

PD11

LIQUID DRAIN TRAPS

DESCRIPTION:

Compressed air drain trap with inbuilt strainer, in full stainless steel construction suitable for draining light moisture loads from air lines.

FEATURES:

Complete stainless steel construction ensures better mechanical and corrosion resistance properties. The disc and seat are hardened by a special induction hardening process with seat harder than disc, to withstand continuous, prolonged operation. Specially designed disc makes the trap operate periodically, effectively discharging liquid immediately as it accumulates.

SIZES: NPS 1/2, 3/4

CONNECTIONS: Screwed (NPT/BSPT/BSP)/SW

LIMITING CONDITIONS:

PMA: Max. allowable pressure	600 psig
TMA: Max. allowable temperature	800 °F
Maximum operating back pressure at the outlet should not exceed 80% of the inlet pressure.	
Minimum differential pressure for satisfactory operation	3.65 psi
Cold hydro test pressure	900 psig

MAINTENANCE:

This trap can be maintained without disturbing the piping connections. Ensure that the trap is isolated - upstream and downstream - before attempting to dismantle it. For troublefree performance, periodic cleaning of the disc, seat and strainer screen is recommended. In extremely dirty conditions, it may be necessary to deepen the bleed scratch or make additional ones. The scratch should be over the area covered by and extending beyond the outer seat face.

OPTIONAL FITTINGS:

BLOW DOWN VALVE: When the blow down valve is opened, loose material collected in the strainer is purged.

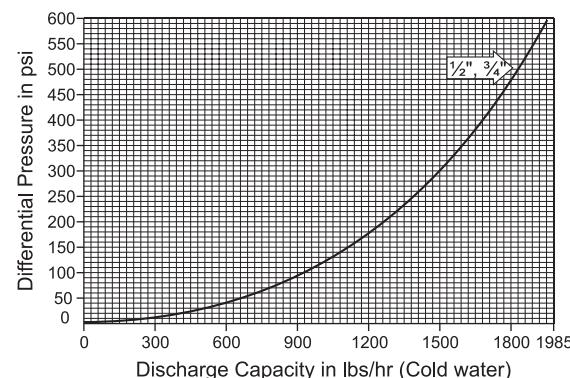
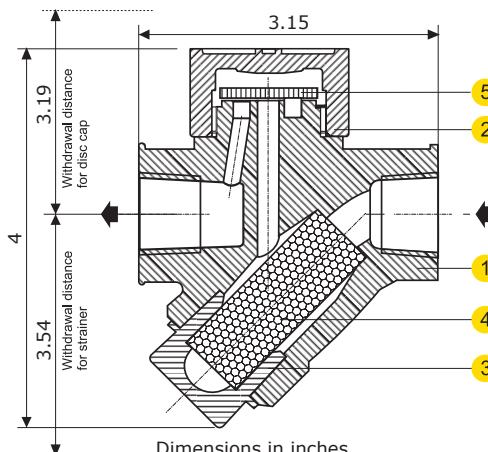
INSTALLATION:

The trap will operate in any position but the preferred installation is in a horizontal position with the disc cap on the top.

WEIGHT: 2.2 lbs

AVAILABLE SPARES:

Disc, Strainer Screen (Packet of 5), Blow Down Valve



MATERIAL:

NO.	PART	MATERIAL	QTY. (Nos.)
1	BODY	ASTM A743	1
2	DISC CAP	Gr CA 40 (Cast Equiv.)	1
3	STRAINER CAP	AISI 420	1
4	STRAINER	AISI 304 (Ø 0.8 PERF.)	1
5	DISC	AISI 410	1

ORDERING INFORMATION:

Refer 'How to Order' page

CAUTION:

DO NOT USE FOR HAZARDOUS/POISONOUS MEDIA