

## THERMOSTATIC STEAM TRAPS AND AIR ELIMINATORS TH 13 A

### DESCRIPTION

The TH 13 A thermostatic steam traps and air eliminators are specifically designed for use on process equipment such as kettle cookers, sterilizers, food, chemical and laundry equipment. The small size make it ideal for use with a wide variety of this equipment and specifically as air eliminator. Connections are female screwed.

### MAIN FEATURES

Modulating discharge.  
Discharges condensate close to steam temperature.  
Thermostats for different subcooling (5°K to 30°K).  
Excellent air discharge .  
Simple and compact design.

USE : Saturated steam.

AVAILABLE

MODELS : TH13A

SIZES : 1/2"

CONNECTIONS : Female screwed ISO 7/1 Rp (BS21)

INSTALLATION : Vertical installation angle connection .  
See IMI, installation and maintenance instructions.

PMA : Max. allowable pressure 16 bar  
TMA : Max. allowable temperature 260 °C  
PMO : Max. operating pressure 13 bar  
TMO : Max. operating temperature 200 °C

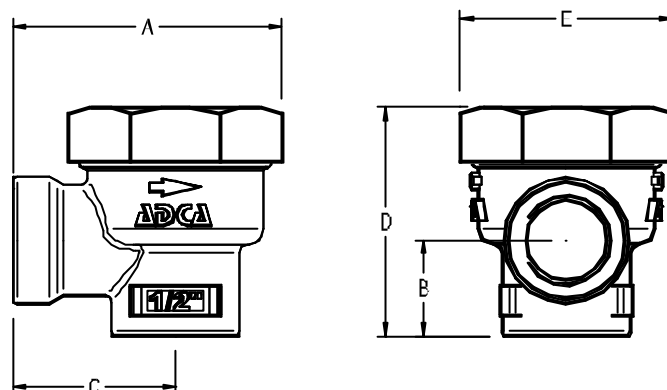
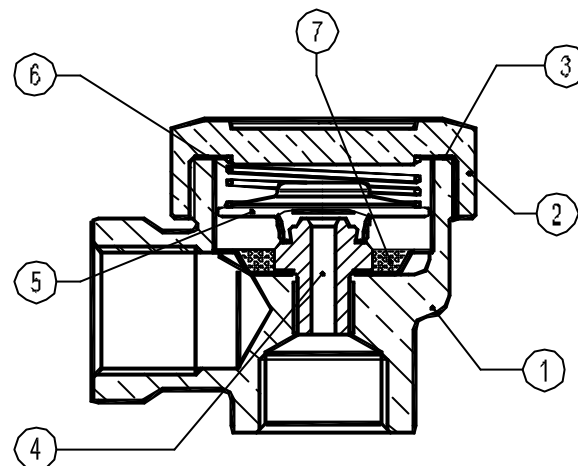
### MATERIALS

POS.NR.	DESIGNATION	MATERIAL
1	BODY	BRASS
2	COVER	BRASS
3*	GASKET	GRAPHITE
4*	SEAT	STAINLESS STEEL
5*	THERMOSTATIC ELEMENT	STAINLESS STEEL
6*	SPRING	STAINLESS STEEL
7*	STRAINER	STAINLESS STEEL

\* AVAILABLE SPARE PARTS

### FLOW RATE CAPACITY IN Kg/h

MODEL	SIZE	DIFFERENTIAL PRESSURE (bar)											
		0.2	0.3	0.5	1	1.5	2	3	4	6	8	10	13
TH13A	1/2"	45	55	70	95	125	135	180	200	270	315	330	360



### DIMENSIONS (mm)

SIZE	A	B	C	D	E	WEIGHT
DN						Kg
1/2"	63	22,5	38	54	50	0.5

Capacities shown refer to condensate at 10°C below saturated steam temperature (standard type-S thermostat) .  
Thermostats for 5° C type-H and 30° type-L, also available.  
Capacities for cold condensate discharge at 20°C are two to three times greater .  
Recommended Safety factor = 1.2 - 1.5 ; How to order : i.e. TH13 A DN 1/2" BSP