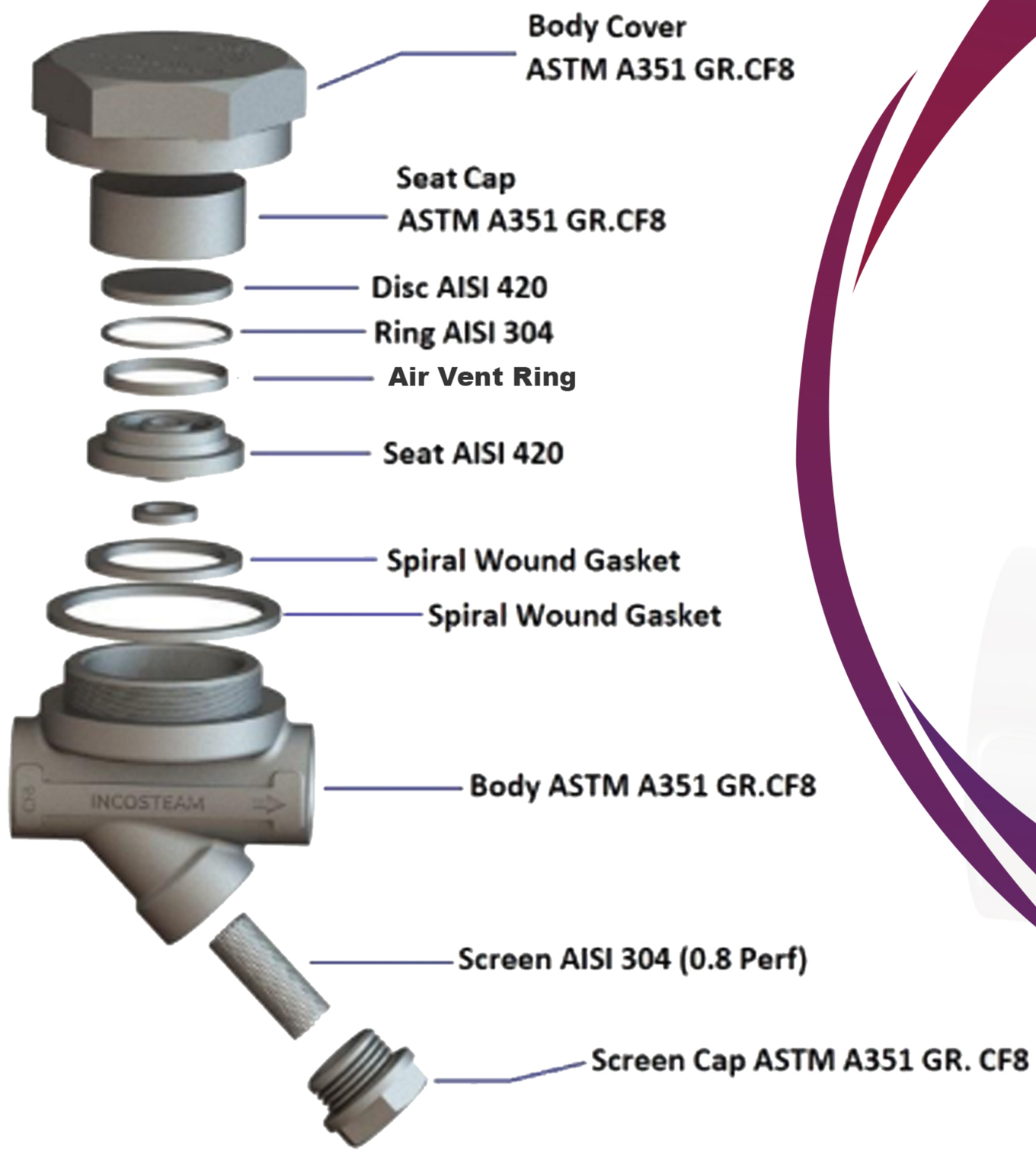
Incosteam

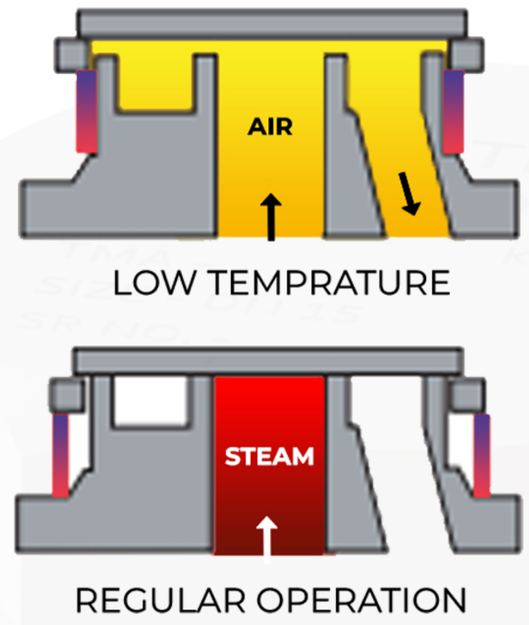
Conserving Energy, Preserving Tomorrow

INCOMPARABLE THEREMODYNAMIC STEAM TRAP

Let’s redefine energy conservation and pave the way for a world where efficiency and environmental responsibility go hand in hand.

CUT SECTION





Bimetal Air Vent Ring swiftly vents traps for rapid startups, eliminating air binding without the need for manual blowdown.

- Clearly illustrates the maintainable design of the TD trap.

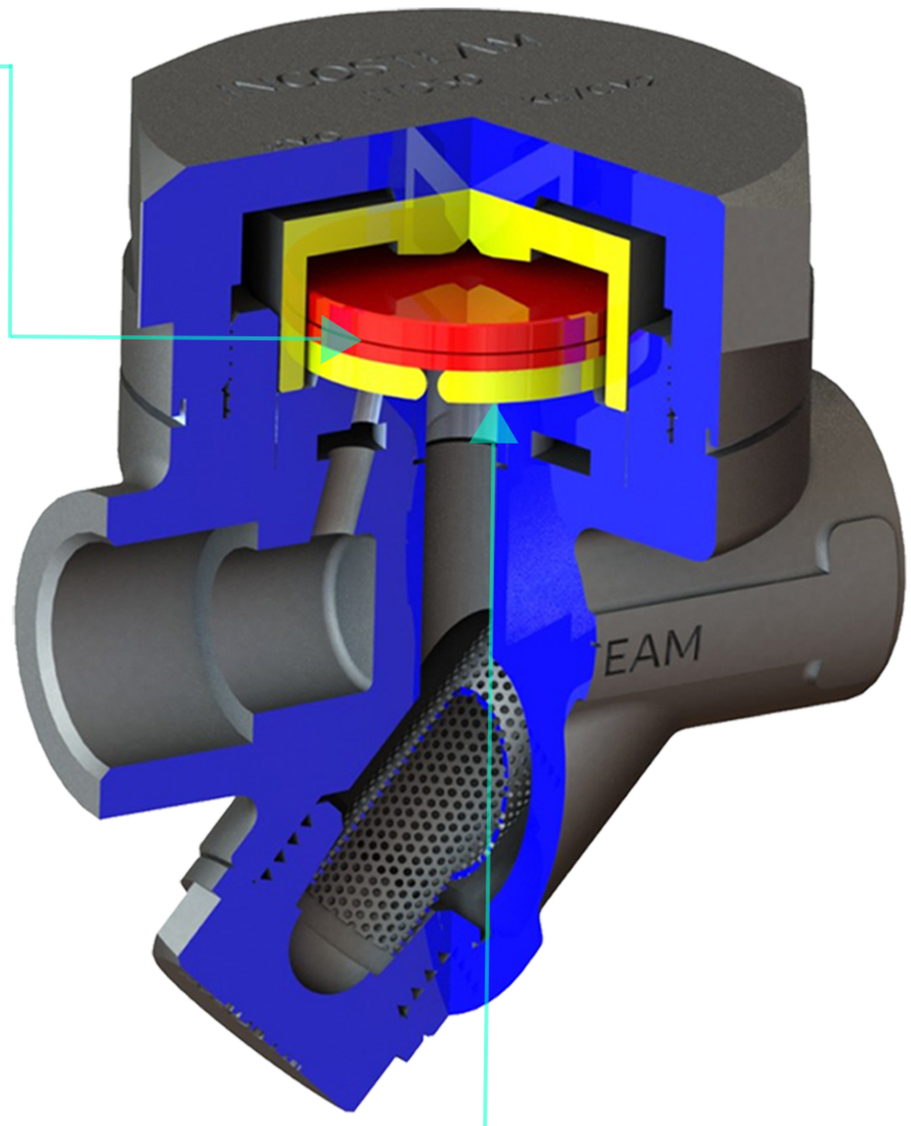
- We can clearly see the differentiating features of Air Venting, Insulation Cover, which makes the trap highly efficient, easy to maintain with a long life.

FEATURES & BENEFITS

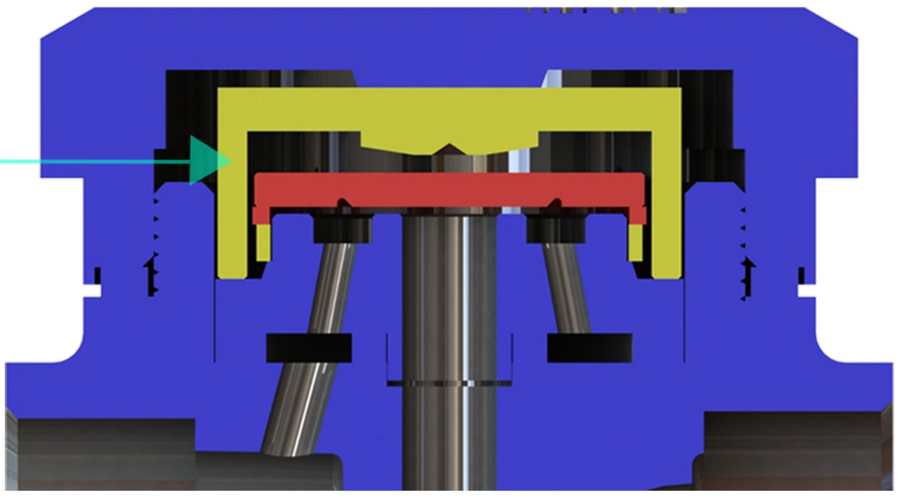
Air Venting
Ensures Quicker Startup and improved thermal efficiency of the plant. Ensures zero air binding and no manual blowdowns are required.

MOC – SS 304
Robust, Long Life

Maintainable
Easy to Maintain and Higher Uptime.
Life of the Trap equals life of the Plant.

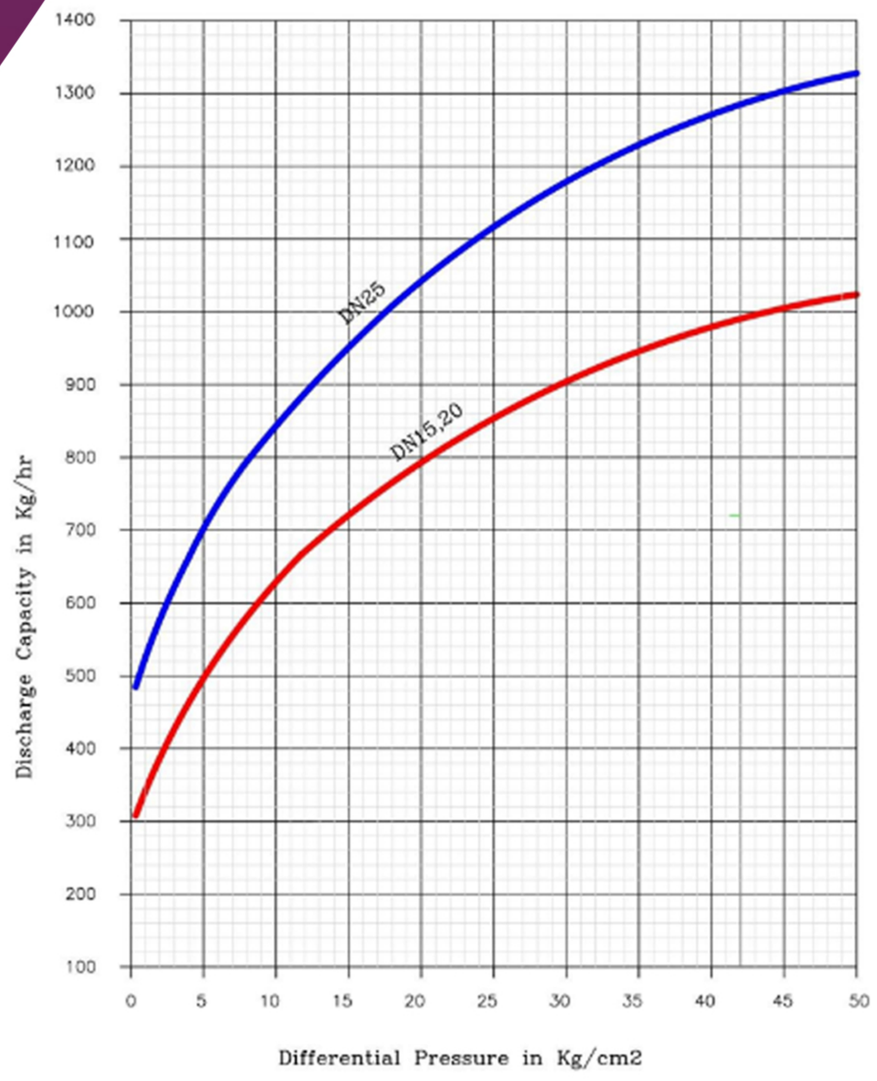


Four Port Design
Superior Trap Performance



Inbuilt Jacketing
Weatherproof, trap performance remains the same during adverse weather conditions, leading to increased operational efficiency and reduced steam loss.

CAPACITY CHART



- The graph show the Discharge capacity for TD Trap for different Differential Pressure.
- The graph shows Capacities for different size traps.
- Discharge capacity is indicated in Kg/hr of condensate.

DIMENSIONAL TABLE

MODEL	SIZE	LENGTH (mm)L	HEIGHT (mm)H	WEIGHT KG (APPROX)
ITD 50	DN 15	75	92	1.0
	DN 20	80	101	1.2
	DN 25	96	119	1.5

BODY DESIGN CONDITIONS #600

MAX. ALLOWABLE PRESSURE - 101 Kg/cm²(g) AT ROOM TEMP.

MAX. ALLOWABLE TEMPERATURE - 538 °C AT 49.8 Kg/cm²(g)

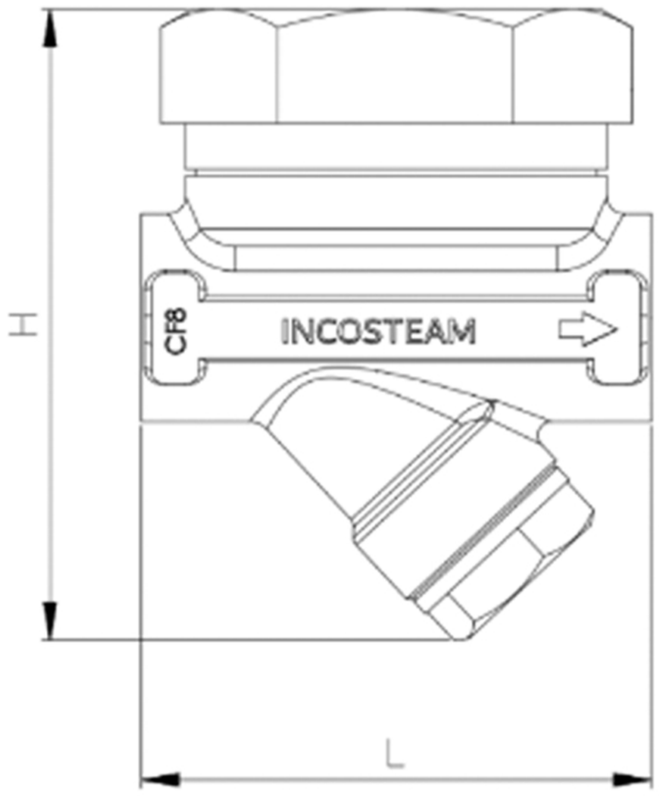
MAX. OPERATING PRESSURE - 49.8 Kg/cm²(g) AT 538 °C.

MAX. OPERATING TEMPERATURE - 538 °C.

COLD HYDRAULIC PRESSURE - 151.5 Kg/cm²(g)

MINIMUM OPERATING DIFFERENTIAL PRESSURE - 0.25 Kg/cm²(g

MAXIMUM BACK PRESSURE SHOULD NOT EXCEED - 80% OF INLET PRESSURE



INSTALLATION & MAINTENANCE

- Trap to be installed with adequately sized drain pocket.
- Before commissioning the trap, ensure that the bypass valve is open for adequate time so that proper flushing of steam line is achieved.
- The trap is provided with the arrow for proper installation.
- Ensure back pressure is less than 80% of the steam inlet pressure.
- During maintenance of the trap, the valve before the trap is closed.
- Cleaning of seat, disc & strainer screen to be done periodically.
- If the trap leaks steam, replace the disc & seat from the spare kit

About Us

Incosteam International is a leading solution provider supplying Energy Conservation steam products for the process industries.
As pioneers in the realm of energy conservation, we take pride in revolutionizing the way industries harness and preserve energy. Our mission is simple yet impactful to engineer a sustainable future by providing cutting-edge steam solutions. Established with a vision to reshape energy efficiency, we specialize in the manufacturing of state-of-the-art steam products. At Incosteam, we understand the crucial role steam plays in various industrial processes. Our meticulously crafted steam solutions not only ensure optimal performance but also contribute significantly to environmental conservation. What sets us apart is our unwavering commitment to innovation. Our team of dedicated engineers works tirelessly to develop and refine steam products and solutions that redefine industry standards. We believe in pushing boundaries and constantly strive to exceed expectations, providing our clients with solutions that are not just efficient but also cost-effective.

Incosteam – Conserving Energy, Preserving Tomorrow.

Get in Touch

www.incosteam.com

+91-8055813179

A/P - Dehu,Gat No. - 73, Parandwal Chowk, Bypass Road, Vitthaalwadi, Tal - Haveli,Dist.-Pune, Pin- 412109