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 CIN NO : AAJ-2931

COMPARISON BETWEEN "ARISTI" VENTURI STEAM TRAPS AND CONVENTIONAL TRAPS

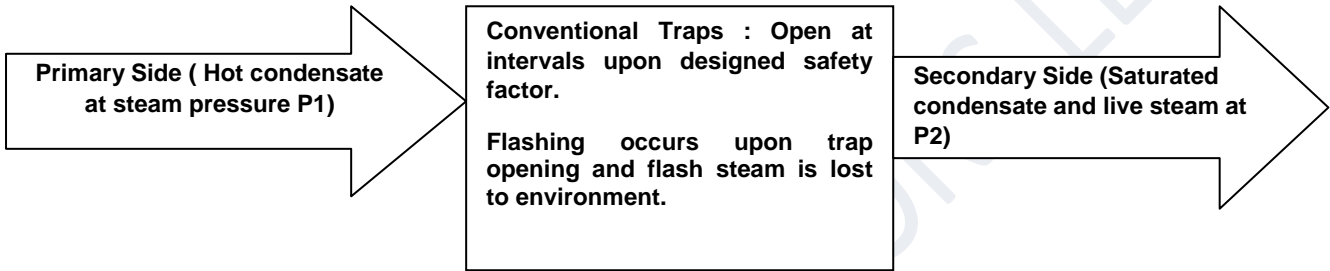
Parameters	ARISTI Venturi Nozzle Traps	Conventional Traps
Material of construction	SS 304 and SS 316 (Optional)	Variable material of construction (MS to SS).
Mode of operation	Continuous and consistent operation where condensate is discharged as soon as it reaches the trap.	Intermittent (TD and IB Trap) Continuous (Float Ball Type)
Trap capacity	Customized capacity to suit particular location.	Pre defined capacity for all locations.
Moving parts	No moving parts.	Always contain moving parts (disc , float or bucket).
Flash steam recovery	Yes, flash steam is recovered in trap itself unlike any other trap.	No provision possible.
Reliability	Always open.	Poor reliability (moving part can stop performing any instance)
Durability	30 - 40 + Years	3-4 years (However, Trap failure may occur anytime)
Maintenance	No maintenance required.	Maintenance is required at regular intervals.
Corrosion resistance	Excellent ; since continuous operation assures minimum residence time of condensate in trap.	Poor; since MOC is variable and condensate residence time is longer.
Energy Efficiency	More than 25 % energy efficient than conventional traps.	Not Applicable
Carbon Emissions	Sustainable development by reduced carbon emissions.	Not Applicable
Insurance Cover	USD 1 million for each trap.	No provision.
Savings over life span	Recovers initial investment cost within 12-18 months and saves over its life span.	Losses throughout life span.
Savings in fuel consumption	Guaranteed savings in fuel consumption	Not Applicable



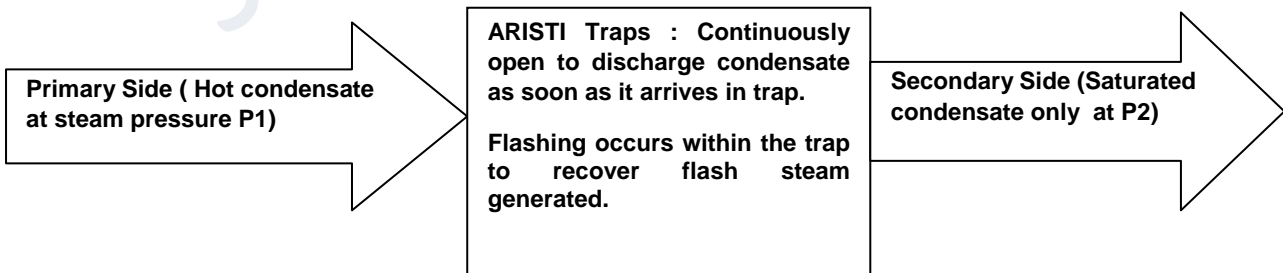
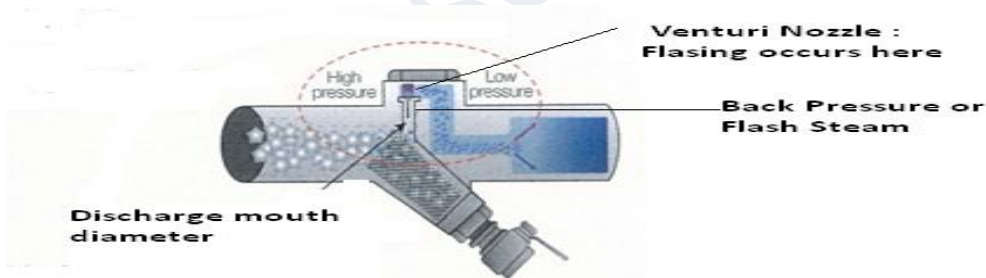
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CONVENTIONAL STEAM TRAPS



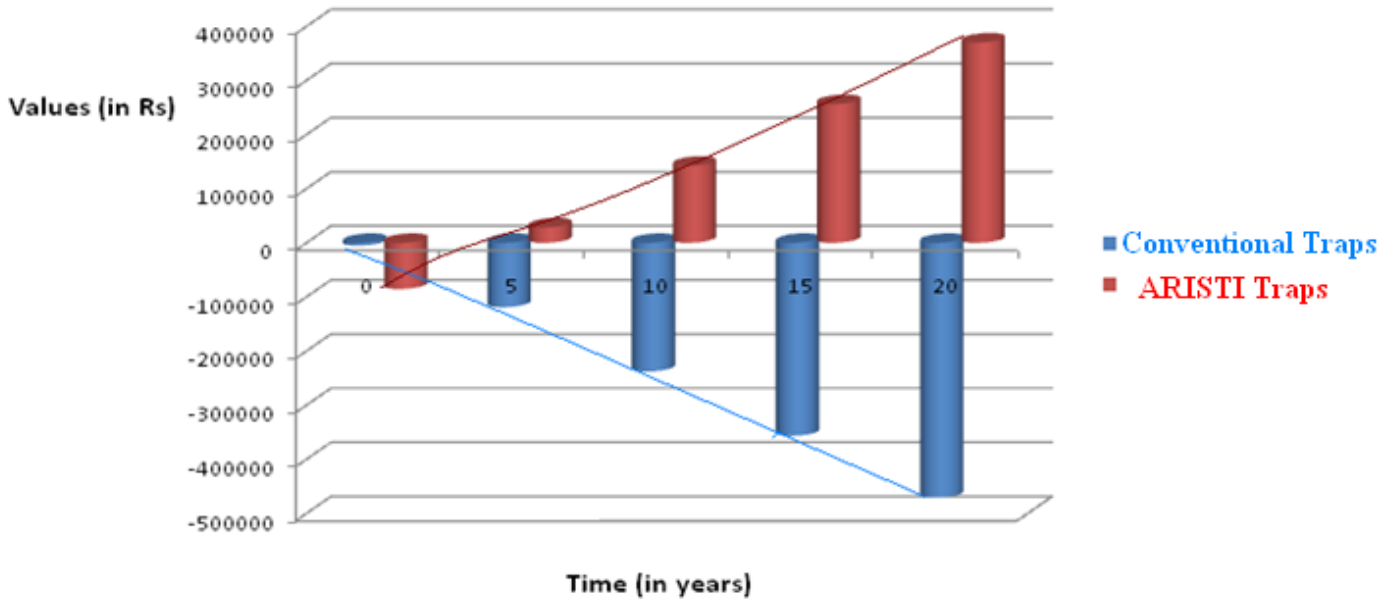
ARISTI VENTURI STEAM TRAPS





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The above graph depicts performance of conventional traps and Aristi Venturi traps throughout their service life. Conventional traps operate in consistent with time, don't recover flash steam and also there is live steam leakage associated with traps(Thermodynamic and Inverted Bucket).The losses continue to amplify upon service life due to wear and tear of moving parts.

The Aristi traps once set will start saving from the very first hour of operation. The unique venturi design provides consistent performance, complete reliability and higher energy efficiency. There are no steam losses associated with Aristi traps over the service life.

TEXTILE COMPANY USING CONVENTIONAL TRAPS



Conventional Traps : Huge flash steam cloud

TEXTILE COMPANY AFTER INSTALLING VENTURI TRAPS



ARISTI Traps : No flash steam clouds due to flash steam recovery



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Toward the construction of a sustainable society

By reducing steam consumption,
we can **Reduce fuel cost**
& **CO₂ emissions.**