

PT31H

BALANCED PRESSURE THERMOSTATIC STEAM TRAPS



DESCRIPTION:

The PT31H is a balanced pressure expansion type bellow steam trap for draining instrument tracing lines and other similar applications. This steam trap is designed to remove condensates at temperatures below the saturation temperature of steam. Subcooling available: Standard-10K

SIZES: DN 8,10, 15, 20

CONNECTIONS: Screwed (NPT, BSPT, BSP)
Socket Weld

MATERIAL:

NO.	PART	MATERIAL	QTY. (Nos.)
1	BODY	AISI 304	1
2	COVER	AISI 304	1
3	VALVE SEAT	AISI 304	1
4	CAGE BODY	AISI 304	1
5	CAGE COVER	AISI 304	1
6	BELLOW ASSEMBLY	SS	1
7	GASKET	COPPER	1
8	STRAINER SCREEN	AISI 304	1
9	BOLT	SS	4
10	GASKET	GRAPHITE WITH AISI 304 REINFORCED	1

*ASTM-A182 GR-F304 on special request.

DIMENSIONS: Nominal in mm

SIZE	Ø D	L	Wt.
DN8, 10, 15, 20	100	130	1.2 kg

LIMITING CONDITIONS:

PMA: Max. allowable pressure	50 bar(g)
TMA: Max. allowable temp.	425 °C
PMO: Max. operating pressure	31 bar(g)
TMO: Max. operating temp.	316 °C
Cold hydro test pressure	75 bar(g)

Local regulations may restrict the use of this product below the conditions quoted.

Limiting conditions refer to standard connections only. In the interest of development and improvement of the product, we reserve the right to change the specifications without prior notice.

INSTALLATION: Vertical with inlet at top

AVAILABLE SPARES:

Controller, Strainer Screen, Gasket.

HOW TO ORDER:

PT31H DN8 BSP

ORDERING INFORMATION:

- 1) Inlet Pressure in bar(g)
- 2) Back Pressure in bar(g)
- 3) Operating Temperature in °C
- 4) Condensate Load in kg/hr
- 5) Size & Model
- 6) End Connections
- 7) Sub cooling °C

