

# PT31

## BALANCED PRESSURE THERMOSTATIC STEAM TRAPS



### DESCRIPTION:

The PT31 is a balanced pressure, diaphragm controlled steam trap for draining instrument tracing lines and other similar applications. This steam trap is designed to remove condensate at temperatures below the saturation temperature of steam. Subcooling available: 22 °F - Standard, 45 °F Optional

**SIZES:** NPS 1/4, 3/8, 1/2, 3/4

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

### MATERIAL:

NO.	PART	MATERIAL	QTY. (Nos.)
1.	BODY	AISI 304*	01
2.	COVER	AISI 304*	01
3.	COVER GASKET	NON-CAF	01
4.	STRAINER SCREEN	AISI 304	01
5.	CONTROLLER ASSY.	AISI 304	01
5.	GASKET	COPPER	01

\*ASTM-A182 GR-F304 on special request.

**DIMENSIONS:** Nominal in mm

SIZE	Ø D	L	Wt.
1/4, 3/8, 1/2, 3/4	2.16	2.8	1.81 lbs

### LIMITING CONDITIONS:

PMA: Max. allowable pressure	315 psig
TMA: Max. allowable temp.	428 °F
PMO: Max. operating pressure	315 psig
TMO: Max. operating temp.	428 °F
Cold hydro test pressure	475 psig

### INSTALLATION:

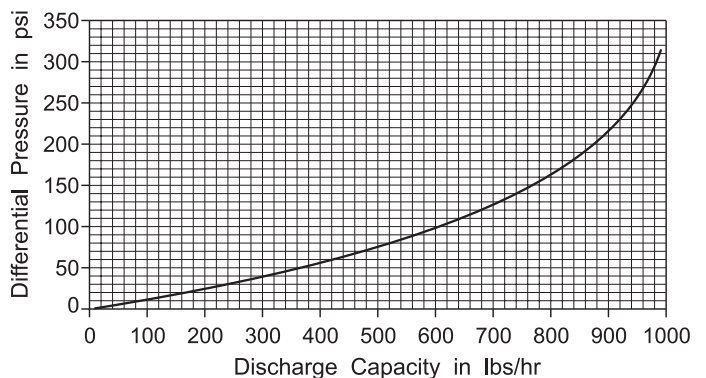
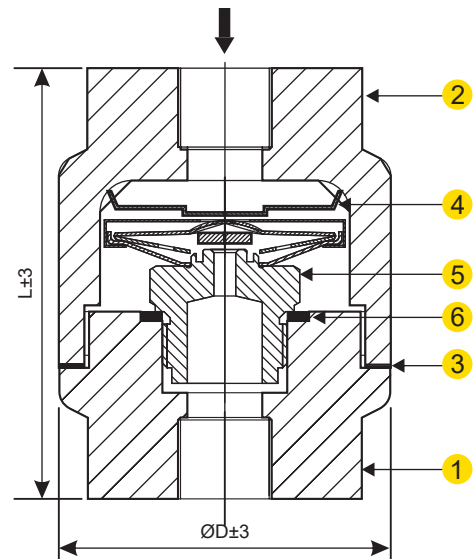
Preferably vertical with inlet from above.

### AVAILABLE SPARES:

Controller, Strainer Screen, Gasket.

### ORDERING INFORMATION:

Refer 'How to Order' page



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.