

THERMOSTATIC STEAM TRAPS AND AIR ELIMINATORS TH13A

DESCRIPTION

The TH 13A 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. The small size makes it ideal for use with a wide variety of this equipment and specifically as air eliminator.

Connections are female screwed.

MAIN FEATURES

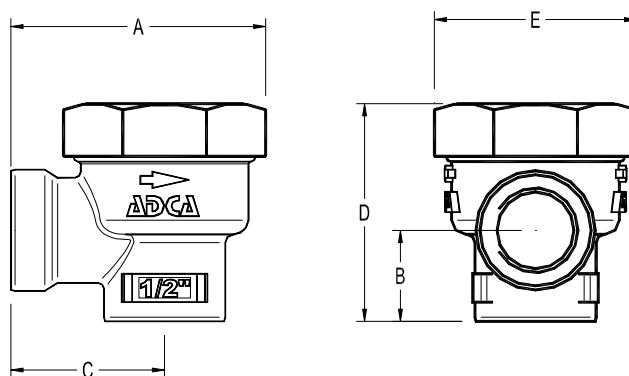
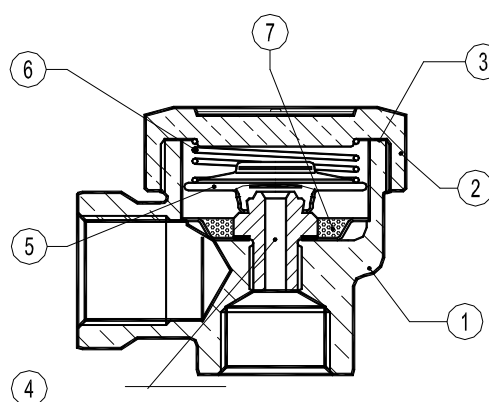
- Modulating discharge.
- Discharges condensate close to steam temperature.
- Thermostats for different sub cooling (5°K to 30°K).
- Excellent air discharge.
- Simple and compact design.
- Built-in strainer.

- USE: Saturated steam.
- AVAILABLE MODELS: TH13A
- SIZES: DN 1/2"
- CONNECTIONS: Female screwed ISO 7/1 Rp (BS21)
- INSTALLATION: Vertical installation, angle connection.

- PMA – Max. allowable pressure 16 bar
- TMA – Max. allowable temperature 260 °C
- PMO – Max. operating pressure 13 bar
- TMO – Max. operating temperature 200 °C
- How to order: i.e. TH13A DN 1/2" BSP

MATERIALS		
POS.N r.	DESIGNATION	MATERIAL
1	Body	Brass EN12165 / CuZn39Pb2
2	Cover	Brass EN12165 / CuZn39Pb2
3	* Gasket	St.St./Graphite
4	* Valve seat	AISI304 / 1.4301
5	* Thermostat	Stainless steel
6	* Spring	AISI302 / 1.4300
7	* Strainer screen	AISI304 / 1.4301

* Available spare parts



DIMENSIONS (mm)-Screwed						
SIZE DN	A	B	C	D	E	WGT. Kgs
1/2"	63	22,5	38	54	50	0,5

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
TH13A	1/2"	45	55	70	95	125	135	180	200	270	315	330	360

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.