

## 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: 12°C - Standard, 6° C & 24°C - Optional

**SIZES :** DN 8,10, 15, 20

**CONNECTIONS:** Screwed (NPT, BSPT, BSP)  
Socket weld

## MATERIAL:

No.	PART	MATERIAL	QTY. (Nos.)
1.	BODY	ASTM A351 Gr. CF8*	01
2.	COVER	ASTM A351 Gr. CF8*	01
3.	CONTROLLER ASSY.	STAINLESS STEEL	01
4.	STRAINER SCREEN	AISI 304 (Perforated Sheet)	01
5.	GASKET	COPPER	01

\*CF8M on special request.

## DIMENSIONS - Nominal in mm

SIZE	Ø D	L	Wt.
DN8, 10, 15, 20	52	56	0.48 kg

## LIMITING CONDITIONS:

PMA: Max. allowable pressure	22 bar(g)
TMA: Max. allowable temp.	300 °C
PMO: Max. operating pressure	22 bar(g)
TMO: Max. operating temp.	250 °C
Cold hydro test pressure	44 bar(g)

## INSTALLATION:

Preferably vertical with inlet from above.

## AVAILABLE SPARES:

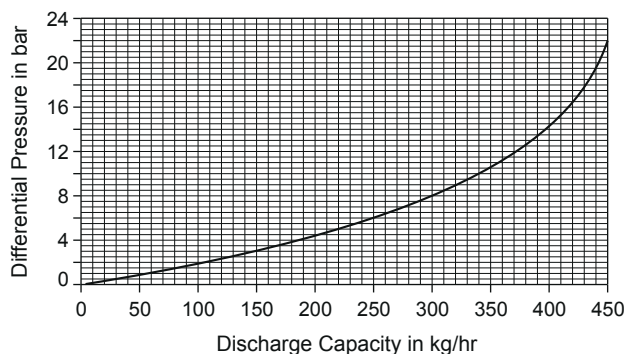
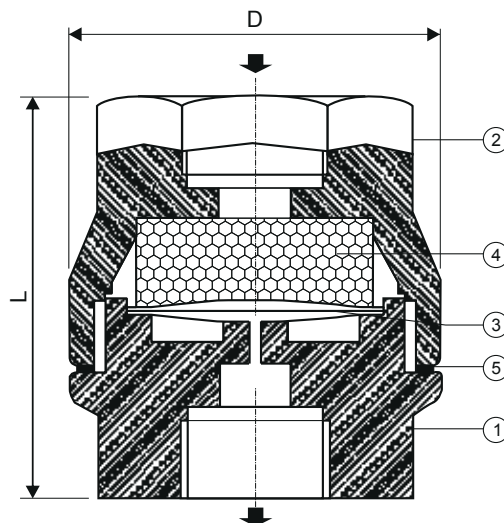
Controller, Strainer Screen, Gasket.

## HOW TO ORDER:

PT31 DN15 BSP

## ORDERING INFORMATION:

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



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.