



Type N4000

THERMOSTATIC STEAM TRAP



Pressure Range (PMO)

0 - 4000 (0 - 276 bar) [Special - Setting].

Material

Forged Alloy Steel - F91

Connections

Socketweld

Buttweld

Flanged - BS, ASA or DIN

Connections Size

1/2", 3/4" and 1" (15mm , 20mm and 25mm)

Temperature (TMA)

Alloy Steel F91 - 1100°F (593°C)

Temperature (TMO)

Alloy Steel F91 - 1050°F (566°C) - INTERMITTENT

Orifice Size

N4000 - 5/16" (8mm)

Performance Graph

The graph indicates the continuous discharge capacities of condensate per hour at various differential across the trap.

Typical Application

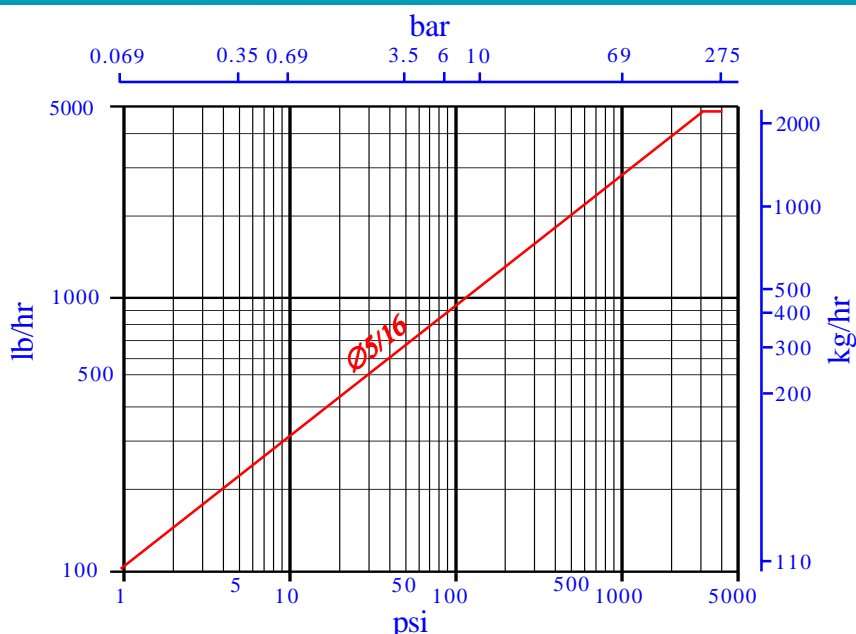
Steam main drainage, Turbine drains, Superheaters, Desuperheater, High pressure processing and General high pressure/temperature service.

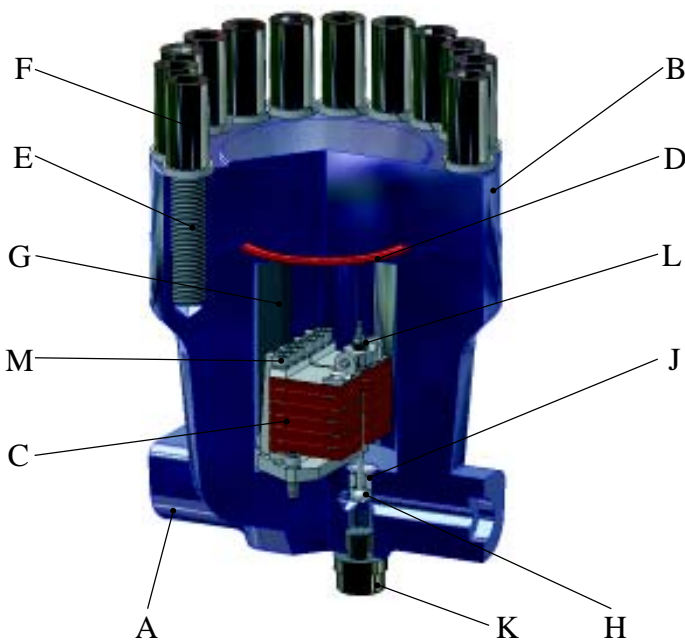
Feature of Design

Factory set, but can be adjusted to suit plant requirements. All the internal operating parts are readily accessible when the body cover is removed. Welded in valve seat to cater for high pressure applications. Automatic air venting.

Can be installed vertically or horizontal.

Due to the weight of the trap additional local support may be required on site by others.



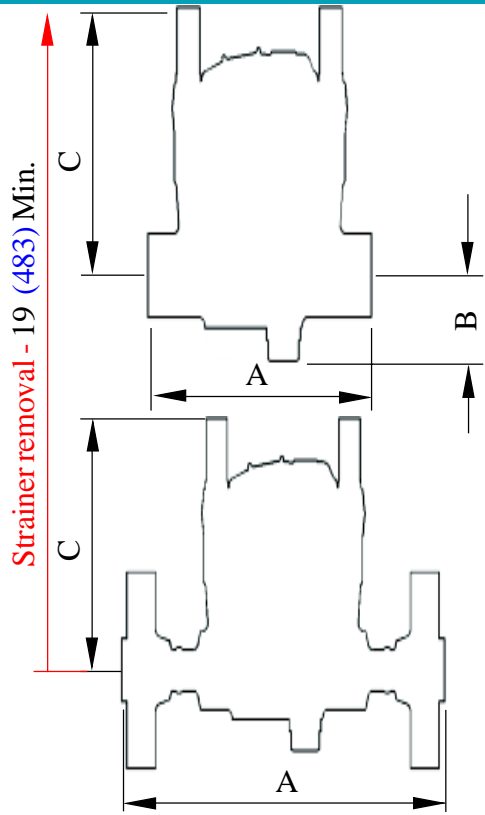


- C - Bimetal Element**
Ruflex GB-14
- D - Cover Gasket**
Stainless Steel spiral wound with Non-Asbestos filler.
- E - Cover Stud**
Nickel-Base Alloy - SB637
- F - Cover Nut**
Nickel-Base Alloy - SB637
- G - Strainer**
Stainless Steel
- H - Valve Stem and Ball**
Stainless Steel
- J - Valve Seat**
Stainless Steel-Stellited Hardfaced
- K - Test Plug**
Alloy Steel (F91)
- L - Adjusting Nut and Locknut**
Stainless Steel
- M - Bimetal Battery Fixing Screw & Washer**
Stainless Steel

Material of Construction

- A - Body**
Forged Alloy Steel (F91)
- B - Cover**
Same as Body Material.

| Trap Type | | N4000 | |
|----------------------|------------|-------------|-------------|
| Connection Size | | 1/2 (15) | 3/4 (20) |
| A - Face to Face | Socketweld | 10 | (254) |
| | Buttweld | 16 | (406) |
| | * Flanged | 15.1/2 | (394) |
| B - Center to bottom | | 2.5/8 | (67) |
| C - Center to top | | 14 | (356) |
| Weight | Socketweld | 187lb | 85kg |
| | Buttweld | 191lb | 87kg |
| | Flanged | 212lb | 96kg |



Dimensions in Inches / (MM)

* Maximum Flange - ASME B16.5 Class 2500

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