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 small size makes them ideal for use with a wide variety of this equipment and, specially, as air vents.

MAIN FEATURES

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

USE: Saturated steam.

AVAILABLE
MODELS: TH13A – brass.

SIZES: 1/2".
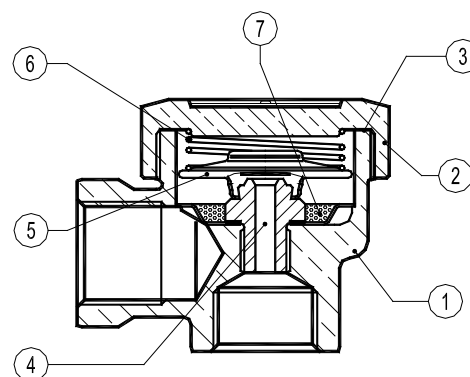
CONNECTIONS: Female threaded ISO 7 Rp.

INSTALLATION: Vertical installation, angled connections.
                        See IMI – Installation and maintenance instructions.

LIMITING CONDITIONS	
PMA – Maximum allowable pressure	16 bar
TMA – Maximum allowable temperature	260 ºC
PMO – Maximum operating pressure	13 bar
TMO – Maximum operating temperature	200 ºC

MATERIALS		
POS. Nº	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.
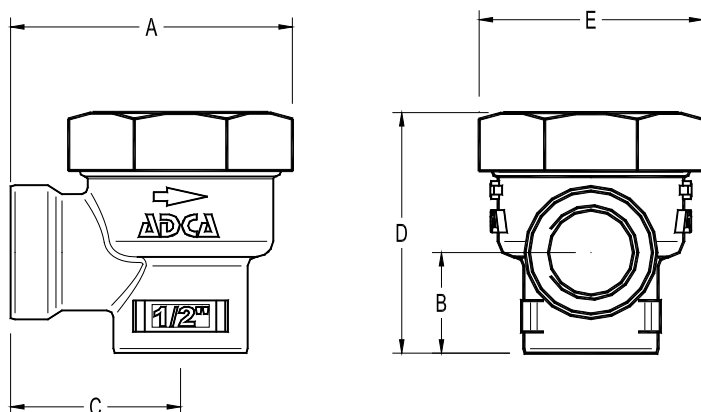
DIMENSIONS (mm)						
SIZE	A	B	C	D	E	WEIGHT (kg)
1/2"	63	22,5	38	54	50	0,5

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