

HST50 Clean Steam Trap

HST50-01
10/97

Staitech

HST50 Clean Steam Trap

The HST50 is a simple and compact trap suitable for draining condensate from clean steam systems. Operating on thermodynamic principles, the trap will discharge condensate close to steam saturation temperature.

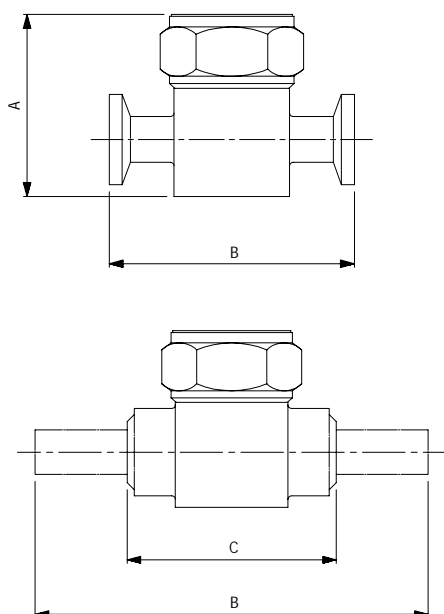
Due to the operating characteristics of the HST50, it should only be used in constant pressure applications where uncontaminated condensate is present. Such applications may include mainline drainage and filter housing drainage.

Features offered by the HST50 include:

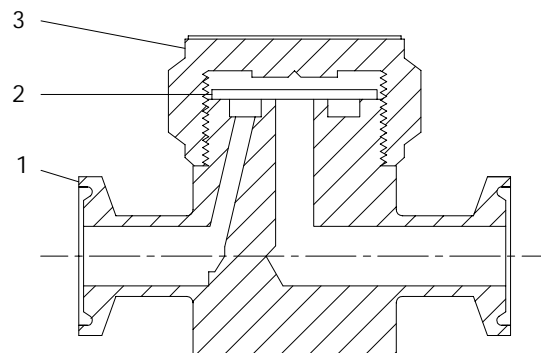
- 316L stainless steel construction - provides optimum corrosion resistance.
- Compact design - easy to install and maintain.
- Near-to-steam operating characteristics - ensures consistent system temperature.
- Wide range of connection options - allows product to be matched to system design.

Product Specification

Sizes and connections	1/2" Tri-Clamp® compatible 1/2" O.D.Tube 1/4", 3/8" & 1/2" BSP
Maximum operating pressure(PMO)	10 barg
Maximum allowable temperature(TMA)	450°C
Maximum allowable pressure(PMA)	16 barg
Weight	0.6 kg



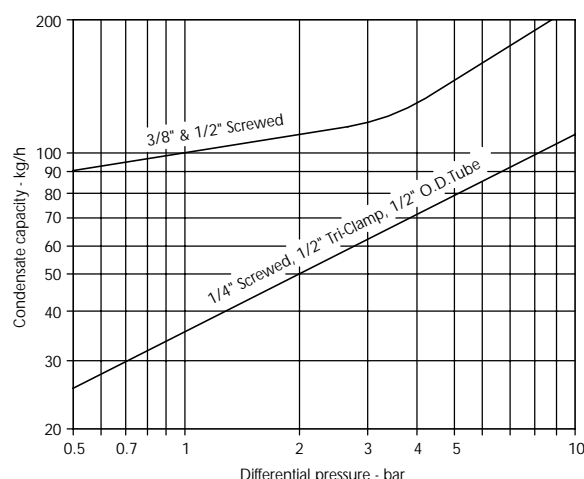
Specification subject to change without notice



Materials of construction

1.	Body	316L Stainless steel
2.	Disc	316L Stainless steel
3.	Cap	316L Stainless steel

Flow capacities



Dimensions(mm)

Connection	A	B	C
Tri-Clamp	50	65	-
O.D.Tube	50	110	68
Threaded	50	68	-