

LEVER FLOAT STEAM TRAP

Model: VFT14



1. Forged steel cover with good mechanical performance and corrosion resistance.
2. Disc and seat is stainless steel, heat treatment and technical treatment add the hardness ensure longer service life.
3. Smart lever structure, disc will slowly close/open, reduce impact and ensure long service life.
4. Water seal design, prevent steam leakage and steam lock.
5. Build in air vent, prevent air lock.
6. Build in screen ensure good operation.
7. Horizontal and vertical installation both available.
8. Drain plug easy for maintenance, preventing freezing and crushing of the floating ball in low temperature environment.

TECHNICAL SPECIFICATION

Design standard: GB/T12250-2005, GB/T12250-2023

Face to face: GB/T2654-2008

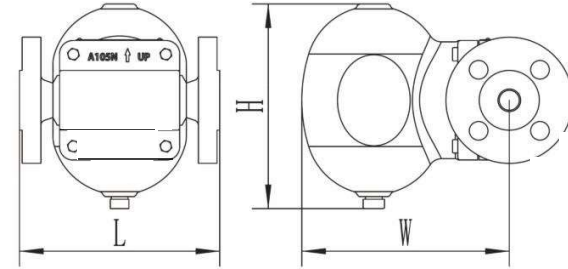
Connection standard: HG/T20592, ASME B16.5, GB/T14383, ASME B16.11

Test and inspection: GB/T12251-2005, ISO6948, ISO7840, ISO7842

NAME	MATERIAL
Body	WCB, SS304
Float ball	SS304
Lever controller	SS304+SS420
Air vent	SS304
Screen	SS304
Cover	WCB, SS304
Flange	A105, SS304
Nameplate	SS304
Bolt	CS

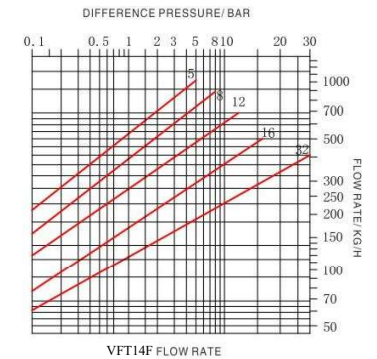
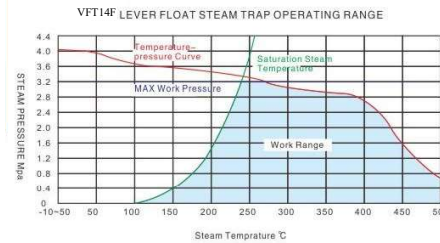
WORK PRINCIPLE

1. Discharge condensate and air. Air vent open since fluid under set temperature, condensate and air be quickly discharged.
2. Discharge condensate. Condensate increase and fluid level raise, so the float ball drive the disc open, and condensate be quickly discharged.
3. Block steam. Condensate decrease and fluid level lower, float ball drive the disc closed, steam be blocked.
4. Air vent closed since fluid temperature raised. Steam trap will switch from 2/3 as a work cycle.



MODEL	DN	L	H	W	Weight/Kg
VFT14F	DN15	150	154	158	6.4
VFT14F	DN20	150	154	158	6.8
VFT14F	DN25	160	154	158	7.5
VFT14R	DN15	120	154	158	5.2
VFT14R	DN20	120	154	158	5.2
VFT14R	DN25	120	154	158	5.1
VFT14W	DN15	120	154	158	5.3
VFT14W	DN20	120	154	158	5.2
VFT14W	DN25	120	154	158	5.1

WORK MEDIA	STEAM, WATER
Nominal Pressure	PN40
Max Work Pressure	3.2MPa
Max Pressure Difference	3.2MPa
Max Allowable Temperature	270°C/3.2MPa
No Load Leakage Rate	≤ 0.5%
Max Back Pressure Rate	≥ 85%



NOTICE:

1. Can install in horizontal and vertical direction, flow direction indicated on body. Clean the pipeline before installation. Clean condensate with drain plug, preventing freezing and crushing of the floating ball in low temperature environment.
2. Widely applied in steam conveying pipeline, small heat exchanger, heating device, drying device.
3. Please offer model number, nominal size, connection type, required size.



All your process control needs

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