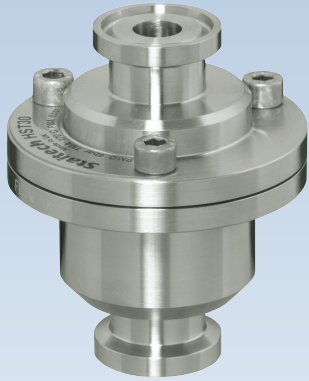


HST30 STEAM TRAP



HST30 The HST30 range of steam traps are designed to remove condensate from high purity steam systems. A thermostatic element is used to detect the difference between the temperature of the cooling condensate and the system operating temperature. When this temperature differential exceeds 3-5°C the element contracts to allow the cooling condensate to exhaust. Being a temperature sensitive device, the HST30 also ensures that air is purged from a steam system together with waste condensate. Typical applications for the HST30 are steam main drainage, Steam-in-Place (SIP) applications and when inverted, as a steam system air vent. Where a clamped body joint is preferred over bolted configuration the HST30TC model is available.

P Pressure Rating Maximum operating pressure (PMO)
- 6 barg
Maximum allowable pressure (PMA)
- 8 barg

T Temperature Rating Maximum allowable temperature (TMA)
- 170°C

Connections 1/4" - 1-1/2" ASME BPE clamp or weld end
DN8, 10, 15, 20, 25 ISO and DIN clamp or weld end

Flow Capacity

Pressure (bar)	1.0	2.0	3.0	4.0	5.0	6.0
Flow (kg/h)	200	350	400	650	800	950
Cold flow (kg/h)	700	900	1000	1200	1500	1600

Surface Finish Wetted surfaces - 0.5 microns Ra (SF1)
External surfaces - 0.8 microns Ra

Options Horizontal inlet connection
Clamped body joint - HST30TC
Electropolished finish (SF4)
Stainless steel grade WN1.4435
Fixed bleed

Certification Certificate of conformity
Material certification
FDA Elastomer compliance certificates
USP Elastomer compliance certificates
Certified 'Animal derived ingredient' free

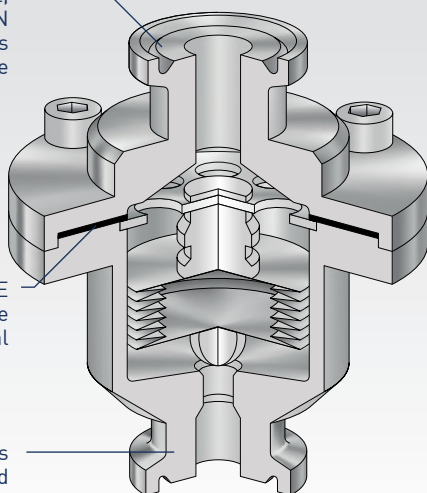
Features

- Bolted body - minimise risk of tampering
- Wide range of connection types and sizes
- Optional finishes available - SF1 and SF4
- Simple to maintain
- Industry standard face-face dimension

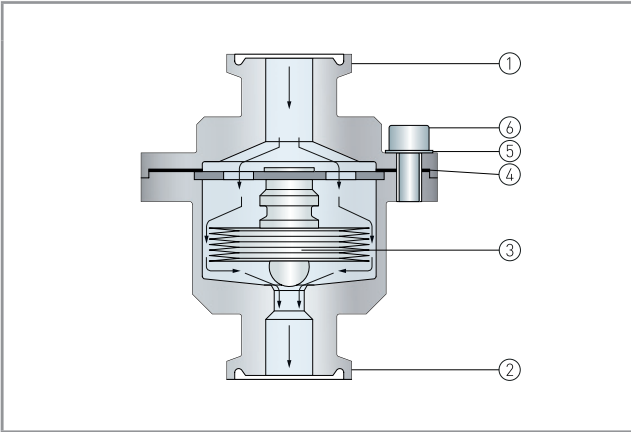
ASME BPE,
ISO and DIN
connections
available

PTFE
composite
body seal

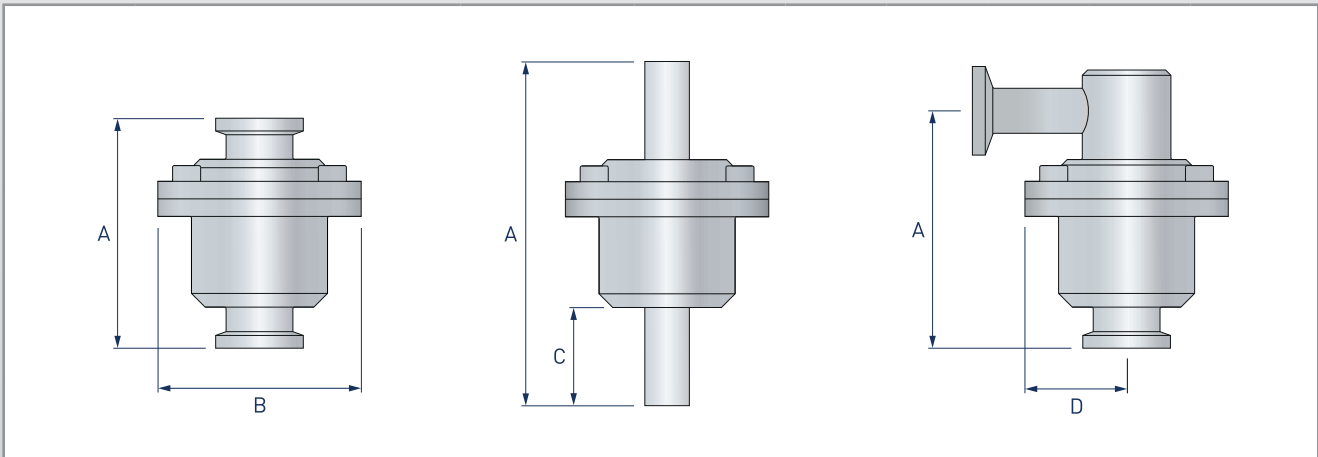
316L stainless
steel body and
end fittings



HST30 STEAM TRAP



Part	Description	
1	Inlet connection	316L stainless steel
2	Outlet connection	316L stainless steel
3	Element assembly	316/316L stainless steel
4	Seal	PTFE composite
5	Label	304 stainless steel
6	Bolt	Stainless steel



ASME BPE ISO DIN	1/2"	3/4"	1"	1-1/2"	Dimensions (mm)				Weight (kg)
	DN8 and DN10 DN8 and DN10*	DN15* DN15*	DN20 DN20* and DN25	DN25 DN32	A	B	C	D	
	✓	✓	✓	✓	65	60	-	-	0.5
	✓	✓	✓		98	60	28	-	0.5
	✓	✓			70	60	-	43	0.5
			✓		77	60	-	50	0.6

*ISO DN15, DIN DN8 - DN20 available with 25mm or 34mm clamp connections. ISO DN15 available with 34mm or 50.5mm clamp connections

Service Parts - Element assembly (3) and body seal (4)