



DESCRIPTION:

Inverted bucket steam trap with integral strainer and all stainless steel internals. Best suited for equipment drains with medium to heavy condensate loads. Intermittent operation.

FEATURES:

The inverted bucket arrangement operates on the density difference between steam and water, giving a cyclic operation for discharge of the accumulated condensate.

High condensate handling capacities even at low pressure, permit the use of small trap sizes to suit many applications.

The valve and valve seat are hardened by a special induction hardening process to withstand continuous prolonged operation.

Perfect shut-off, no steam loss.

SIZES : ½", ¾", 1"

CONNECTIONS: Screwed (NPT)

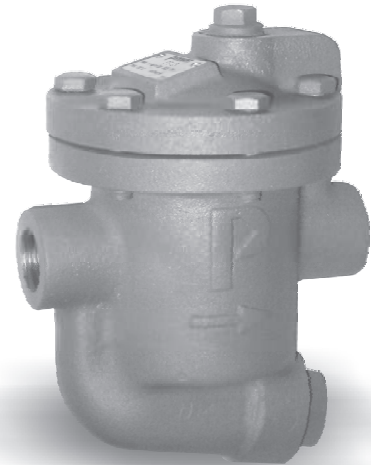
LIMITING CONDITIONS:

Max. pressure rating	250 psig
Max. temperature rating	428 °F
Maximum operating back pressure at the outlet should not exceed 90% of the inlet pressure.	
Minimum diff. pressure for satisfactory operation	1.5 psi

INSTALLATION:

The trap should be fitted with the inlet and outlet connections horizontally in-line. Correct fitment with body vertical is essential for easy movement of the bucket. The bypass arrangement should be above the level of the trap.

Full port isolation valves should be fitted before and after the trap, to be used when the trap has to be opened for maintenance.



MAINTENANCE:

This product can be maintained inline without disturbing the piping connections. Ensure that the trap is isolated - upstream & downstream - before attempting to dismantle it. It is recommended that the trap be opened periodically and the internals inspected for wear, damage, and dirt. All worn or damaged parts should be replaced with new spares. A full new internal kit comprising of the valve pin, valve seat, bracket and lever, should be replaced as a set. The bucket vent hole should be cleaned. The strainer screen should be removed and cleaned regularly.

IMPORTANT:

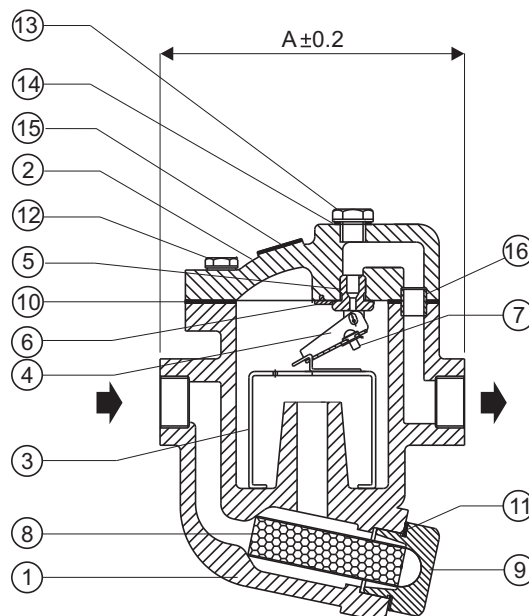
Ensure that the trap is primed by opening the inlet valve only a crack at start-up, allowing water to fill the trap before the steam enters. The inlet valve should be opened fully only after the trap is filled with water.

The trap should be installed as close as possible to the equipment to be drained.

For new pipelines, ensure that the lines are properly flushed, prior to fitting the trap.

MATERIAL:

No.	PART	MATERIAL	QTY. (Nos.)
1.	BODY	CAST IRON	01
2.	COVER	CAST IRON	01
3.	BUCKET ASSLY.	SS304 with CS / CI Reinforcing Ring where applicable	01
4.	LEVER ASSLY.	SS304	01
5.	VALVE SEAT (HARDENED)	13% CR STEEL	01
6.	BRACKET	SS304	01
7.	VALVE PIN (HARDENED)	13% CR STEEL	01
8.	STRAINER SCREEN	SS304 Perforated Sheet	01
9.	STRAINER CAP	ASTM A743 Gr CA40	01
10.	GASKET (COVER)	NON ASBESTOS	01
11.	GASKET (STRAINER)	NON ASBESTOS	01
12.	BOLT	HI-TENSILE	06
13.	PLUG	CARBON STEEL	01
14.	GASKET (PLUG)	NON ASBESTOS	01
15.	LABEL	SS	01
16.	LOCATING TUBE	SS304	01

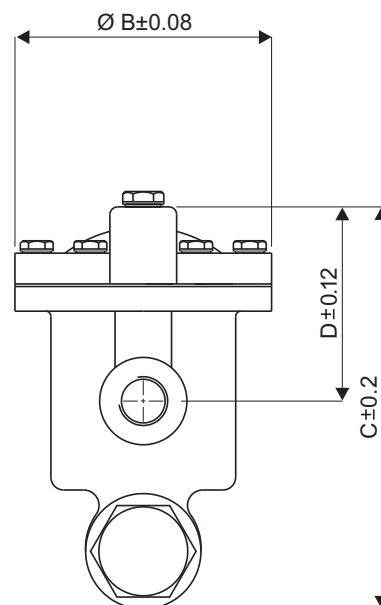

DIMENSIONS: (approx.) in inches

MODEL	SIZE	A	B	C	D	WEIGHT (lbs)
PT23-15	½"	4.7	3.95	6.3	2.8	7
PT23-20	¾"	4.7	3.95	7.9	3.7	8.4
PT23-25	1"	7	6.3	10	5.4	20.25

AVAILABLE SPARES:

SPARE KIT: Valve Pin, Valve Seat, Bracket & Lever Assly.
 (Op. diff. press. should be specified)

Bucket Assly, Set of Gaskets, Strainer Screen.



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.