

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: 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. | COVER GASKET | COPPER | 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. |
|-----------------|-----|----|--------|
| DN8, 10, 15, 20 | 55 | 70 | 0.8 kg |

LIMITING CONDITIONS:

| | |
|------------------------------|-----------|
| PMA: Max. allowable pressure | 22 bar(g) |
| TMA: Max. allowable temp. | 220 °C |
| PMO: Max. operating pressure | 22 bar(g) |
| TMO: Max. operating temp. | 220 °C |
| Cold hydro test pressure | 33 bar(g) |

INSTALLATION:

Preferably vertical with inlet from above.

AVAILABLE SPARES:

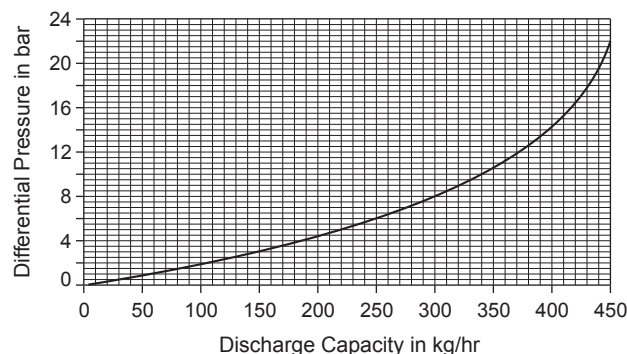
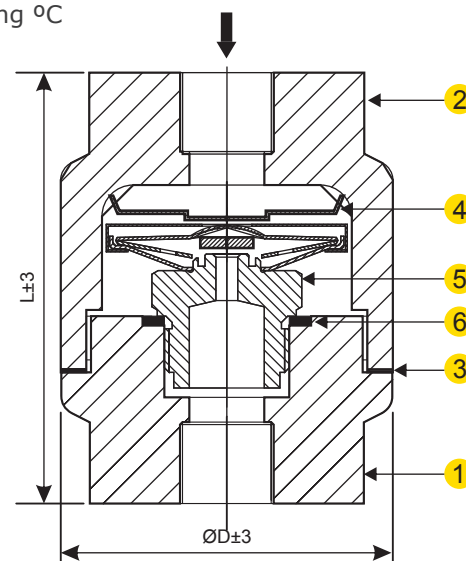
Controller, Strainer Screen, Gasket.

HOW TO ORDER:

PT31 DN15 BSP

ORDERING INFORMATION:

- 1) Inlet Pressure in bar(g)
- 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



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.

All Dimensions are in mm. weights in kg.