

PT17RU

THERMODYNAMIC STEAM TRAP WITH UNIVERSAL CONNECTION

DESCRIPTION:

Thermodynamic Steam trap having strainer & Complete replaceable working parts (disc & seat) facilitating economical & easy maintenance.

Lapped disc and seat provide a steam tight seal, withstanding continuous and prolonged operation. Condensate entry below the disc ensures a clean parallel lift of the disc with reference to the seat, eliminating localized wear & tear. Ideal for fluctuating loads and pressures.

SIZES: Universal Connection

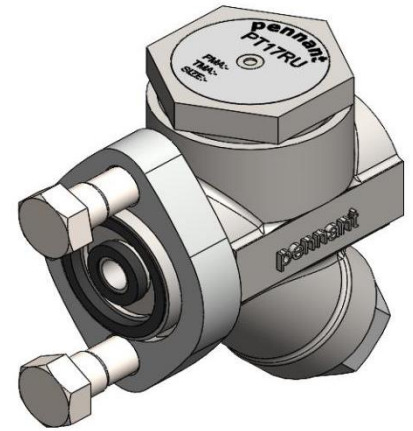
INSTALLATION:

This trap operates in any position but preferred installation is in horizontal plane with disc & cap on top. Isolation valves should be opened slowly until normal operating conditions are achieved to avoid system shocks.

MAINTENANCE:

The trap can be maintained inline without disturbing piping connections when fitted with Compact Module/Universal Connector. Ensure that trap is isolated- Upstream & downstream side before attempting to dismantle it.

Allow the trap to cool & depressurize before dismantling. For trouble-free performance, periodic cleaning of the disc and seat is recommended Only the disc & seat are subjected to wear. A worn Disc & seat should be replaced, as a set along with gaskets.



IMPORTANT:

The Trap should be installed as close to the drain point as possible. For new installation system should be flushed prior to installation.

LIMITING CONDITIONS:

PMA: Max. Allowable Pressure	56 bar(g) @ RT
TMA: Max. Allowable Temperature	425° C
PMO: Max. Operating Pressure	31.6 bar(g)
TMO: Max. Operating Temperature	425° C
Cold Hydro Test Pressure	84 bar (g)
Max. Diff. Pressure for Satisfactory Operation	0.25 bar (g)
Maximum operating back pressure at the outlet should not exceed 80% of the inlet pressure.	

DIMENSIONS:

MODEL	A	B	C	D	E	WEIGHT (Kg)
PT17RU	75	54	70	42	50	1.4

MATERIAL:

SR. NO	PART NAME	MATERIAL QTY	QTY
1	BODY	ASTM A105	01
2	DISC CAP	ASTM A743 Gr.CA40	01
3	DISC	AISI 410/420/D2	01
4	DISC SEAT	AISI 420/D2	01
5	STRAINER SCREEN	AISI 304 (Ø 0.8 PERF.)	01
6	STRAINER CAP	ASTM A743 Gr.CA40	01
7	TUBE	AISI 304	01
8	LOCATOR	AISI 304	01
9	INNER GASKET	Spiral Wound AISI304 Graphite	01
10	OUTER GASKET	Filler	01
11	LABEL (NOT SHOWN)	STAINLESS STEEL	01
12	CONNECTOR FLANGE	ASTM A743 Gr.CA40	01
13	RETAINER RING	STAINLESS STEEL	01
14	CONNECTOR GASKET (Inner)	GRAPHITE WITH SS REINFORCEMENT	01
15	CONNECTOR GASKET (Outer)		01
16	BOLT-CONNECTOR 3/8 - 16 UNC	SS 304	02

AVAILABLE SPARES:

Disc, Disc Seat, set of gaskets, Strainer Screen, Blow Down Valve.

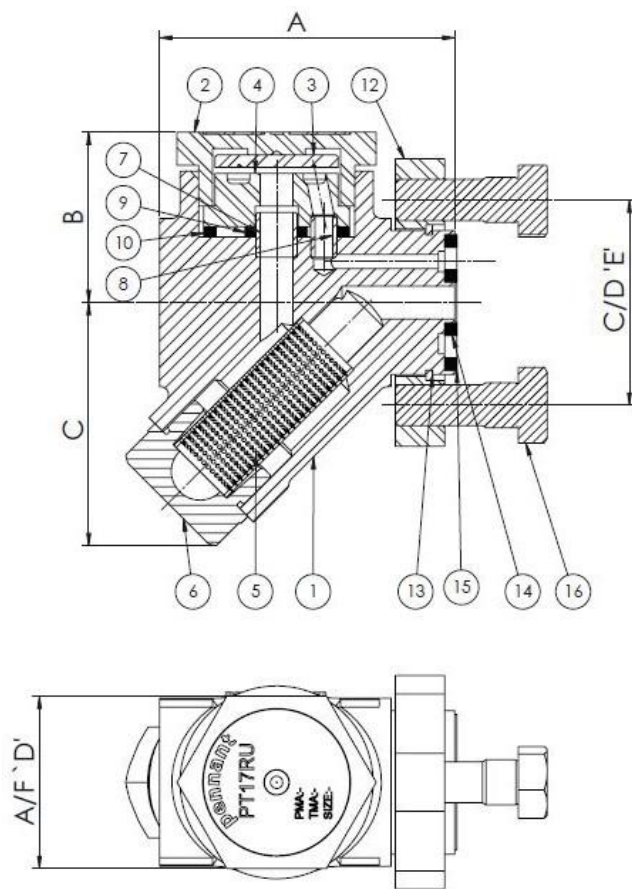
HOW TO ORDER:

PT17RU NIBR

ORDERING INFORMATION:

- 1) Inlet Pressure in bar(g)
- 2) Back Pressure in bar(g)
- 3) Size & Model
- 4) IBR/NIBR

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.



DISCHARGE CAPACITY:

