



Description

1. Compact, light weight, reducing installation costs.
2. The unique-shaped knife edge and to prevent leakage without gaskets.
3. Only one moving part stainless steel disc, to ensure reliable operation and minimal maintenance.
4. Emissions quickly, tightly closed, and no suck, to ensure maximum equipment efficiency.
5. The working pressure of various types of trap are the corresponding model, selection and replacement easy.
6. Solid structure, long service life, resistance to heat, water hammer, cold and vibration.
7. Can horizontal and vertical installation, reducing installation problems.

Selection of possible applications

The valve is applicable in the steam pipeline and equipment to avoid steam leakage and eliminate steam leakage in order to conserve energy and keep from water hammer and other faults. Applications in condensate Systems, General Industries, Pharmaceuticals, Power Generation, Primary Processing, Steam Systems, Utilities, and so on.

Selection of possible flow media

Steam

TF Thermo-Dynamic steam traps

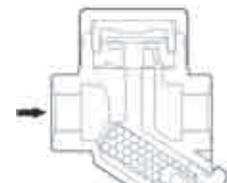
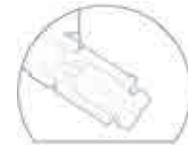
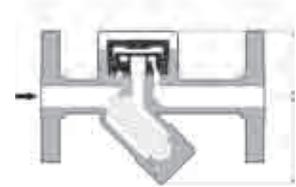
TF16 Thermo-Dynamic steam traps

TF16 Dimensions and weights(mm/kg)

Type	Sizes	A	B	C	Weights
TF16	15.20	80	52	58	1
	25	90	55	65	1.3

TF16F Dimensions and weights(mm/kg)

Type	Sizes	A	B	C	Weights
TF16F	15	150	48	59	3.5
	20	150	60	60	5
	25	160	62	62	6



BV Bleed Valves

Steam and impurities within the filter can be emissions.

TC Temperature controller

Temperature controller Front-end filter can be used to install the temperature sensor trap to monitor the internal temperature to determine whether it is working normal.

Size and connections

TF16 1/2" , 3/4" 和 1" BSP/ NPT, TF16F DN15, 20, 25 PN16

Materials

Body	Cast steel/ Stainless steel	ASTM 216-WCB/ANSI 316
Cover	Stainless steel	ANSI 416
Disc	Stainless steel	ANSI 316
Mesh	Stainless steel	ASTM 304 S16
Filter cover	Stainless steel	AISI 416

Limits (ISO 6552)

conditions

PMA -

TMA -

cold hydraulic test pressure of:

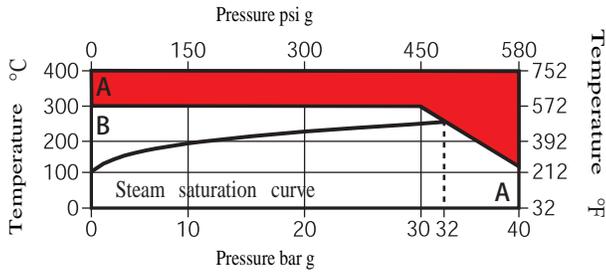
362.6 psi/PN25

362.6 psi g/25 bar g

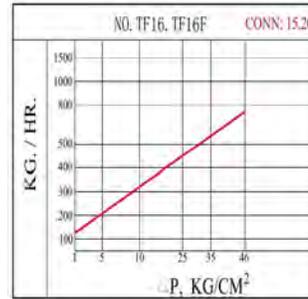
572 ° F/300° C

551 psi/38 bar

Temperture and Pressure limits



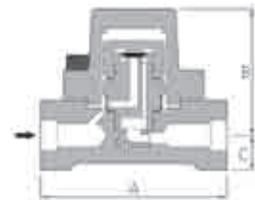
Capacities(Drainage line side number is pore size)



TF45 Thermo-Dynamic steam traps

TF45 Dimensions and weights(mm/kg)

Type	Sizes	A	B	C	Weights
TF45	15.20.25	113	90	25	1.4



Size and connections

1/2", 3/4" 和 1" BSP/NPT ANSIB 16.5 Class 300 和 600

Materials

Body&Cover	Alloy steel	ASTMA743 CF 16 Fa
Bottom cover	Stainless steel	ASTMA351 CF 8
Cover gasket	Spirally wound stainless steel with exfoliated graphite fler	
Disc&Seat	Chromium steel	ASTMA240 316L
Strainer screen	Stainless steel	ASTMA240 316L

Limits (ISO 6552)

conditions

PMA -

TMA -

cold hydraulic test pressure of:

PMOB -

80% Upstream pressure

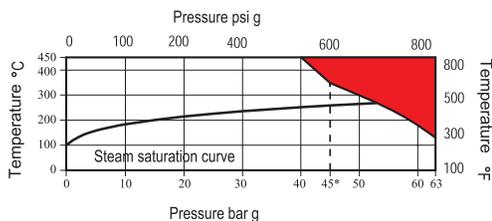
914 psi/PN63

914 psi g/63 bar g

842 ° F/450 ° C

1378 psi g/95 bar g

Temperture and Pressure limits



Capacities(Drainage line side number is pore size)

