

Does Your Plant Look Like This? If So, Your Steam Traps Have Failed.



Utility Plant Solutions is proud to represent GEM Venturi Steam Traps along with Thermal Energy International heat recovery products and Engineering providing our customers with energy efficient products and services.

Utility Plant Solutions tested several of the GEM steam traps in comparison with several other leading manufacturers of steam traps to verify the efficiencies and operating characteristics. Using the test rig shown below along with ASME test procedures for measuring BTU's in the condensate we were able to confirm that even when

using a new mechanical trap compared to the GEM trap that the GEM trap consistently out-performed with a minimal 5-10% increase in efficiencies.

Utility Plant Solutions has also found that the GEM steam traps are a great application where there are no dedicated high pressure drip lines. The function of the trap with the Venturi technology allows the trap to discharge with very little flash steam effect in the pumped condensate lines, making a great application for man holes, tunnels, and anywhere there is not a dedicated high pressure drip line.



GEM Venturi Steam Traps

- *Permanent energy savings: 10% to 30% reduction in steam costs*
- *Excellent return on investment: Payback typically ranges from 1 to 2 years*
- *Ultimate reliability: 10 year No-Fail Performance Guarantee*
- *Increased production: Faster system warm up = quicker batch times*
- *Minimal maintenance: No moving parts = no trap failures = minimal downtime*
- *Increased safety: No water hammer or condensate back-up from failed traps*
- *Greater control of heat output: Self-regulating vs. opening and closing of mechanical trap valves*
- *Superior service: GEM steam traps are individually sized for your requirements*



Utility Plant Solutions

*Over 20 years of experience in Steam and Chill
Water Plant Operations and Maintenance*

