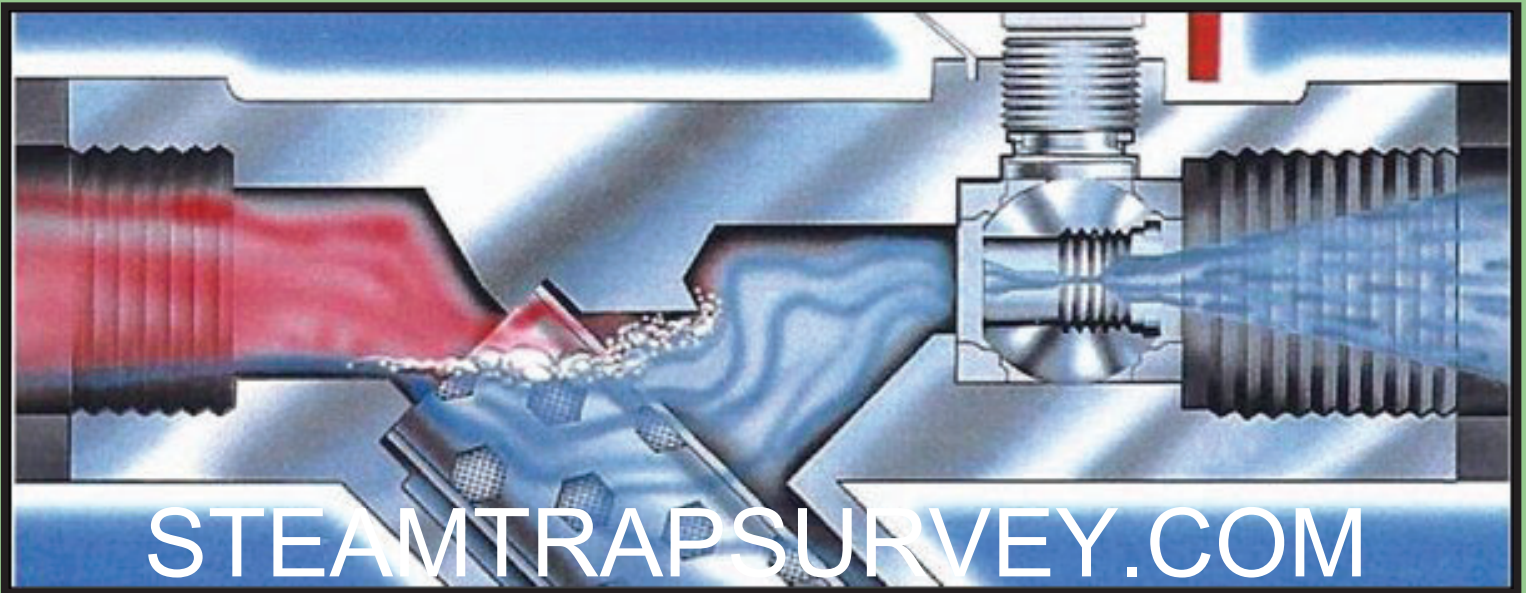
At 100% condensate load its orifice is completely filled with condensate which prevents steam loss.



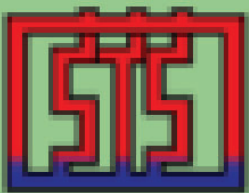
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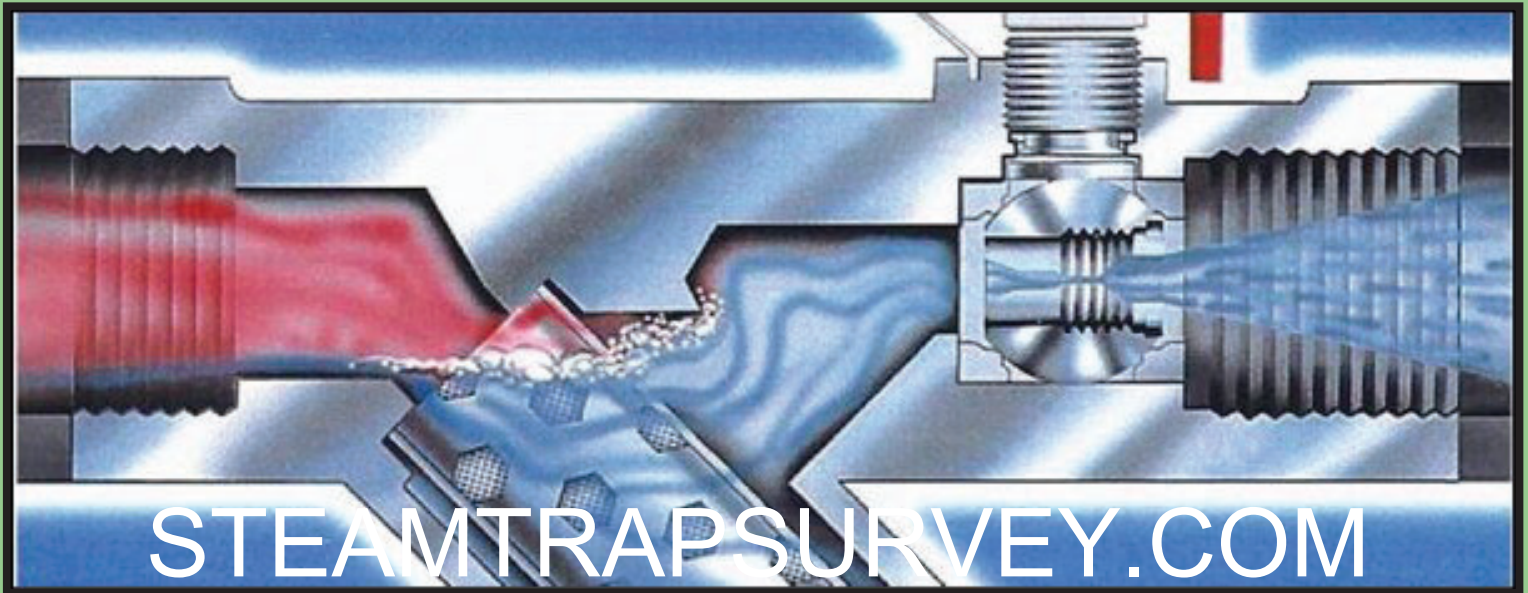
According to the principle of two-phase flow, when the condensate load drops below 100%, the condensate stream is a mixture of equal volumes steam and water.



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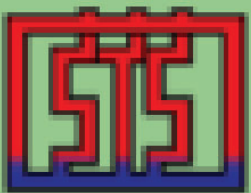
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For example:

Saturated steam at 100 psig has a volume of 3.88 cu. ft./lb. while condensate at the same pressure has a volume of 0.017850 cu. feet./lb.



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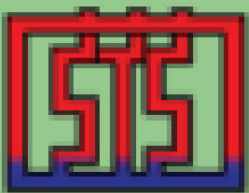
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Sizing is critical for each application. If sized correctly and installed in the proper application, steam loss can be similar to a new Inverted Bucket and Thermodynamic steam trap.



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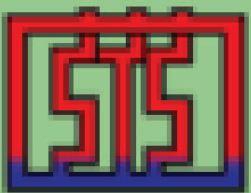
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If sized incorrectly
and/or installed in an
improper application,
steam loss can be large as
a failed open steam trap.



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