

THERMOSTATIC STEAM TRAPS AND AIR VENTS TH13A

DESCRIPTION

The TH13A series thermostatic steam traps and air vents are specifically designed for use on process equipment such as kettle cookers, sterilizers, food, chemical and laundry equipment. Their compact design with angled connections makes them ideal for air venting applications.

MAIN FEATURES

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

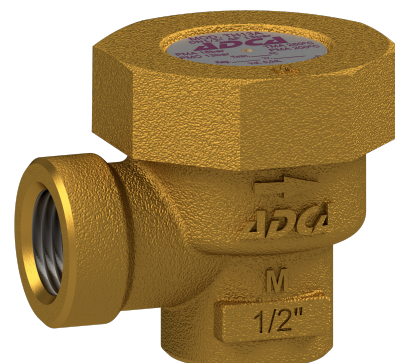
USE: Saturated steam.

AVAILABLE MODELS: TH13A – brass.

SIZES: 1/2".

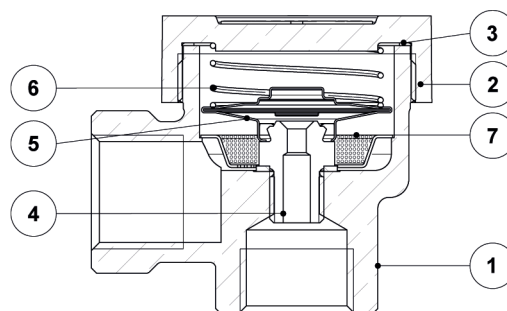
CONNECTIONS: Female threaded ISO 7 Rp.

INSTALLATION: Angled installation, with the cover at the top.
See IMI – Installation and maintenance instructions.



LIMITING CONDITIONS

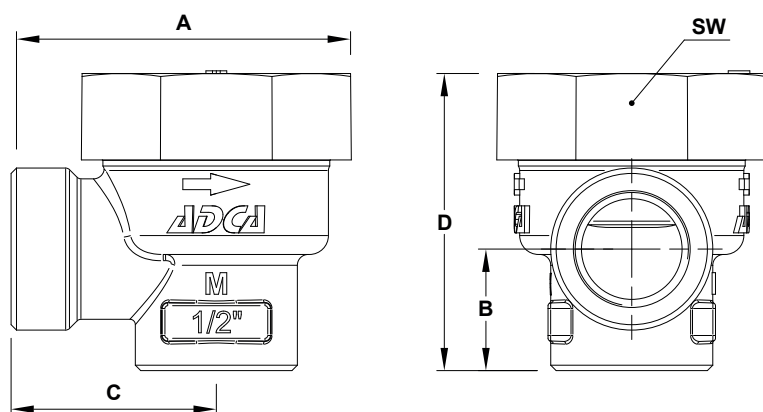
PMA – Maximum allowable pressure	16 bar
TMA – Maximum allowable temperature	260 °C
PMO – Maximum operating pressure	13 bar
TMO – Maximum operating temperature	200 °C



MATERIALS

POS. N°	DESIGNATION	MATERIAL
1	Body	Brass EN 12165 / CuZn39Pb2
2	Cover	Brass EN 12165 / CuZn39Pb2
3	* Gasket	Stainless steel / Graphite
4	* Valve seat	AISI 304 / 1.4301
5	* Thermostat	Stainless steel
6	* Spring	AISI 302 / 1.4300
7	* Strainer screen	AISI 304 / 1.4301

* Available spare parts.



DIMENSIONS (mm)

SIZE	A	B	C	D	SW	WGT. (kg)
1/2"	63	22,5	38	54	50	0,5

FLOW RATE CAPACITY (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

Capacities shown refer to condensate discharge 10 °C below steam saturation temperature (standard type S thermostat).

Thermostats for 5 °C (type H) and 30 °C (type L) also available. Capacities for cold condensate discharge at 20 °C are two to three times greater.