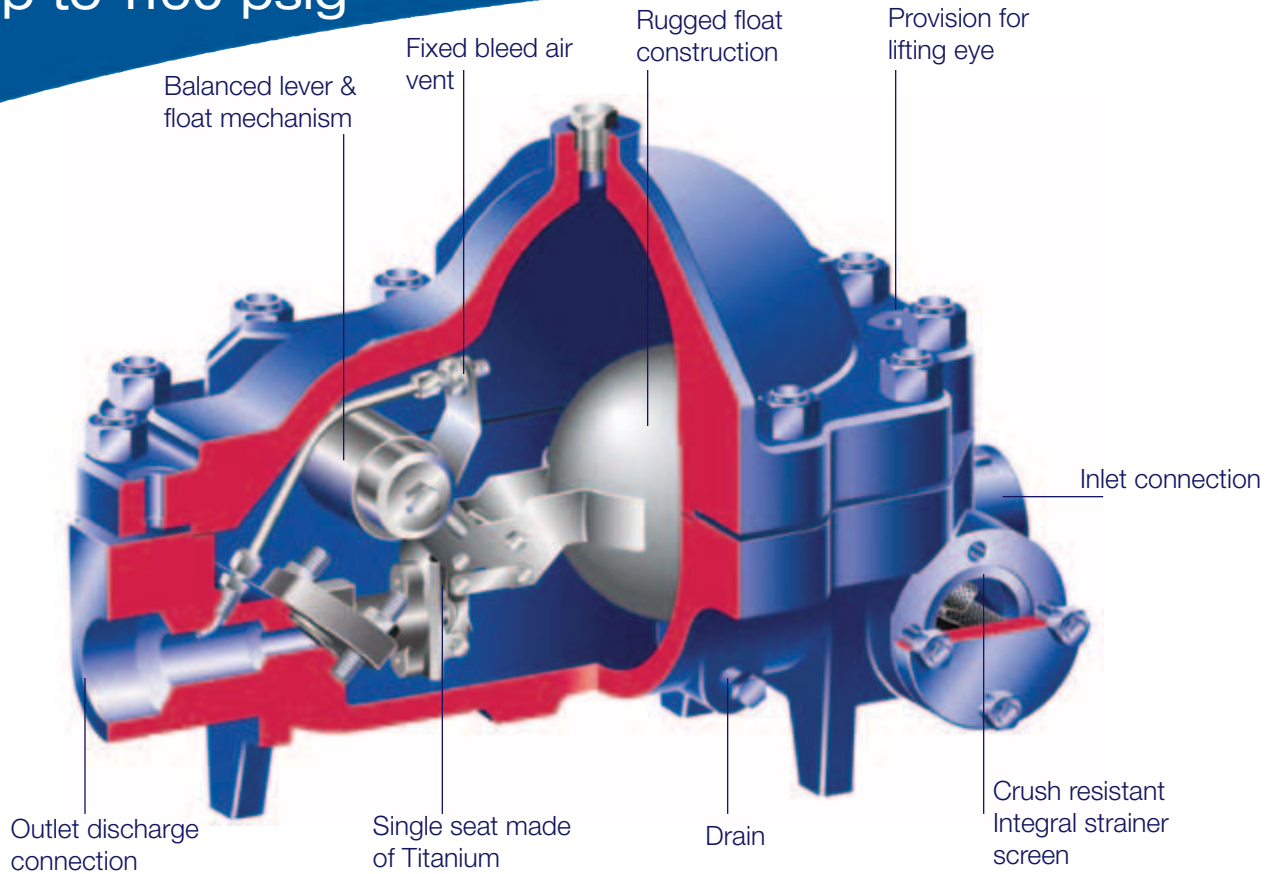


FTC80-FB

ball float steam trap for pressures
up to 1160 psig



The FTC80-FB has been designed as a premium solution for process applications in the chemical and hydrocarbon processing industry where pressures can be as high as 1160 psig.

Key features:

- Self-modulating mechanism to provide soft and continuous discharge, which helps to maintain stable process conditions.
- Built-in, innovative strainer screen with 50% more surface area to ensure extended trouble free service (Patent pending).
- Easy, in-line access to internal parts to simplify cleaning, and lower maintenance costs.
- Incorporates a counter-balanced lever and float mechanism, which makes the design compact (Patent Pending).
- Constant water seal design to eliminate steam losses under low-load conditions.
- Tight shut-off under no-load conditions, even if water seal is lost, prevents steam wastage.
- Single seat manufactured from Titanium to ensure tight shut-off and extended service life.

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Steam applications up to 1160 psig:

- Drainage of process equipment including Distillation reboilers, Air heating coils, Reactors, Evaporators and Process heat exchangers.
- Separator drainage.
- Steam turbine drainage.

FTC80-FB options

The FTC80 ball float steam trap is cast steel bodied, designed for pressures up to 1160 psig. The standard FTC80-FB is available with the following connections (other connections are available upon request but may be subject to extended delivery):

Pipeline connection	Flanged ASME (ANSI) 600	Socket weld
Condensate inlet	1½" or 2"	DN40 (1½") or DN50 (2")
Condensate outlet	1½" or 2"	DN40 (1½") or DN50 (2")
Flow direction	Standard orientation Right to left	Standard orientation Right to left
Drain	3/ 8" screwed NPT with a plug	3/ 8" screwed NPT with a plug
Differential pressure	652 psig, 900 psig or 1131 psig	652 psig, 900 psig or 1160 psig
Connections suitable for lifting eyes	½" UNC x 2	½" UNC x 2

Note that operating pressure is limited to 1131 psig with ASME (ANSI) 600 flanges.

Other options available upon request:

- Flow direction – Left to right.
- Condensate inlet / outlet connections – Screwed NPT or BSP, But weld, Flanged ASME (ANSI) Class 300 / 900, PN63, JIS/KS 20 / 40, Ring type joint.

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