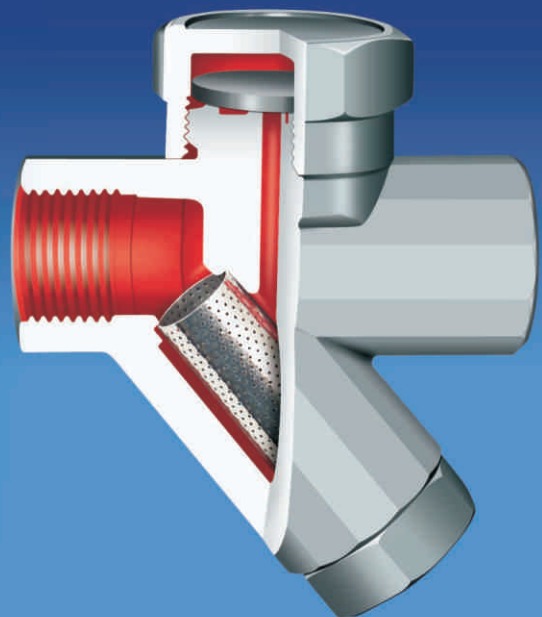


## Cooling & Heating Division

### THERMODYNAMIC STEAM TRAP IN SS 304 CONSTRUCTION

# TTD-YS-42



### THERMODYNAMIC STEAM TRAP - ALL SS DESIGN

#### MAIN FEATURES

- Stainless steel body with SS hardened disc.
- Designed to operate upto maximum back pressure of 80% of inlet pressure.
- Easy to clean built in SS "Y" strainer.
- These traps are used for steam header drain application only.

#### INSTALLATION

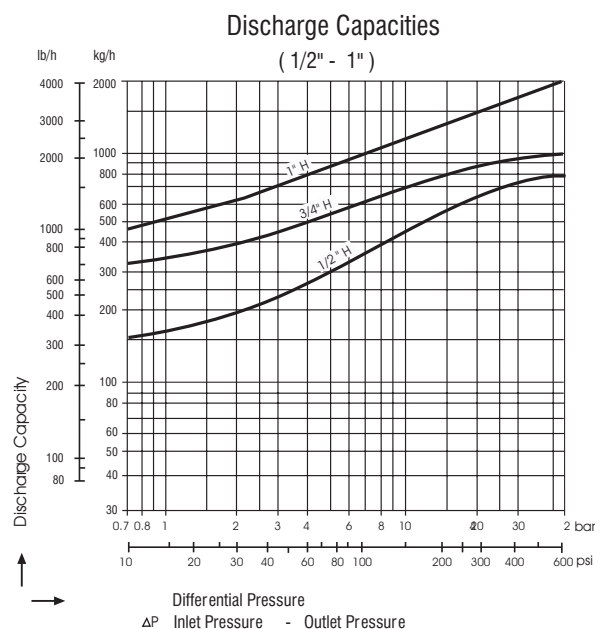
The steam trap should be fitted on the line horizontally for proper working.

#### CONNECTIONS

|         |     |
|---------|-----|
| Screwed | NPT |
|         | BSP |

#### SIZES

|                 |                         |
|-----------------|-------------------------|
| 15 - 20 - 25 mm | 1/2" - 3/4" - 1" inches |
|-----------------|-------------------------|



# SPECIFICATIONS

## OPERATING CONDITIONS

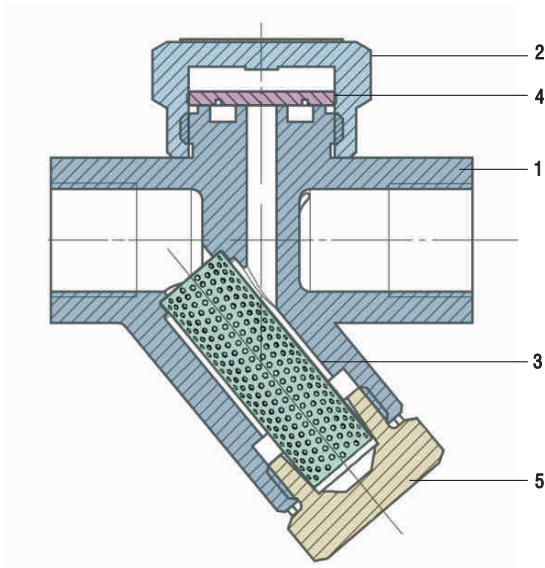
|                            |           |     |
|----------------------------|-----------|-----|
| Max. Allowable Pressure    | PMA (bar) | 63  |
| Max. Allowable Temperature | TMA (°C)  | 400 |
| Max. Operating Pressure    | PMO (bar) | 42  |
| Max. Operating Temperature | TMO (°C)  | 400 |

## WEIGHTS

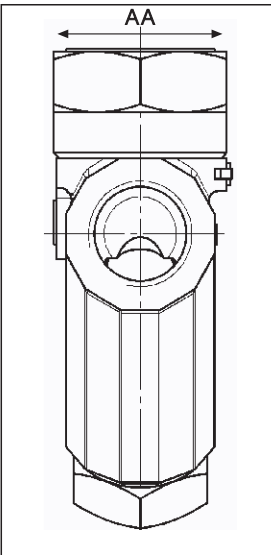
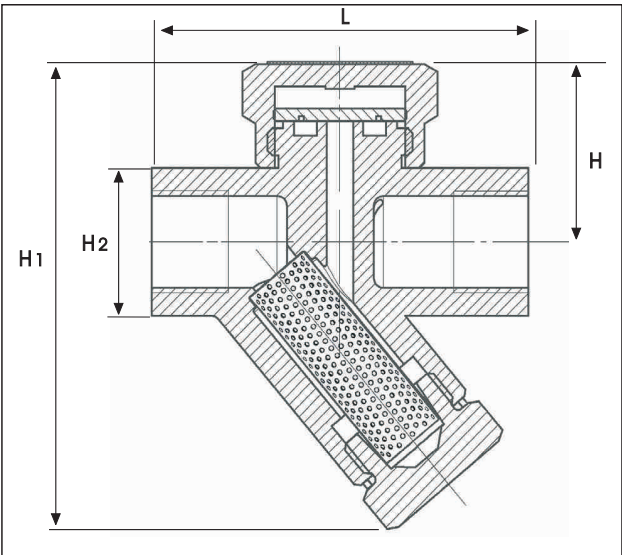
| Connections | Flanged | Screwed          | Butt weld |
|-------------|---------|------------------|-----------|
| Sizes mm    | ---     | 1/2" - 3/4" - 1" | ---       |
| Weights kgs | ---     | 0.94 - 1.1 - 1.6 | ---       |

## SPARE PARTS

|   |                 |                                      |
|---|-----------------|--------------------------------------|
| 1 | Body            | Stainless Casting ASTM A743 (CA 40F) |
| 2 | Cover           | Stainless Steel AISI 304             |
| 3 | Strainer Screen | Stainless Steel AISI 304             |
| 4 | Disc            | Stainless Steel AISI 420             |
| 5 | Discharge Bolt  | Stainless Steel AISI 304             |



| Size inch | L  | H    | H1    | H2   | AA |
|-----------|----|------|-------|------|----|
| 1/2"      | 78 | 36.5 | 94    | 30   | 35 |
| 3/4"      | 90 | 43   | 103   | 36.5 | 40 |
| 1"        | 95 | 51   | 115.5 | 43   | 45 |



Special inspection and certification available on request

In view of our constant endeavor to improve the quality of our products, we reserve the right to alter or change specifications without prior notice.

September 2007



Sustainable Solutions in  
Energy & Environment

## COOLING & HEATING DIVISION

### Services SBU - FEMS

D - 13, MIDC Industrial Area, R. D. Aga Road,  
Chinchwad, Pune 411 019. INDIA  
Tel.: +91-20-2747 5941  
Fax: +91-20-2747 7080  
E-mail: [info.c&hservices@thermaxindia.com](mailto:info.c&hservices@thermaxindia.com)

### AHMEDABAD 380 006

Tel.: (079) 2657 5408 / 5341 / 7073  
Fax: (079) 2657 7270  
E-mail: [mambiar@thermaxindia.com](mailto:mambiar@thermaxindia.com)

### BANGALORE 560 020

Tel.: (080) 2346 7761 - 64  
Fax: (080) 2346 7760  
E-mail: [adminblr@thermaxindia.com](mailto:adminblr@thermaxindia.com)

### CHENNAI 600 018

Tel.: (044) 2435 3831 - 34  
Fax: (044) 2435 3841  
E-mail: [chennaidivsupp@thermaxindia.com](mailto:chennaidivsupp@thermaxindia.com)

### HYDERABAD 500 482

Tel.: (040) 2339 6820, 2331 0254  
Fax: (040) 2331 2335  
E-mail: [hyd\\_sec@thermaxindia.com](mailto:hyd_sec@thermaxindia.com)

### MUMBAI 400 016

Tel.: (022) 2204 5391, 2204 5324  
Fax: (022) 2204 0859  
E-mail: [pscreta@thermaxindia.com](mailto:pscreta@thermaxindia.com)

### NEW DELHI 110 057

Tel.: (011) 2614 5319, 2614 5701  
Fax: (011) 2614 5311, 2614 8679  
E-mail: [psupport@thermaxindia.com](mailto:psupport@thermaxindia.com)

### KOLKATA 700 016

Tel.: (033) 2282 6711 - 13  
Fax: (033) 2282 6769  
E-mail: [mbiswas@thermaxindia.com](mailto:mbiswas@thermaxindia.com)

### VADODRA 390 005

Tel.: (0265) 231 4802, 234 5442  
Fax: (0265) 231 0051  
E-mail: [pbaroda@thermaxindia.com](mailto:pbaroda@thermaxindia.com)

### www.thermaxindia.com

International offices at  
Indonesia, Russia, Kazakstan, Saudi Arabia,  
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