

UKL make sanitary balanced pressure thermostatic steam trap is designed to remove condensate from clean and pure steam applications with minimal condensate retention. Manufactured in 316L, the crevice free body design of UCT incorporates a 12-15° angled seat to ensure fully drain.

UKL Clean Steam trap has a unique Simple design, Minimum number of components and where the Bellow is enclosed and protected thus ensuring long life for the Bellows.

This trap works on the difference in Enthalpy of Steam and Condensate. Condensate temperature is used to open the trap by contracting the capsule, discharging condensate in low temperature. A capsule attached to a Bellow filled with precise amount of a Hydrocarbon, Expands and contracts in response to the rising/lowering of Enthalpy. Thereby shutting and opening the valve. Condensate has lower Enthalpy, causing the bellow to contract and the seat to retract which opens the valve and allow discharge of condensate and expands as soon as it comes in contact of Hot steam, causing seat to close the valve.



APPLICATIONS:-

- Sterile steam barriers
- Block and Bleed installations
- Main Drainage
- CIP/SIP of vessels and reactors.
- Process Lines.

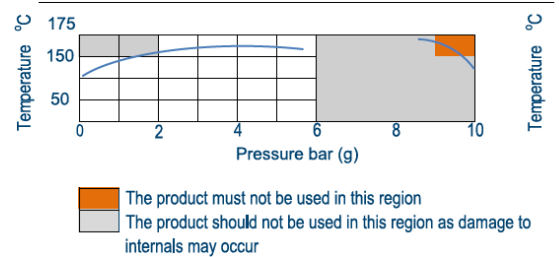
Design Features:-

- Internal Surfaces : 25 micro-inch Ra
- External Surfaces : 40 micro-inch Ra
- Angled Seat to ensure fully drainage of condensate.

OPERATING CONDITIONS :

- Pressure :- Max 145 psi @ 284 °F
- Temperature :- Min -425 °F and Max +329 °F @ 87 psig
- Discharge Capacity :- 2912 lb/hr @ 72.5 psi Δ P

PRESSURE/TEMPERATURE LIMITS



MATERIAL OF CONSTRUCTION:

ASTM A 276 316L

SIZES AVAILABLE:-

1/2", 3/4", and 1"

END CONNECTIONS:

Tri-clover (sanitary) Clamps

OPTIONAL:-

IBR/Non-IBR



Cast / Forged Steel Piston Valves, Bellow seal valves, High Pressure valves (Gate/Globe), Strainers – "Y" Type, ITVS Steam Traps (Thermodynamic, Thermostatic, Ball Float Traps and IBT), Pressure Reducing Station, Condensate Recovery Products. Level Gauges (Reflex, Transparent, Bicolor), Sight Glass, Hot Water Generation System, Safety and Relief Valves.
FSD Products : Compressed Asbestos / Non Asbestos Fiber Sheetting / Cut Gaskets, Spiral Wound Gaskets.

In view of technical progress design and dimensions are subjected to change without notice.



UNI KLINGER LIMITED

A joint venture of the Neterwala group of companies and KLINGER AG. Switzerland.

Central Sales Office & Pune Branch : SC1, 5th Fl., Kohinoor Est. Mumbai-Pune Highway, Kadaki, Pune-411 003. Tel.: +91-20-4102 3000 Fax.: (020) 4102 3001
 e-mail : salesco@uniklinger.com, salespune@uniklinger.com, Website: www.uniklinger.com

Factory : C-37, M.I.D.C., Ahmednagar – 414 111, Maharashtra, Tel. : 0241 – 2777223 / 2777512 Fax : 0241 – 2777294, E-mail : fdworks@uniklinger.com

Branch Offices :

- Baroda : 102, 1st Floor, Otel Towers-II R.C. Dutt Road, Baroda-390 005, Tel.: 91-0265-2312343 / 2340660, Fax.: 91-265-2341419. E-mail : salesbar@uniklinger.com
- Chennai : East Coast Centre, 5th Floor, 553, Mount road, Teyanampet, Chennai - 600 018, Tel.: 91 - 44 - 24345707. Fax.: 91 - 44 - 24343960. E-mail : saleschen@uniklinger.com
- Kolkata : 9, Chittrakoot, 8th Floor, 230 A, AJC Bose road, Kolkatta-700 020, Tel.: 91-33-22872510, Fax.: 91-33-22876494. E-mail : salescal@uniklinger.com
- Mumbai : 22, 2nd Flr, Shreeji Arcade CHS, Almeda road, Thane-400 602, Tel.: 91-22-25421140 / 91-22-25440461, Fax.: 91-22-25440463. E-mail : salesmum@uniklinger.com
- Delhi : 321, Ansal Chamber-II, 6, Bhikaji Cama Place, New Delhi-110 066, Tel.: 91-11-41658767 / 91-11-26193847, Fax.: 91-11-41658768. E-mail : salesdel@uniklinger.com