

Authorised Dealer:
 PUSHKARNA SALES PVT LTD.
 4772, Hauz Qazi, Delhi-110006.
 Telefax : 011-23217239/23216378.
 Emails : psp1@airtelmail.in,
 sales@pushkarnasales.com
 Site : www.pushkarnasales.com

Thermodynamic Steam Trap TD – 21

Description:
 Thermodynamic steam trap with inbuilt strainer and full stainless steel construction, best suited for header and mainline drains and drop legs.

Size:
 1/2" Screwed BSPT/NPT

Limiting Conditions:

PMO-Maximum operating pressure	21 bar g
TMO-Maximum operating temperature	427°C
Cold hydraulic test pressure	42 bar g
Minimum pressure for satisfactory operation	0.25 bar g

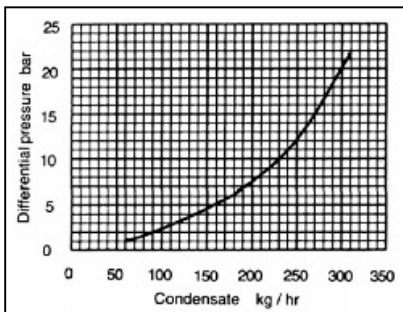
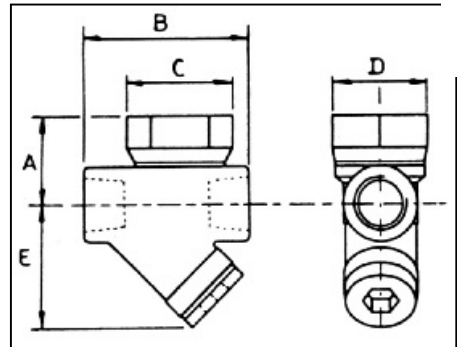
PMOB-Maximum back-pressure should not exceed 80% of the inlet pressure.



6.5

Material:

No.	Part Description	Material	Standard
1.	Body	St. Steel	ASTM A 743 GR CA-40
2.	Cap	St. Steel	ASTM A 743 GR CA-40
3.	Disc	St. Steel	ASTM A 743 GR CA-40
4.	Strainer Screen	St. Steel type	ASTM A 240
5.	Strainer Cap	St. Steel	ASTM A 743 GR CA-40



Dimensions (approximate) in mm.

Size	A	B	C	D	E
1/2"	33	62	40	36	45

Installation:

Preferably in horizontal pipe with the disc on top.
Can be fitted in other positions if unavoidable.

Available Spares:

The parts available as spares are shown in heavy outline. Parts drawn in dotted line are not available as spares.

Disc (Packet of 5)

Strainer Screen (Packet of 5)

How to Service:

Unscrew the cap using a spanner (36A/F). Do not use wrenches which may cause damage to the cap. If the disc and body seating faces are only slightly worn they can be resurfaced by lapping individually on a flat surface such as a surface plate. A figure of eight motions and a little grinding compound gives the best results.

If the wear is too great to be rectified by simple lapping, the seating face on the body must be ground flat and then lapped and the disc replaced by a new one. The total amount of metal removed in this way should not exceed 0.25 mm.

When reassembling, the disc is normally placed in position with the grooved side in contact with the body seating face. Screw on the cap, no gasket is required but suitable high temperature anti-seize grease should be applied to the threads.

How to clean or replace the strainer screen:

Unscrew the strainer cap using an alien key (12A/F), withdraw the screen and clean or if damaged replace with new one. To reassemble, insert the screen in the strainer cap and then screw the cap in its place. No gasket is required but a fine smear of suitable anti-seize grease should be applied to the threads.

