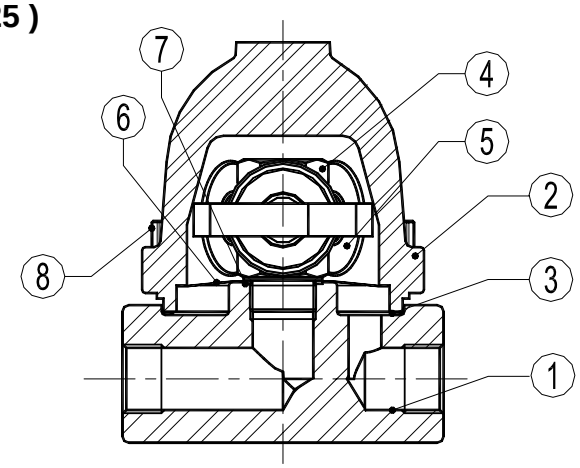
STEAM EQUIPMENT

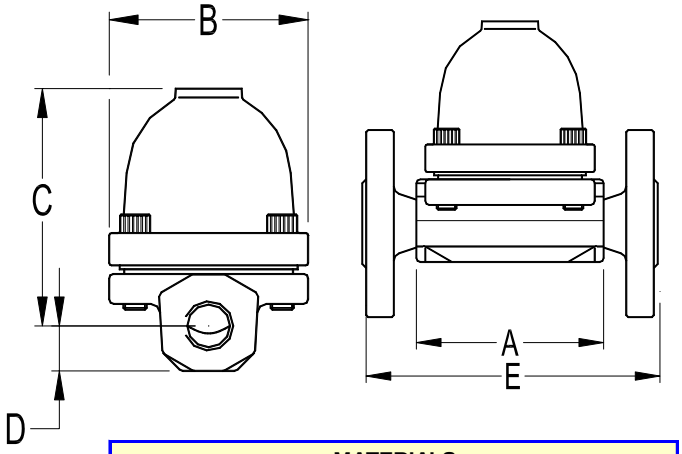
# THERMOSTATIC STEAM TRAPS AND AIR ELIMINATORS
## TH 35 / 2 – TH 35 / 3
## ( DN 1” – DN 25 )




DESCRIPTION
The TH 35 series thermostatic steam traps and air eliminators are specifically designed for use on process equipment such as kettle cookers, sterilizers, food, chemical and laundry equipment.
Connections are female screwed or flanged.

MAIN FEATURES
Modulating discharge.
Discharges condensate close to steam temperature.
Thermostats for different sub cooling (5ºK to 30ºK).
Excellent air discharge .
Operates on moderate superheated steam.
Built-in strainer.

| | |
|---|---|
| OPTIONS: | Stainless steel construction |
| USE: | Saturated steam. |
| AVAILABLE MODELS: | TH35/2 – 2 capsules<br>TH35/3 – 3 capsules |
| SIZES: | DN1” - DN 25. |
| CONNECTIONS: | Female screwed ISO 7/1 Rp (BS21)<br>Flanged EN 1092-1 PN40 or ANSI |
| INSTALLATION: | Horizontal installation recommended, can be installed in any position.<br>See IMI installation and maintenance instructions. |




| | | |
|---|---|---|
| PMA – Max.allowable pressure | 32 | bar |
| TMA – Max.allowable temperature | 300 | ºC |
| PMO – Max.operating pressure | 22 | bar |
| TMO –Max. operating temperature | 250 | ºC |

How to order: i.e. TH35-2 DN 1” BSP

| DIMENSIONS (mm)-Screwed | | | | | | EN 1092-1 Flanges | |
|---|---|---|---|---|---|---|---|
| SIZE DN | A | B | C | D | WGT. Kgs | E | WGT. Kgs |
| 1"- 25 | 95 | 98 | 103 | 20 | 2,8 | 160 | 5,4 |

| MATERIALS | | |
|---|---|---|
| POS.Nr. | DESIGNATION | MATERIAL |
| 1 | Body | P250GH / 1.0460 |
| 2 | Cover | P250GH / 1.0460 |
| 3 | * Gasket | St.St./Graphite |
| 4 | * Valve seat | AISI304 / 1.4301 |
| 5 | * Thermostats | Stainless steel |
| 6 | * Strainer screen | AISI304 / 1.4301 |
| 7 | * Gasket | Copper |
| 8 | Bolts | Steel 8.8 |

* Available spare parts

| FLOW RATE CAPACITY IN Kgs/h | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MODEL | SIZE | DIFFERENTIAL PRESSURE (bar) | | | | | | | | | | | | | | |
| | | 0,2 | 0,3 | 0,5 | 1 | 1,5 | 2 | 3 | 4 | 6 | 8 | 10 | 13 | 15 | 20 | 22 |
| TH35/2 | 1" - 25 | 140 | 240 | 280 | 510 | 660 | 770 | 910 | 1020 | 1200 | 1340 | 1400 | 1440 | 1500 | 1550 | 1590 |
| TH35/3 | 1" - 25 | 210 | 360 | 420 | 765 | 990 | 1155 | 1365 | 1530 | 1800 | 2010 | 2100 | 2160 | 2250 | 2325 | 2385 |

Capacities shown refer to condensate at 10ºC below saturated steam temperature (standard type-S thermostat) .
Thermostats for 5º C type-H and 30º type-L, also available.
Capacities for cold condensate discharge at 20ºC are two to three times greater.

VALSTEAM ADCA