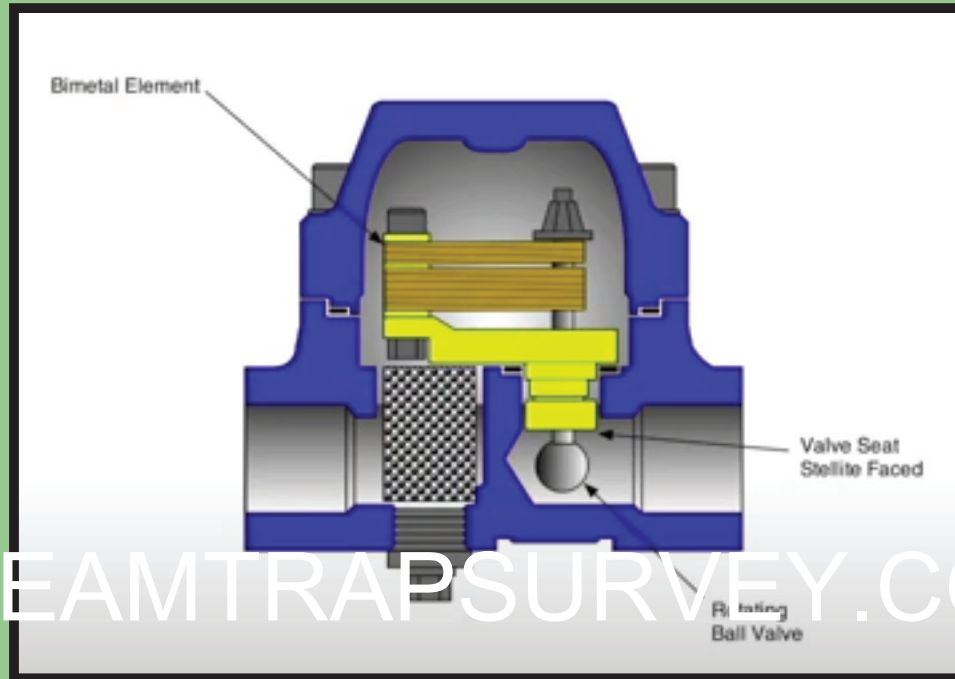
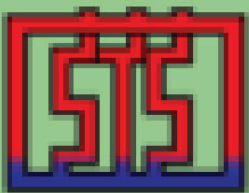


# THERMOSTATIC MULTI-SEGMENTED BIMETAL



The bimetallic steam trap offers an efficient alternative to conventional steam trap designs.



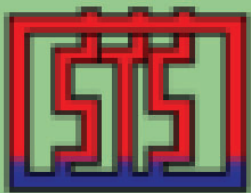
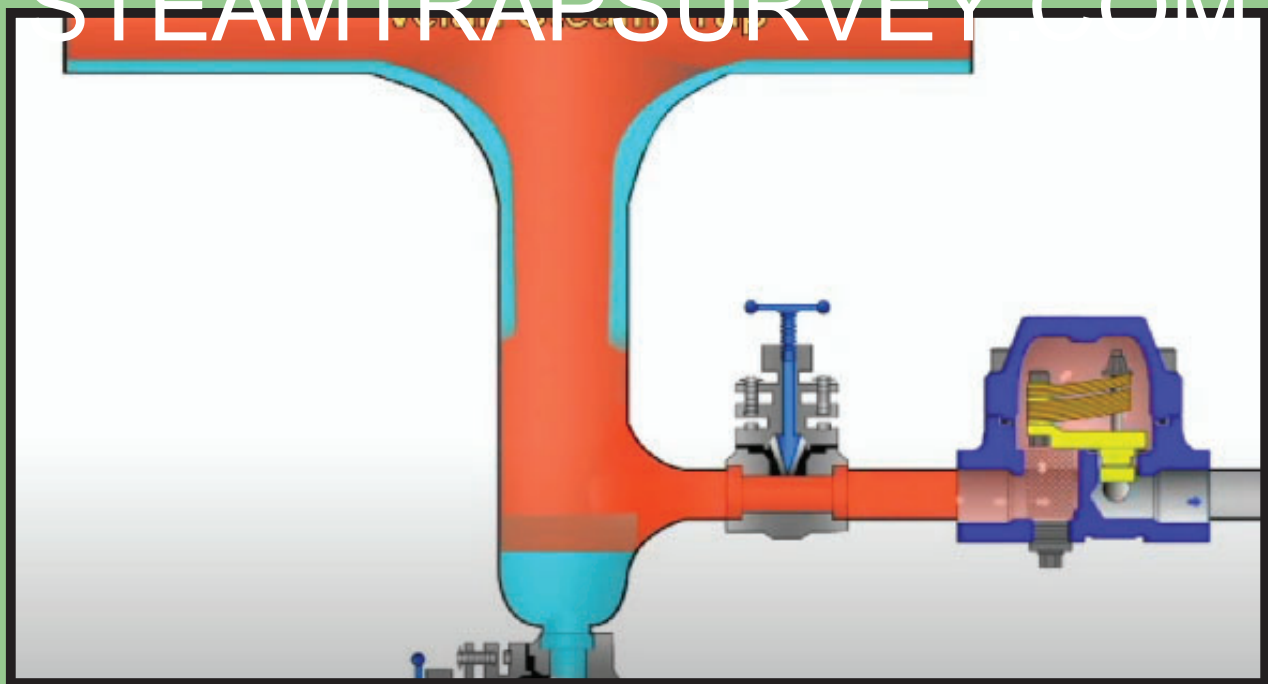
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# THERMOSTATIC MULTI-SEGMENTED BIMETAL

Operating on a thermostatic principle, this steam trap requires no more energy to function than is present in the steam/condensate that collects at the drain point.

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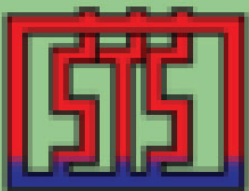
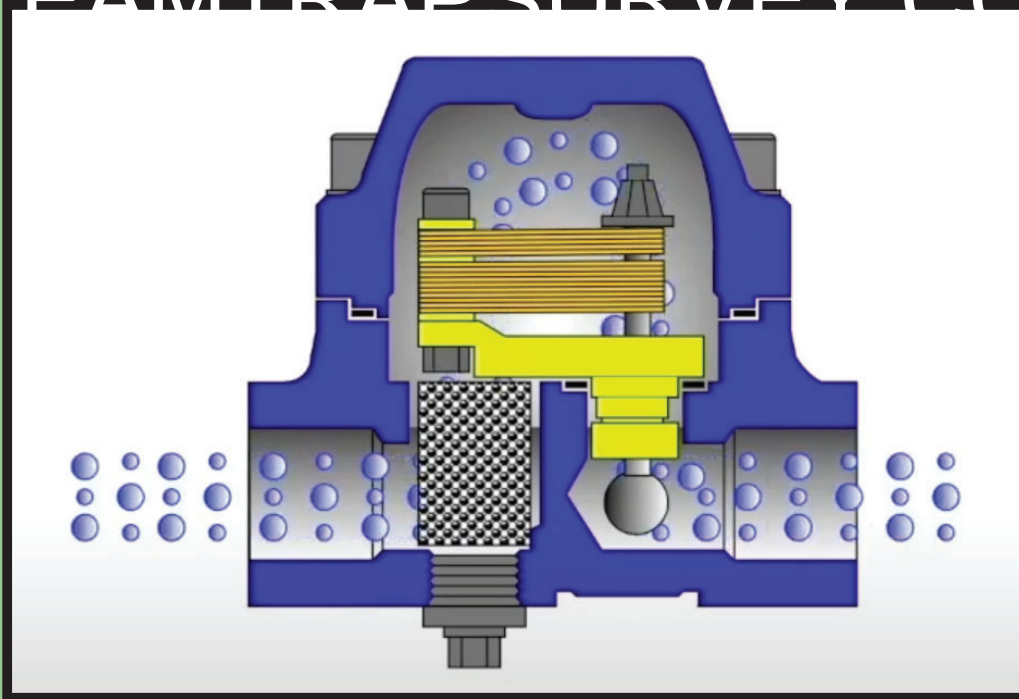
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# THERMOSTATIC MULTI-SEGMENTED BIMETAL

At ambient temperature, the bimetal element is relaxed, and the valve is open wide, allowing for rapid discharge of cold condensate and non-condensable gases at start up.

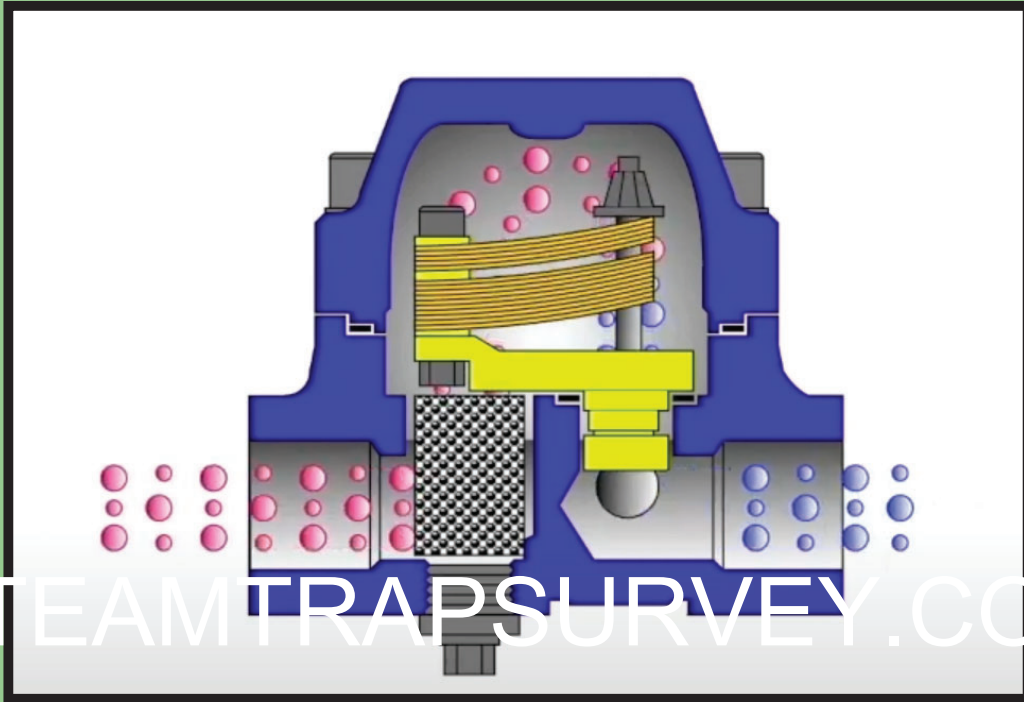
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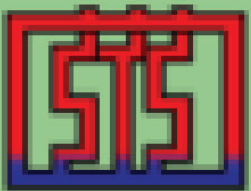
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# THERMOSTATIC MULTI-SEGMENTED BIMETAL



As the temperature of the condensate increases, the bimetal element pulls the valve closed.



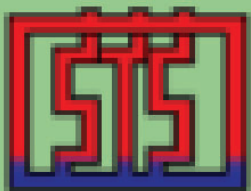
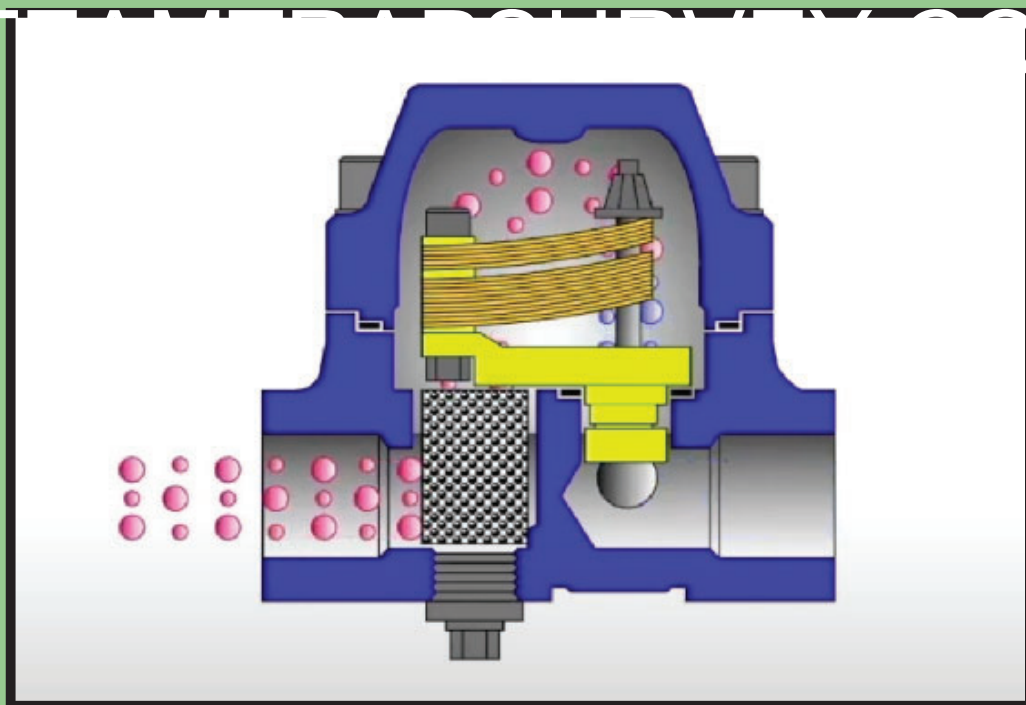
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# THERMOSTATIC MULTI-SEGMENTED BIMETAL

In the presence of live steam, the valve remains tightly closed.

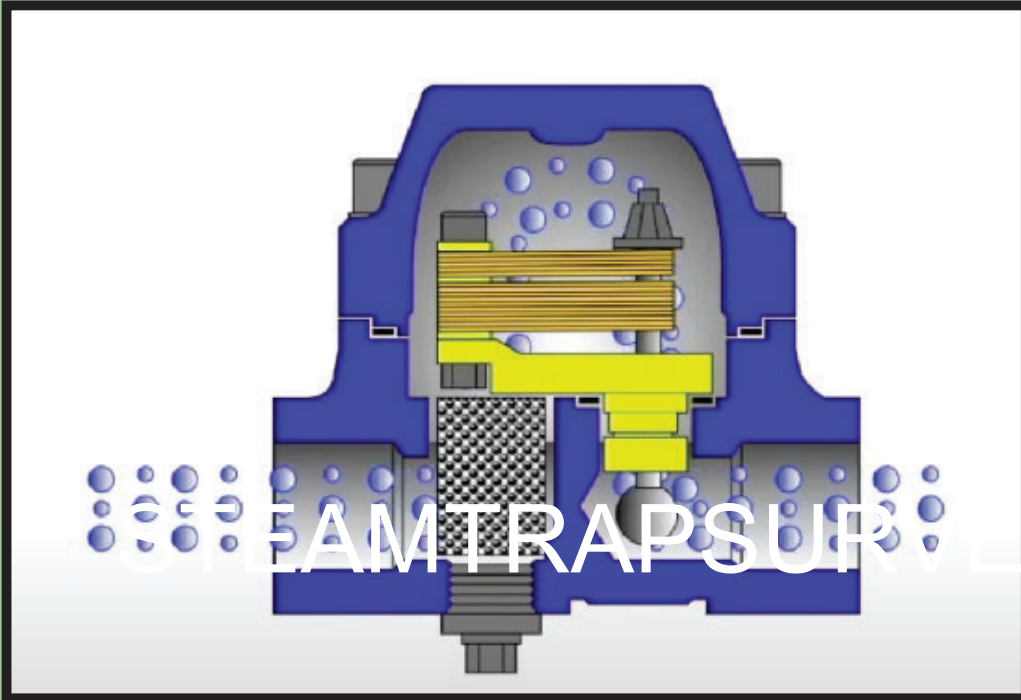
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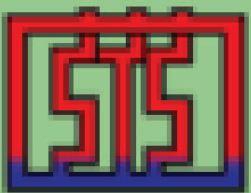
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# THERMOSTATIC MULTI-SEGMENTED BIMETAL



When the condensate in the line cools slightly, the line

pressure overcomes the closing force of the bimetal and condensate discharge resumes.

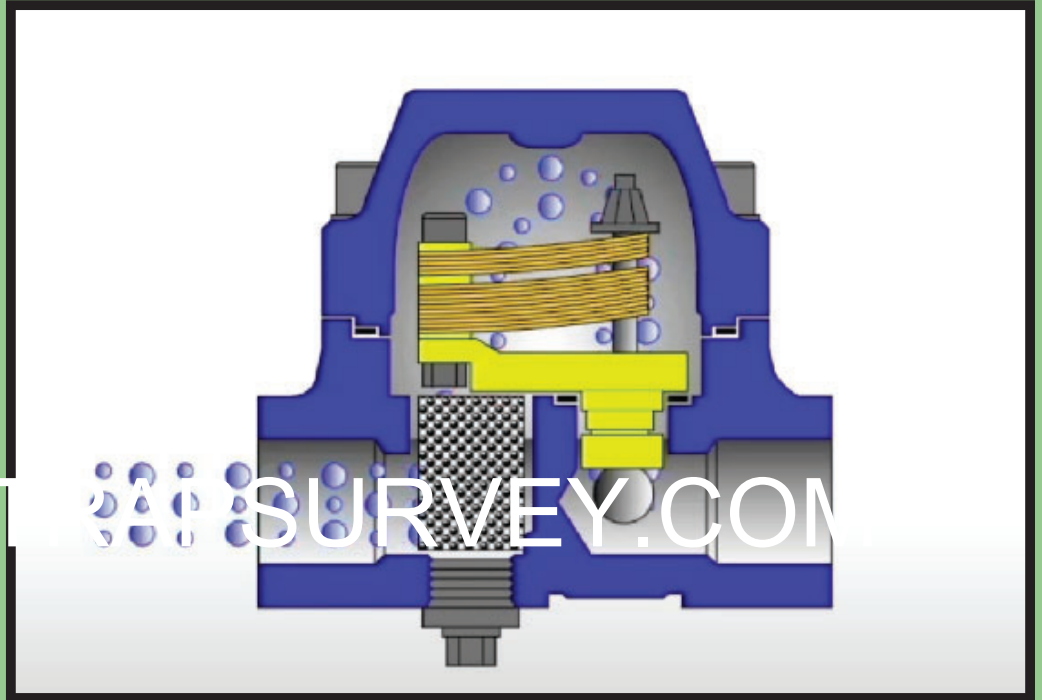


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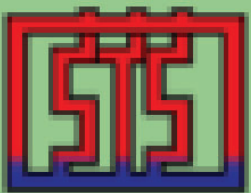
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# THERMOSTATIC MULTI-SEGMENTED BIMETAL

In the event  
of a sudden  
drop in  
upstream  
pressure, the  
valve and



the seat arrangement act as a check valve  
preventing reverse flow in the system.



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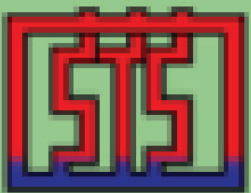
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# THERMOSTATIC MULTI-SEGMENTED BIMETAL



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This picture shows the lazy flash steam from a bimetal element's continuous condensate removal.



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