

CAST IRON

**VERTICAL INVERTED
BUCKET TYPE STEAM TRAP**

**HIGH PERFORMANCE
UNDER DIFFERENT
STEAM PRESSURES**

DESCRIPTION :

'WJ' Cast Iron Vertical Inverted Bucket Type Steam Trap with Brass/S.S. (AISI-304) Bucket having screwed female ends : suitable for max. working pressure of 13 kg/cm² (185 PSIG) and temperature : 428°F (220°C).

Body Tested to: 26 kg/cm² (370 PSIG) HYD.

TESTING AND CERTIFICATION :

All traps are tested hydraulically at double the max. working pressure. Each trap is tested on steam line to see the performance of traps. Each trap is supplied with IBR Test Certificate in Form III-C issued by The Director of Boilers, Punjab.

DISCHARGE CAPACITIES :

Discharge capacities of Steam Traps under different steam pressures are given below in Kg/hour of hot condensate at temperature corresponding to the inlet steam pressure.

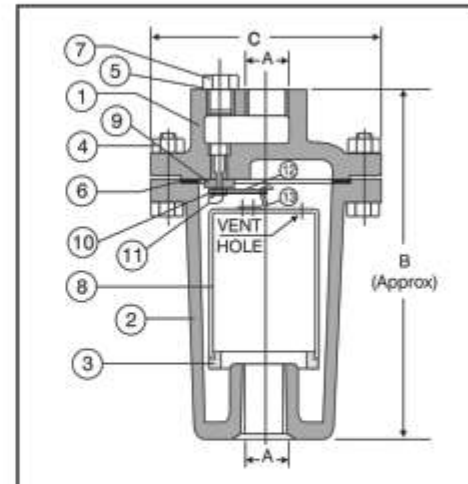
Note : These steam traps are suitable for Vertical and Horizontal Installation.



INLET STEAM PRESSURE		CAPACITY IN KILOGRAMS PER HOUR					
Kg/Cm ² g	PSIG	½"	¾"	1"	1¼"	½'	2"
0.70	10	400	850	1575	2600	4000	7800
1.76	25	425	850	1700	2700	4150	9000
3.52	50	380	850	1850	2850	4000	8200
5.27	75	425	1000	1725	2850	4150	8300
7.03	100	390	810	1625	2900	4700	8150
10.54	150	370	680	1575	2600	4300	8350
13	185	380	700	1650	2810	4500	8560

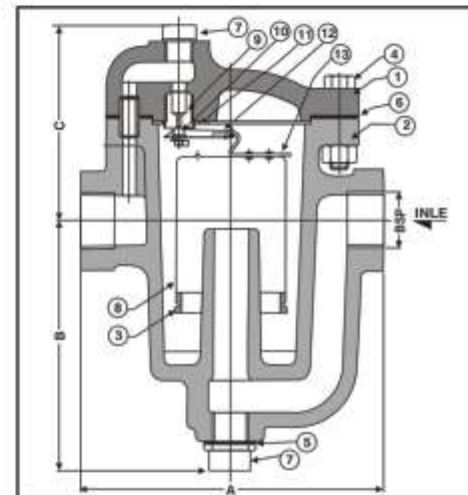
VERTICAL INSTALLATION

DIMENSIONS			
NOMINAL SIZE	A	B (Approx.)	C
15 mm (½")	½" BSP	168	110
20 mm (¾")	¾" BSP	200	138
25 mm (1")	1" BSP	265	187
32 mm (1¼")	1¼" BSP	325	220
40 mm (1½")	1½" BSP	325	220
50 mm (2")	2" BSP	352	240



HORIZONTAL INSTALLATION

DIMENSIONS			
NOMINAL SIZE	A	B	C
25 mm (1")	180	147	115
40 mm (1½")	----	----	----
50 mm (2")	----	----	----



MATERIALS

PART No.	NAME OF PART	MATERIAL	SPECIFICATION
1.	Cover	Cast Iron	IBR 86 to 93 Gr. A
2.	Body	Cast Iron	IBR 86 to 93 Gr. A
3.	Bucket Ring	Cast Iron	IBR 86 to 93 Gr. A
4.	Nuts & Bolts	M.S.	----
5.	Gasket Washer	Steam Jointing	----
6.	Gasket	Steam Jointing	----
7.	Plug	Bronze	IBR 282 (a) (IV) Gr. B
8.	Bucket	S.S. Sheet	----
9.	Valve Seat	S.S.	AISI-410
10.	Valve Ball	S.S.	AISI-304
11.	Hook Plate	S.S.	AISI-304
12.	Lever	S.S.	AISI-304
13.	Bucket Hook	S.S.	AISI-304