

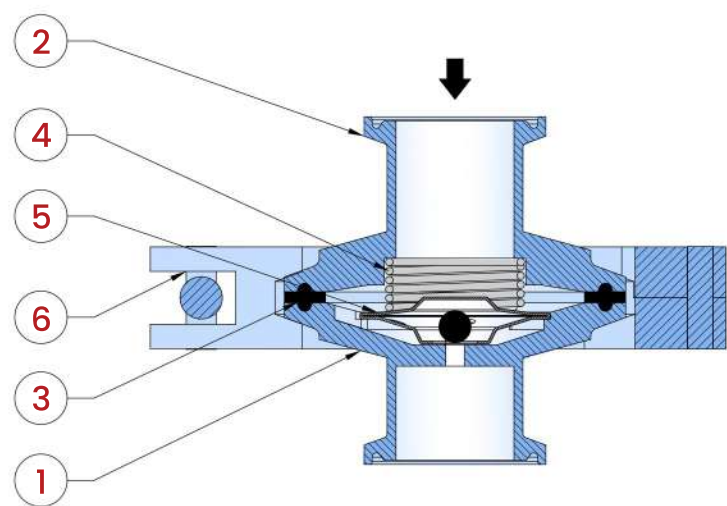


# **INCOMPARABLE CLEAN STEAM TRAP ICST10 DN15, 20, 25**

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

# CUT SECTION

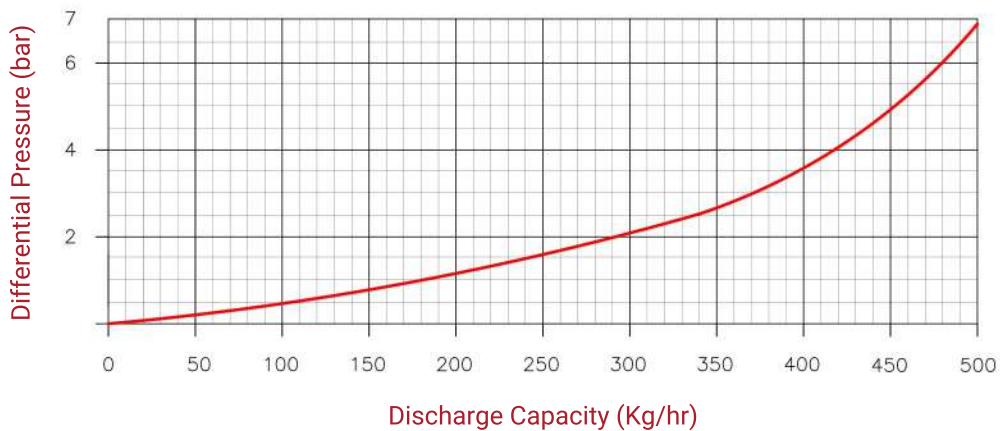
Clean Steam Traps are specialized components used in systems where maintaining steam purity is crucial, such as in the pharmaceutical, food processing, and biotechnology industries. They ensure the efficient removal of condensate while preventing contamination.



NO	DESCRIPTION	MATERIAL	QTY
1	BODY	AISI 316L	1
2	COVER	AISI 316L	1
3	COVER GASKET	PTFE	1
4	SPRING	AISI 316L	1
5	BELLOW ASSEMBLY	AISI 316L	1
6	CLAMP	AISI 304	1

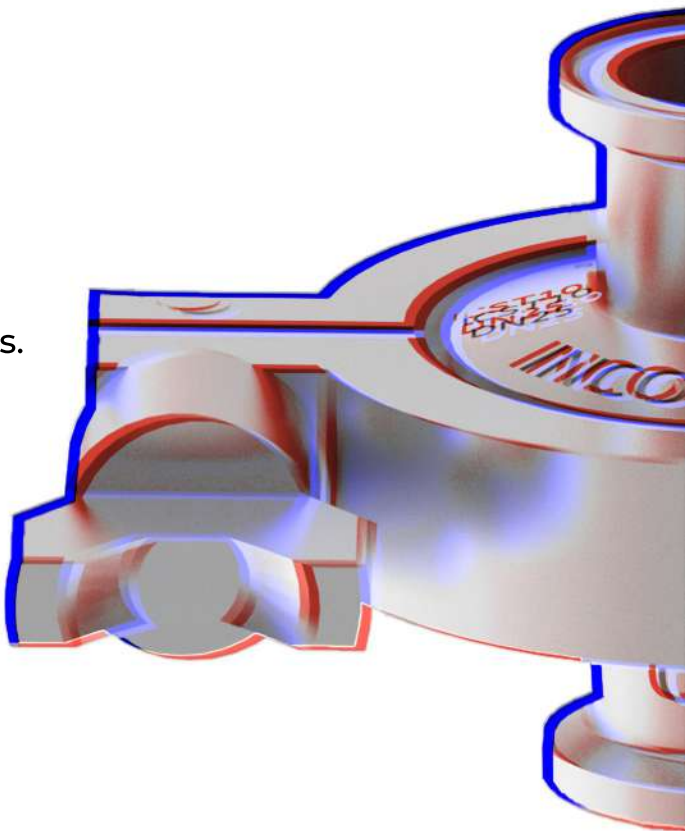
Incosteam ICST10 is a clean steam trap designed to handle the stringent requirements of clean steam systems. Available in nominal diameters (DN) 15, 20, and 25, it caters to various system sizes and flow rates.

# CAPACITY CHART



# FEATURES

- Material Construction**  
Typically made from high-grade stainless steel to resist corrosion and maintain steam purity.
- Compact Design**  
Suitable for installations where space is limited.
- High Efficiency**  
Effectively removes condensate while minimizing steam loss.
- Sanitary Design**  
Designed to meet the sanitary standards required in clean steam applications.



# SPECIFICATIONS

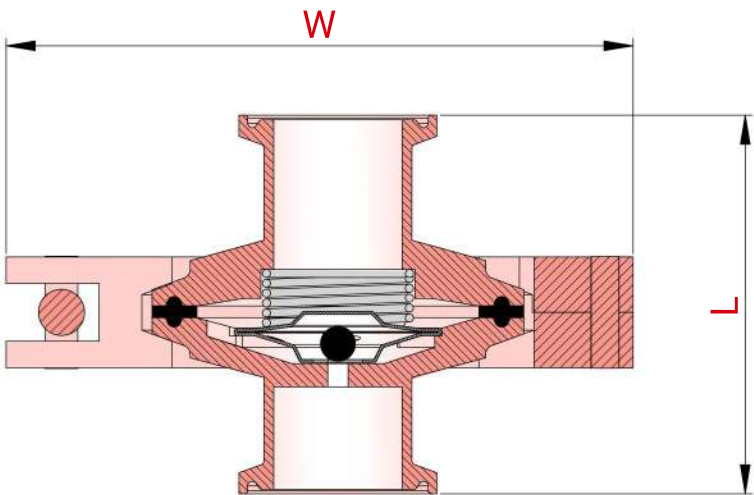
Technical Specs :-

Nominal Diameters	Pressure Range	Temperature Range	Material
DN15	Suitable for a range of pressures typically encountered in clean steam systems	Can handle the temperatures associated with clean steam processes	High-grade stainless-steel construction to ensure longevity and purity
DN20			
DN25			

# DIMENSIONAL TABLE

MODEL	SIZE	L (mm)	W (mm)
ICST10	DN15	55	108
	DN20	55	108
	DN25	65	108

MAX. ALLOWABLE PRESSURE – 10 Kg/cm2(g)  
MAX. OPERATING PRESSURE – 7 Kg/cm2(g)  
MAX. OPERATING TEMPERATURE – 170 °C  
HYDRO TEST PESSURE – 15 Kg/cm2(g)  
TRICLOVER END CONNECTION AS PER ASME BPE



# APPLICATIONS

## Pharmaceutical Industry

- Sterilization
- Clean-in-Place (CIP) Systems

## Food Processing

- Cooking and Sterilization
- Packaging

## Biotechnology

- Fermentation Processes
- Bioreactors

## Healthcare

- Autoclaves



# INSTALLATION GUIDELINES

## 1. Site Selection:

- Ensure accessibility for maintenance.
- Install close to the equipment to maintain steam purity and efficiency.

## 3. Installation Steps:

- Depressurize and Clean the System
- Install the Strainer
- Mount the Trap
- Connect the Piping
- Open Isolation Valves

## 2. Piping Considerations:

- Use sanitary fittings in the correct orientation.
- Install isolation valves for easy maintenance.
- Place a strainer upstream to block debris.



# MAINTENANCE GUIDELINES

## 1. Regular Inspection:

- Visually inspect for wear and leaks.
- Listen for normal operational sounds.

## 2. Routine Maintenance:

- Clean the strainer periodically.
- Check for leaks and secure connections.
- Test the trap's discharge cycle.

## 3. Troubleshooting:

- **Blocked Trap:** Clean strainer or trap.
- **Continuous Discharge:** Inspect for steam leakage and replace if necessary.
- **No Discharge:** Ensure proper orientation and check for blockages.

## 4. Periodic Overhaul

- Disassemble and inspect internal components.
- Replace worn parts with genuine components.
- Reassemble and test the trap.






## 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

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