

Description:

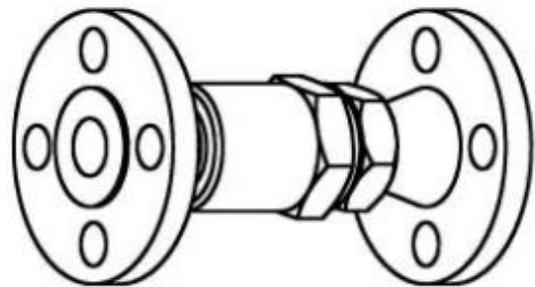
The KARAJET T3 is an inline carbon steel low pressure bimetallic thermostatic steam trap with an integral strainer. Typical applications include steam tracing lines etc.

Size and Pipe Connections:

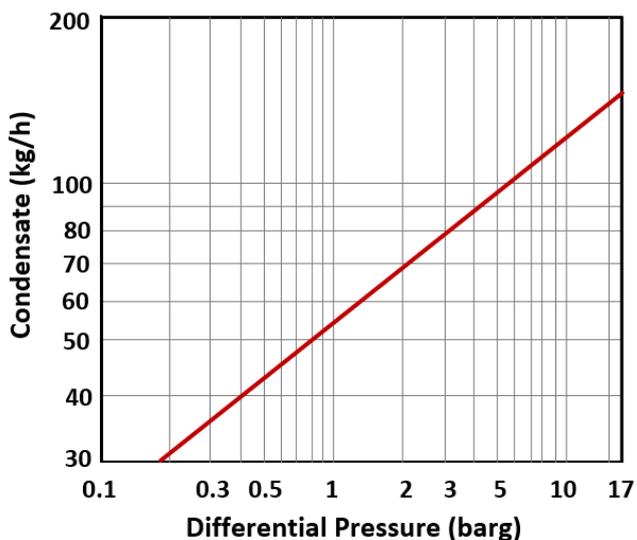
DN8 to DN25
Screwed BSPT/NPT/BSP and Socket Weld ends.
Available with Class 150 and 300 Flanges.
Other sizes are available for flanged connection by request.

Material and Options:

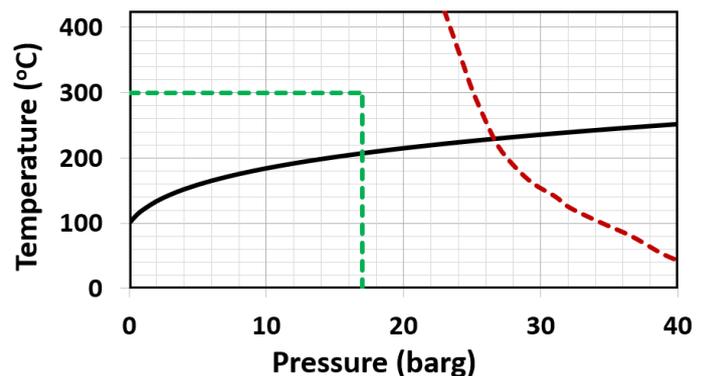
Other body materials such as Stainless Steel A182 F304-F316 are available.



Capacity Curve:



Limiting Conditions:



— Saturated Steam Curve

- - - This product should not be used outside of this line

- - - This product must not be used above this line

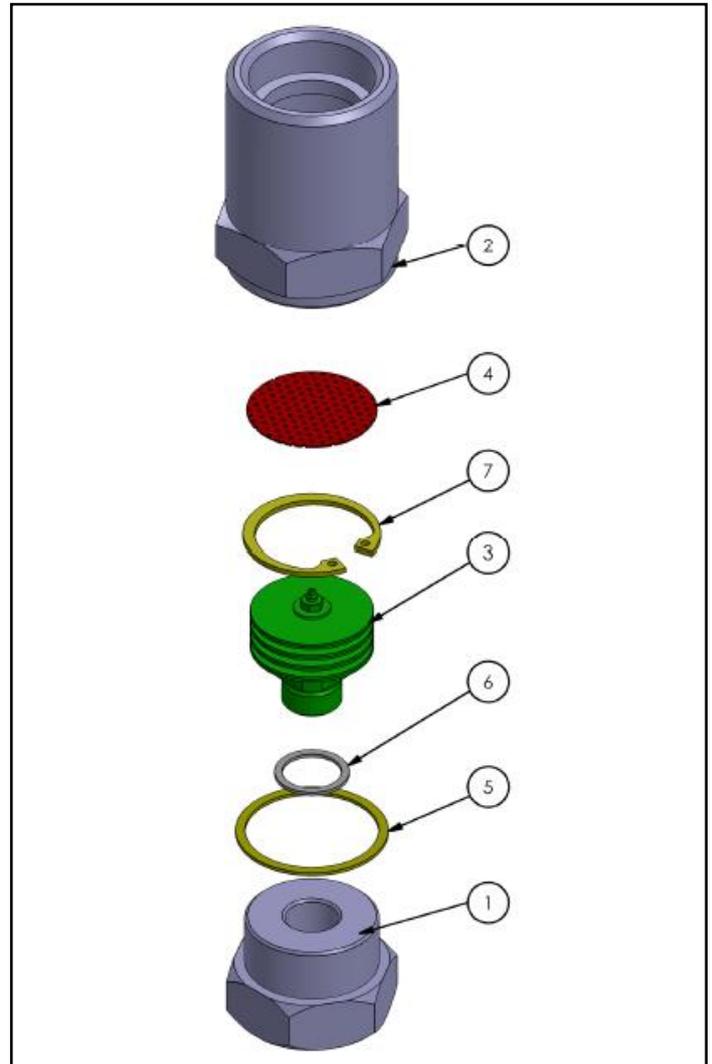
Body Design Conditions	PN 50
PMA (Max. Allowable Pressure)	40 barg @ 50 °C
TMA (Max. Allowable Temperature)	425 °C @ 23 barg
PMO (Max. Operating Pressure)	17 barg @ 300 °C
TMO (Max. Operating Temperature)	300°C @ 17 barg
Max. Cold Hydro Test Pressure	62 barg

Material:

No.	Part	Material
1	Body	CS A105
2	Cap	CS A105
3	Valve Assembly	Bimetal
4	Strainer Screen	A240 Gr.304
5	Body Gasket	A240 Gr.304
6	Valve Gasket	A240 Gr.304
7	Circlip	SS 304

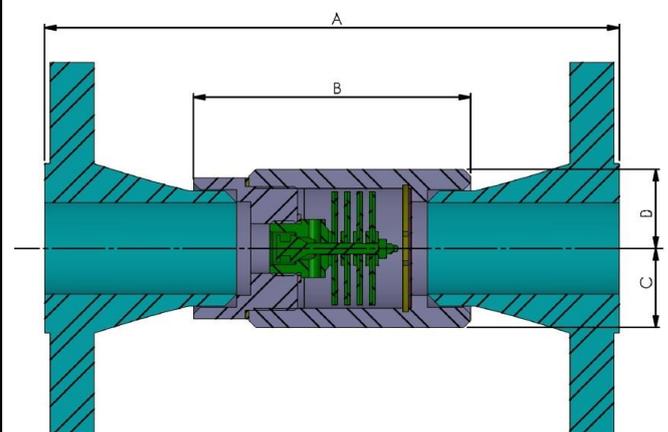
Spare Part List:

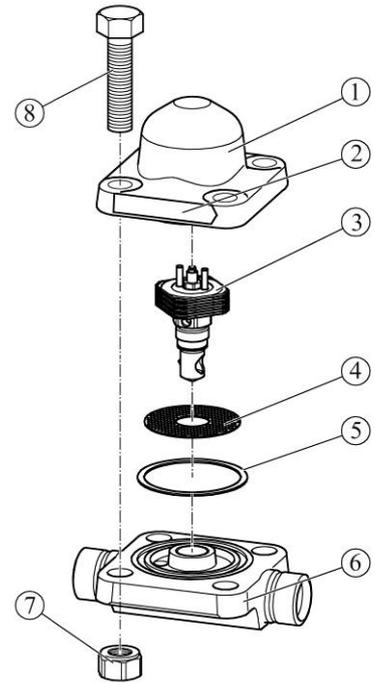
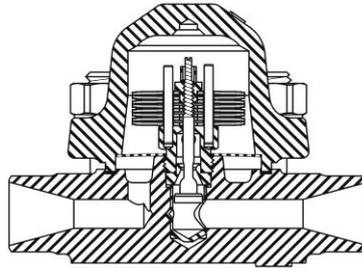
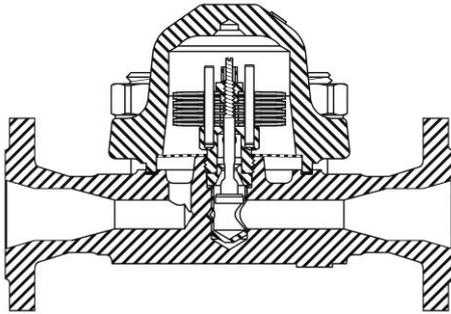
No.	Part No.	Part
1	3	Valve Assembly
2	4	Strainer Screen
3	5, 6	Gaskets



Dimensions (mm):

Size	A	B	C	D	Weight (kg)
1/2"	156	80	46	46	0.7
3/4"	160	80	46	46	0.7
1"	166	80	46	46	0.7





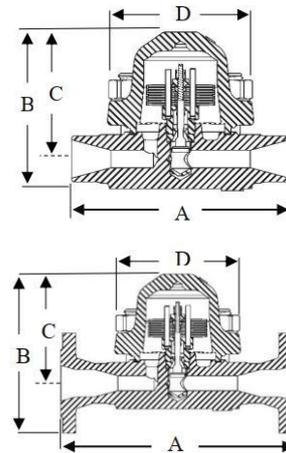
Description

Thermostatic bimetallic steam traps are made of carbon steel/ Stainless steel. A built in strainer is installed on this traps. These steam traps operate with no loss of steam and quickly drain non-condensable gases. These horizontal/vertical traps are easy to maintain.

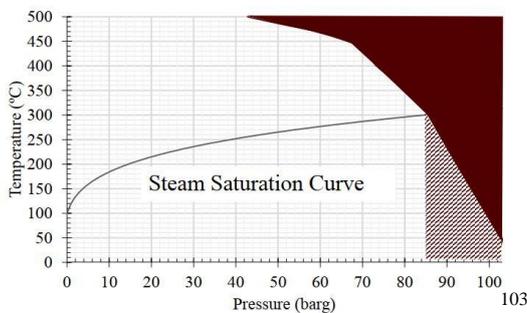
Material

NO	1	2	3	4	5	6	7	8
Part	Cover	Name plate	Valve assembly	Strainer screen	Gasket	Body	Nuts	Bolts
Material	A182 F12	SS304	Bimetal +SS304	SS304	SS304	A182 F12	C.S.	C.S.

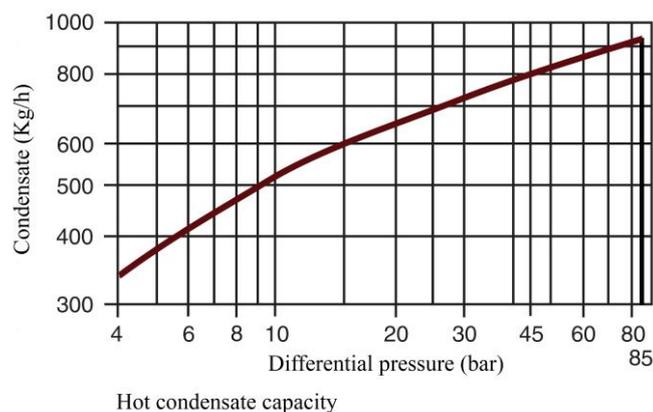
Size	A		B	C	D	Weight	
	Flanged	BW/SW				Flanged	BW/SW
1 1/2"	230	160	115	92	110	7	5.1
3/4"	230	160	115	92	110	9	5.1
1"	230	160	115	92	110	9	5.1



Pressure / temperature limits



Capacities



Available spares

- Bimetal
- Strainer screen
- Gaskets

Body design conditions	Class 600
PMA (Max. allowable pressure)	103.4 barg @ 20°C
TMA (Max. allowable temp.)	500 °C @ 42.8barg
Max. cold hydraulic test pressure	134 barg

Description:

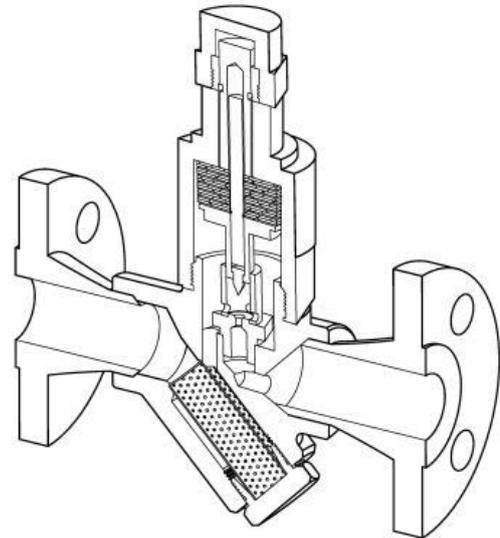
The KARAJET SM45 is a carbon steel medium pressure bimetallic thermostatic steam trap with an integral strainer and a replaceable seat for ease of maintenance. Typical applications include steam main lines and tracing lines etc.

Size and Pipe Connections:

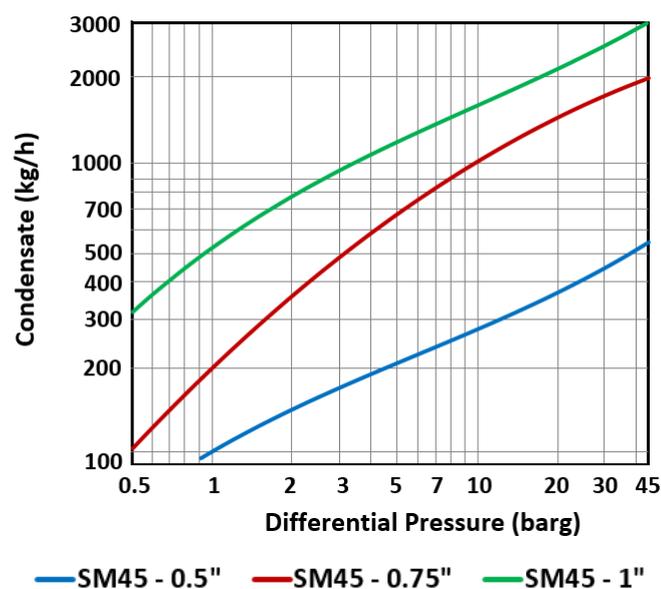
DN15 to DN25
Screwed BSPT/NPT/BSP and Socket Weld ends.
Available with Class 150 and 300 flanges.
Other sizes are available for flanged connection by request.

Material and Options:

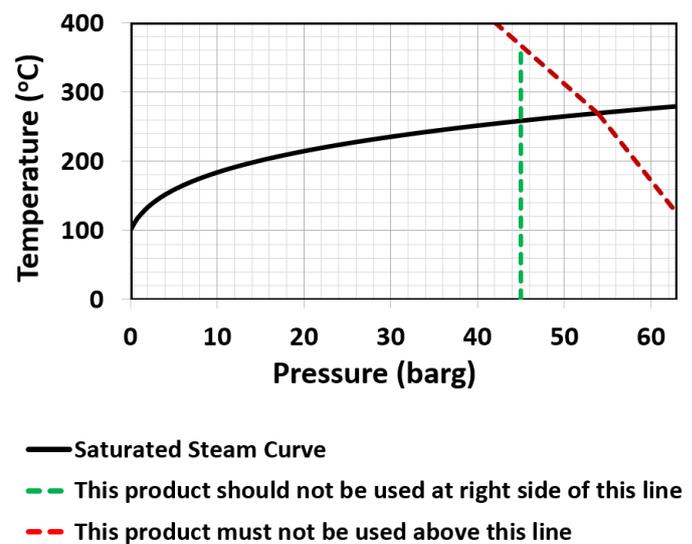
Other body materials such as Stainless Steel A182 F304-F316, Stainless Steel 420, Stainless Steel A743CA40 / A743CA40F are available.



Capacity Curve:



Limiting Conditions:



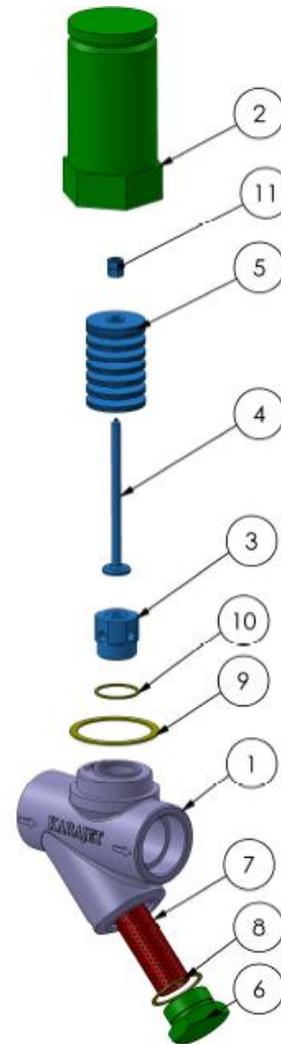
Body Design Conditions	PN63
PMA (Max. Allowable Pressure)	63 barg @ 125 °C
TMA (Max. Allowable Temperature)	400 °C @ 42 barg
PMO (Max. Operating Pressure)	45 barg @ 365 °C
TMO (Max. Operating Temperature)	365°C @ 45 barg
Max. Cold Hydro Test Pressure	95 barg

Material:

No.	Part	Material
1	Body	CS A105
2	Cap	CS A105
3	Seat	A479 Gr.304
4	Valve	A479 Gr.304
5	Thermostatic Element	Bimetal
6	Strainer Cap	CS A105
7	Strainer Screen	A240 Gr.304
8	Strainer Cap Gasket	A240 Gr.304
9	Cap Gasket	A240 Gr.304
10	Seat Gasket	A240 Gr.304
11	Locking Nut	Stainless Steel

Spare Part List:

No.	Part No.	Part
1	7	Strainer screen
2	8, 9, 10	Gaskets
3	6	Strainer cap
4	3, 4	Valve & Seat



Dimensions (mm):

Size	A		B	C	D	Weight (kg)		
	#150	#300				SW	#150	#300
½"	160	170	90	60	87	1.5	2.3	2.8
¾"	172	182	90	60	87	1.3	2.7	3.8
1"	182	192	96	60	93	2.1	4.1	5.2

