



## SC-HST20-...C-S Clean Steam Trap

The SC-HST20 clean steam trap is designed to meet basic system specifications where surface finish requirements can be relaxed. The overall face-face dimension of the SC-HST20 is also optimised to allow its use in applications where space may be restricted. The SC-HST20 is ideal for steam mains drainage, and for draining process and reactor vessels during clean-in-place and steam-in-place operations.

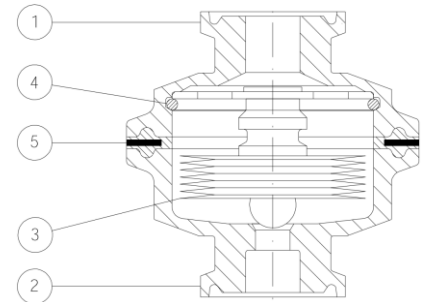
The SC-HST20 operates on a balanced pressure principle, whereby a reduction in the temperature of condensate in relation to the system temperature causes the internal bellows to contract, thus allowing condensate to drain from the trap. This operation typically takes place at 3-5°C below steam saturation temperature at any given system pressure.



Material certification is available covering all models, which where applicable, also meet current ASME BPE design criteria.

All trap components are degreased and rinsed in an ultrasonic bath using deionised water prior to assembly.

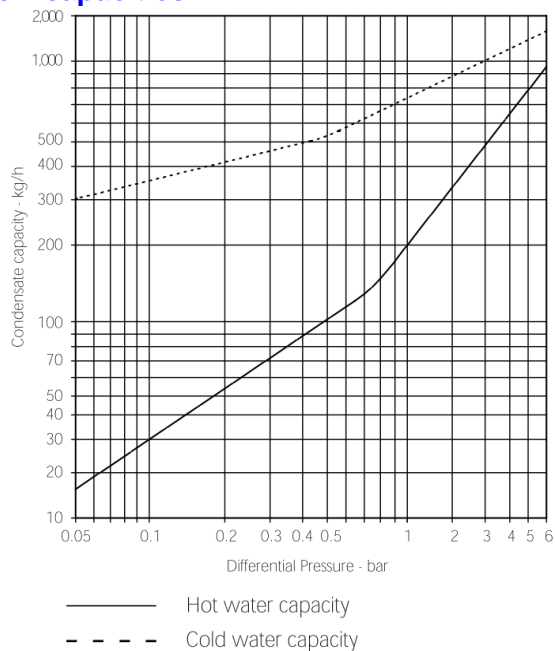
Once assembled, traps are capped and sealed in a protective polythene bag and individually boxed.



### Features offered by the SC-HST20-...C-S include:

- Fully machined design - ensures uniform surface finish.
- Near-to-steam operating characteristics – ensures consistent system temperature.
- Compact - simplifies installation.

### Flow capacities



### Materials of construction

1. Inlet connection	316L Stainless steel
2. Outlet connection	316L Stainless steel
3. Element assembly	316/316L Stainless steel
4. Element retainer	316 Stainless steel
5. Seal	PTFE/Viton envelope gasket
6. Body Clamp	304 Stainless steel

Seal material is FDA compliant

### Product Specification

Sizes	1/2", 3/4" & 1"
Standard connections	Tri-Clamp® compatible
Connection options	O.D. Tube Compression fittings to suit 1/2" O.D. Tube Clamp and tube weld to ISO, DIN & SMS standards Threaded
Maximum operating pressure(PMO)	6.0 barg
Maximum allowable temperature(TMA)	170°C
Maximum allowable pressure(PMA)	8.0 barg
Surface finish:	
All wetted surfaces	1.0 micron Ra
External surfaces	1.2 microns Ra
Options	2-piece hinged body clamp

**Get the information you need and more at : [info@aerinox.it](mailto:info@aerinox.it)**

In the interests of development and improvement of the product, we reserve the right to change the specifications without prior notice.

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