



BFSS Series Float and Thermostatic Stainless Steel Steam Trap

Description and Operation

The BFSS "Stainless Steel" Float and Thermostatic Steam Trap is a mechanical trap operating on the difference of density between steam and water. Condensate is discharged at steam temperature and at a continuous rate making it ideal for main drip, heat exchangers, steam separator, and heating coil applications. The mechanical principle of Float and Thermostatic Steam Trap is composed of an integral stainless steel Thermostatic Air Vent, Lever Mechanism, and Valve Seat.

- THE MATERIAL OF INTEGRAL MECHANISM IS ALL STAINLESS STEEL & VALVE SEAT IS HARDENED S.S. – Resistance of Corrosion
- THE INTEGRAL STAINLESS STEEL THERMOSTATIC AIR VENT – Be able to discharge the large amount of non-condensates when the machine turns on. Resist waterhammer
- Internals are fully removable inline with breaking the inline connections
- Installation Direction – Horizontal Direction ONLY
- Optional Vacuum Breaker

Capacities to 25,000 lbs/hr

Maximum Operating Pressure: 300 psig

150 with 150lb flanges

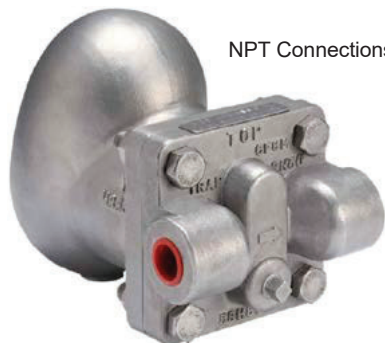
Maximum Operating Temperature: 450F

Sizes: 1/2" - 3"

Connections: NPT or 150/300lb ANSI Flg



150 or 300lb Flanged Connections



NPT Connections

General Material:

CAP & BODY	S.S304.
FLOAT	STAINLESS STEEL 304
MECHANISM	STAINLESS STEEL 304
SEAT & VALVE	HARDENED S.S
AIR VENT CAGE	STAINLESS STEEL 304
BOLTS & NUTS	STAINLESS STEEL 304