

Description

This type of ball float steam trap with integral automatic air venting facility is designed for using the place where much amount of drain is expected such as heat exchangers, dryers or heaters. This trap has simple construction and reliable operation due to their lever float type, with Cast Steel body. It is available in horizontal flanged connections.



Limiting Conditions

Body Design Conditions	PN25
PMO - Maximum Operating Pressure	14 kgf/cm ²
TMO - Maximum Operating Temperature	300 °C
PMA - Maximum Allowable Pressure	25 kgf/cm ²
TMA - Maximum Allowable Temperature	350 °C
Cold Hydraulic Test Pressure	38 kgf/cm ²

Operating Range

Δ PMX – Maximum differential pressure

Model	Δ PMX
992FT - 5	5 kgf/cm ²
992FT - 14	14 kgf/cm ²

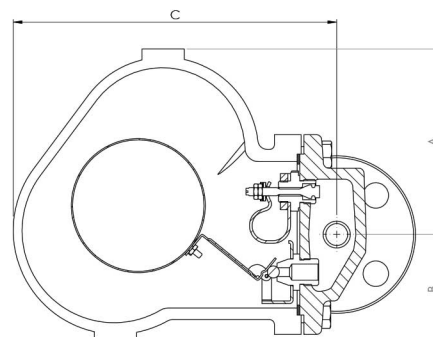
Sizes and Pipe Connections

DN 15, 20, 25 Flanged (ANSI B16.5)

Dimensions / Weights (Approximate) mm and kg

Size	A	B	C	F-F	Weight
DN15	140	80	240	210	17
DN20	140	80	240	210	17.5
DN25	140	80	240	210	18

Construction are a bit different according the sizes





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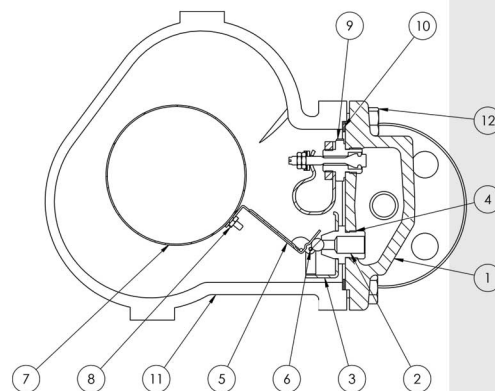
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E.S.E. Valve Co.

Ball Float Steam Traps - 992

Materials

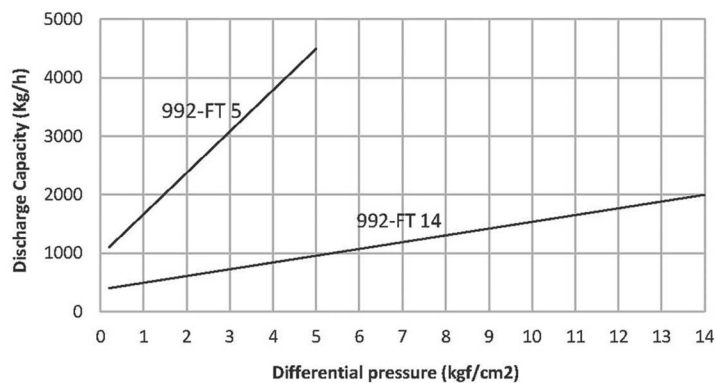
No.	Part	Material
1	Body	ASTM A216 WCB
2	Seat *	AISI 316
3	Support *	AISI 316
4	Bolt	Stainless Steel
5	Lever *	AISI 316
6	Pivot Pin	Stainless Steel
7	Ball Float *	AISI 316
8	Nut	Stainless Steel
9	Air Vent Assembly*	AISI 316
10	Cover Gasket *	Reinforced Exfoliated Graphite
11	Cover	ASTM A216 WCB
12	Bolt M12x1.5x40	ASTM F568M 10.9



Note: (*) Spare Part

Capacities

Maximum continual discharge amount (Kg/h)



Note: Capacities shown are based on discharge at saturation temperature. In 992FT when discharging sub-cooled condensate, the air vent provides extra capacity. Under start up conditions, the air venting will be open, and will provide additional condensate capacity to outlet.

Installation

The trap should be installed in a horizontal pipeline with the direction of flow as indicated by the arrow on the trap body.

How to Order

Example: FT992 – DN20 – 14, Ball Float Steam Trap.

Design and specification are subject to change without notice