

ASC Clean Steam Trap



The ASC clean steam trap is ideal for steam mains drainage, and for draining process and reactor vessels during clean-in-place and steam-in-place operations.

The ASC 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.

The overall face-face dimension of the ASC is also optimized to allow its use in applications where space may be restricted.

ADVANTAGES:

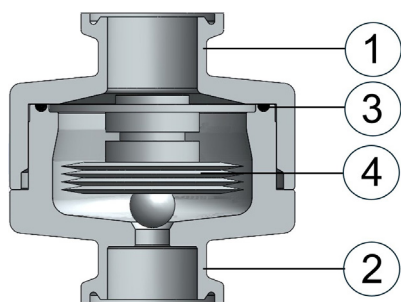
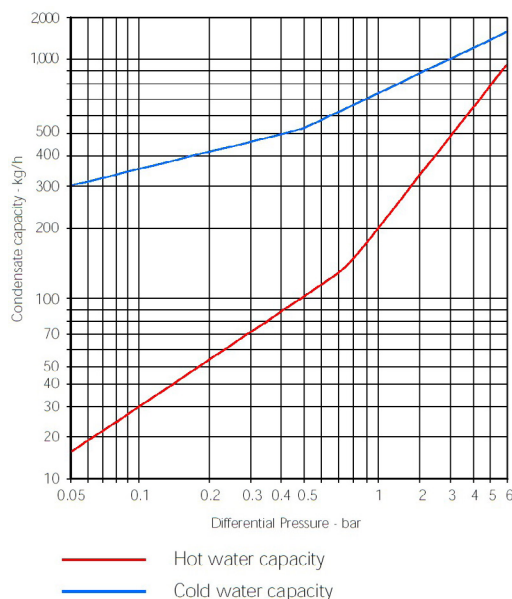
- ✓ Fully machined design - ensures uniform surface finish
- ✓ Near-to-steam operating characteristics – ensures consistent system temperature
- ✓ Compact - simplifies installation



APPLICATION:

Designed for meeting the requirements of the plants in the Pharmaceutical, Food & Beverage, Cosmetics, Dairy, Fine Chemicals industries.

Size range	1/2" - 3/4" - 1"
End connections	Tri-Clamp according to ASME BPE
Max operating pressure	6 barg
Max operating temperature	165 °C
Max allowable pressure	8 barg
Max allowable pressure	170 °C
Internal surface finish	Ra ≤ 0,5µm
External surface finish	1,0 µm ≤ Ra ≤ 1,2µm
Certificates	3.1 material certificates (in contact) according to UNI EN 10204 FDA USP Class VI other certificates on request
OPTIONAL	
Different connections	* on request
Different material seal	* on request
Surface finish	electropolish



Part	Description	Material
1	Inlet body	AISI 316L
2	Outlet body	AISI 316L
3	Seal	FKM
4	Capsule	AISI 316L

Last updates can be found on our website - www.aerreinox.it

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