

PT40

STEAM TRAP WITH BIMETALLIC COLUMN



DESCRIPTION:

Thermostatic steam trap with bimetallic column, inbuilt strainer and stainless steel internals. Best suited for steam tracers, header drip legs, heating coils and various process & heating applications.

FEATURES:

Stainless steel protected bimetal plates resist corrosion.
Excellent resistance to water hammer.
Sub-cooling temperature is adjustable.
Tight shut off. No steam loss.
Long lasting. Modulating discharge. Excellent air venting capability.
Suitable for both saturated & superheated steam applications.

SIZES: NPS 1/2, 3/4

CONNECTIONS: Screwed (NPT/BSPT/BSP)
Socket Weld/Flanged

*End connection flanges of ASTM A105 forged carbon steel are weld on.

LIMITING CONDITIONS:

PMA: Max. allowable pressure	450 psig
TMA: Max. allowable temperature	800 °F
PMO: Max. operating pressure	315 psig 425 psig
TMO: Max. operating temperature	760 °F
Cold hydro test pressure	675 psig

INSTALLATION:

Trap should be installed in a horizontal plane with cover on the top, and below the drain point. Full port isolation valves should be installed upstream & downstream of the trap. Sufficient upstream piping capacity for accumulation of condensate should be provided to prevent condensate backing up into the equipment - 1mt. minimum.

IMPORTANT:

For new pipelines, ensure that the lines are properly flushed, prior to fitting the traps, to avoid strainer choke up.

MATERIAL :

No.	PART	MATERIAL	QTY (Nos.)
1.	Body	ASTM A105	01
2.	Cover	ASTM A216 Gr. WCB	01
3.	Controller Assy.	BIMETAL/SS	01
4.	Seat	STAINLESS STEEL	01
5.	Valve Stem	STAINLESS STEEL	01
6.	Strainer Screen	AISI 304	01
7.	Gasket	CAF / Graphite with SS304 Reinforced	01
8.	Bolts	ASTM A193 Gr. B7	04

DIMENSIONS: Nominal in inches

SIZE	A	B	C	D	
				#150	#300
1/2"	3.95	1.95	3.15	6.95	7.30
3/4"	3.95	1.95	3.15	7.10	7.50

WEIGHTS: (approx.)

SIZE	SCR/SW	FLANGED	
		#150	#300
1/2"	4.2 lbs	7.0 lbs	7.7 lbs
3/4"	4.2 lbs	7.9 lbs	9.7 lbs

AVAILABLE SPARES:

Controller Assy., Gaskets, Strainer Screen.

ORDERING INFORMATION:

Refer 'How to Order' page

