

THERMOSTATIC STEAM TRAP AND AIR ELIMINATORS HTK - 80

Features

HTK-80 designed for use on process equipment such as kettle cookers, sterilizers, food chemical and laundry equipment.

Hot Forging Steel-boddied thermostatic steam trap and air eliminators.

1. Modulating discharge
2. Discharges condensate close to steam temperature.
3. Thermostats for different sub cooling (5°C to 30°C).
4. Excellent air discharge.
5. Operates on moderate superheat steam.
6. Built-in stainer.

Specifications

Max. Working Pressure	PMO	Bar	22
Max. Working Temp.	TMO	°C	250
Max. Differential Pressure	PMX	Bar	22
Max. Design Pressure	PMA	Bar	40
Max. Design Temp.	TMA	°C	400



Installation and Maintenance

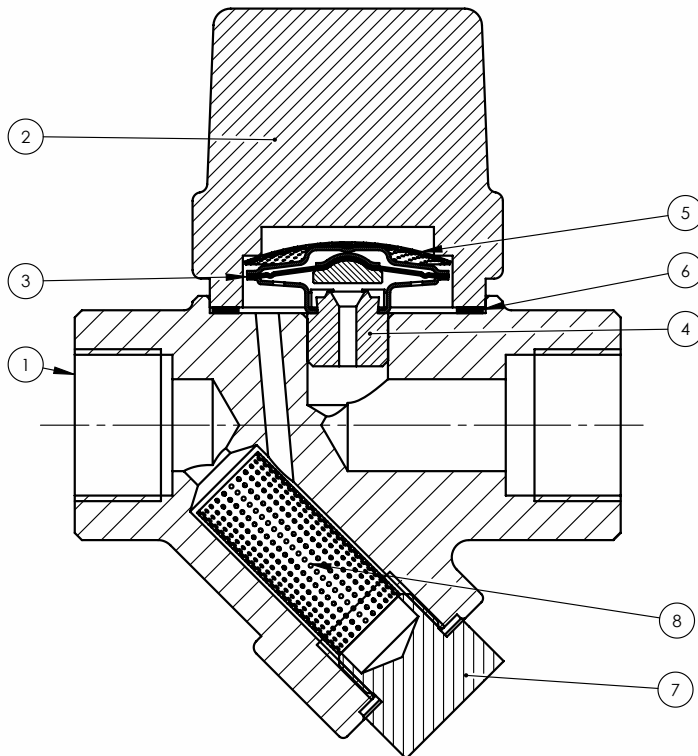
Horizontal installation recommended, can be installed in any position. See INSTALLATION and MAINTENANCE INSTRUCTIONS.



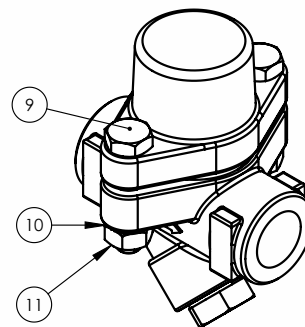
DO NOT REMOVE CAP NUT OR COVER WHILE TRAP IS UNDER PRESSURE

ALLOW TRAP BODY TEMPERATURE TO COOL TO ROOM TEMPERATURE BEFORE REMOVING CAP NUT OR COVER. FAILURE TO DO SO MAY RESULT IN BURNS OR OTHER INJURY.

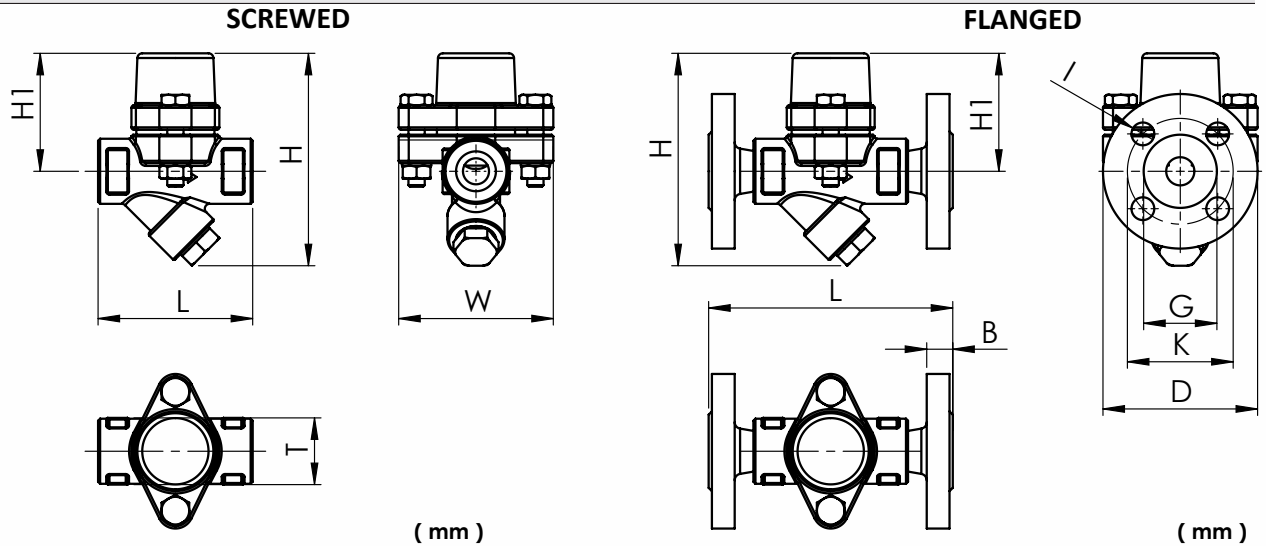
Materials



NO	DESCRIPTION	MATERIAL
1	BODY	C22.8
2	COVER	C22.8
3	CAPSULE	AISI 304
4	SEAT	AISI 303
5	STRAINER	AISI 304
6	COVER GASKET	GRAPHITE
7	HEXAGON HEAD PLUG	AISI 304
8	FILTER	AISI 304
9	BOLT; M10×50 - DIN931	AISI 304
10	SPRING WASHER; M10 - DIN127	AISI 304
11	NUT; M10 - DIN934	AISI 304



Dimensions



	SIZE	L	H	H1	W	T
Screwed	1/2"	95	130	73	95	41
	3/4"					
	1"					

	Size	L	H	H1	G	K	D	I	B
Flanged	DN15	150	130	73	Ø45	Ø65	Ø95	Ø14	16
	DN20				Ø58	Ø75	Ø105		18
	DN25				Ø68	Ø85	Ø115		

Flow Rate Capacity

MODEL	SIZE	DIFFERENTIAL PRESSURE														
		0,2	0,3	0,5	1	1,5	2	3	4	6	8	10	13	15	20	22
HTB-46	1/2", 3/4", 1"	70	120	140	255	330	385	455	510	600	670	700	720	750	775	795
	DN15, 20, 25															

Capacities shown refer to condensate at 10°C below saturated steam temperature (standart type thermostat).
Capacities for cold condensate discharge at 20°C are two to three times greater.