



## **Description**

1. Emissions quickly, tightly closed, equipment no water, built-in air vents to ensure that equipment quickly start and maintain maximum operating efficiency.
2. The body is rugged, resistant to water hammer and vibration, to ensure reliable operation.
3. Large displacement ensures that any conditions without water.
4. Stainless steel internal parts, corrosion-resistant, long service life.
5. Can be mounted horizontally or vertically, the direction of the problem is not exist.
6. Compact, light weight, reducing installation costs.

## **Selection of possible applications**

A Float steam trap can drain condensate as quickly as it forms while at the same time removing air and other non-condensable gases which may be present at start-up or collect during operation. Condensate never backs up into the steam space, gases collect in the top of the trap and are removed through a separate integral air vent.

## **Selection of possible flow media**

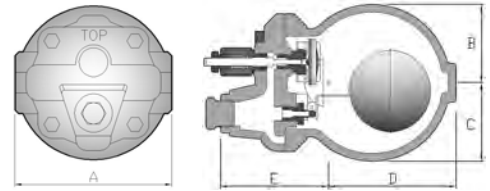
Steam

## FT Float steam traps

### FT14 Float steam traps

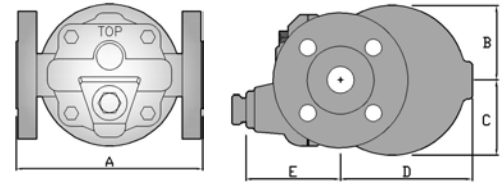
FT14 Dimensions and Weights(mm/kg)

Type	Sizes	A	B	C	D	E	Weights
FT14	15.20.25	146	61	61	100	84	4.5

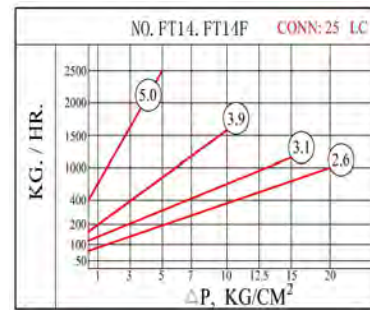
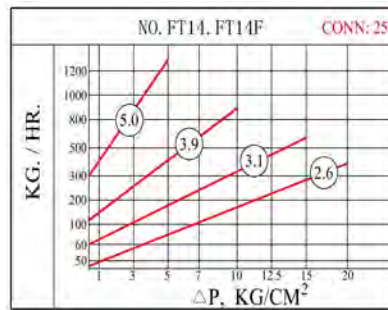
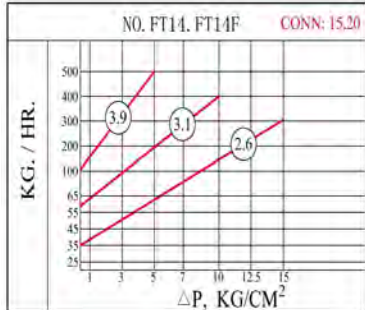


FT14F Dimensions and Weights(mm/kg)

Type	Flangesizes	A	B	C	D	E	Weights
FT14F	15.20	150	50	50	55	115	6
	25	160	61	61	111	72	6.5



Capacities(Drainage line side number is pore size)



### Size and connections

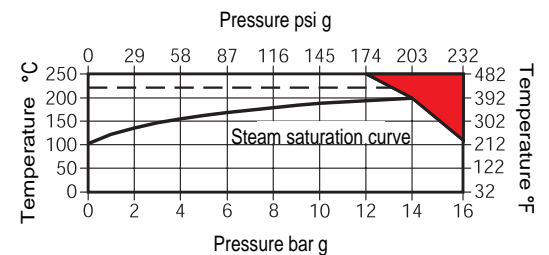
½", ¾", 1", 1¼", 1½", 2" BSP or NPT DN15, 20, 25 Flange BS 4504 PN16,

ANSI 150 和 JIS/KS 10 FT14 -DN15, 20, 25 H or V connection

### Materials

Body/Cover	Ductile iron	DIN 1693 GGG 40/ 40.3
FT14	Cast iron	DIN 1691 GG25
Studs	Steel	ASTM A193 B7
Gasket	Nickel Reinforced Exfoliated Graphite	
Internals	Stainless steel	

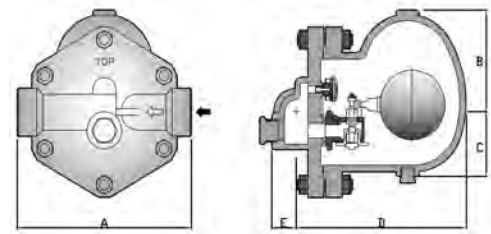
### Temperature and Pressure limits



**FT43 Float steam traps**

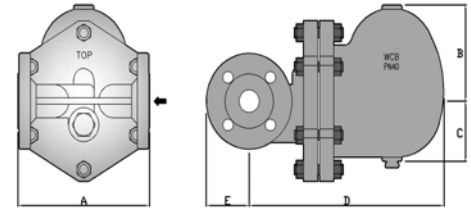
FT43 Dimensions and Weights(mm/kg)

Type	Sizes	A	B	C	D	E	Weights
FT43	40	270	150	94	264	38	28
	50	300	150	94	268	42	29

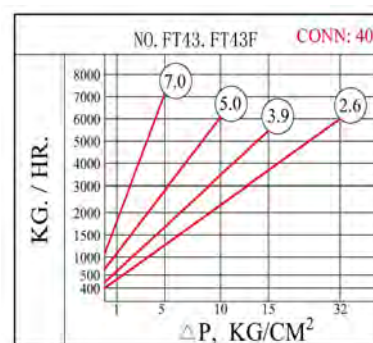
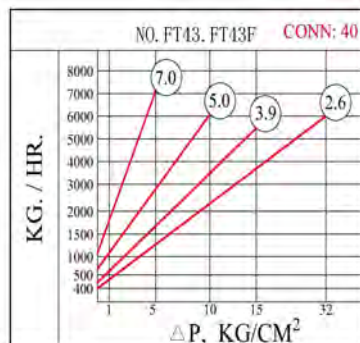
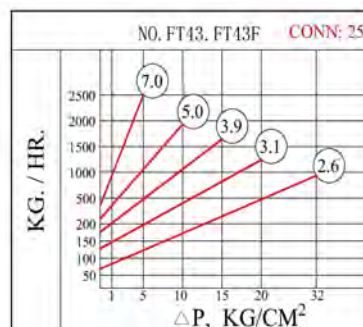
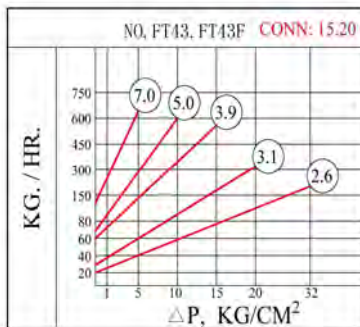


FT43F Dimensions and Weights(mm/kg)

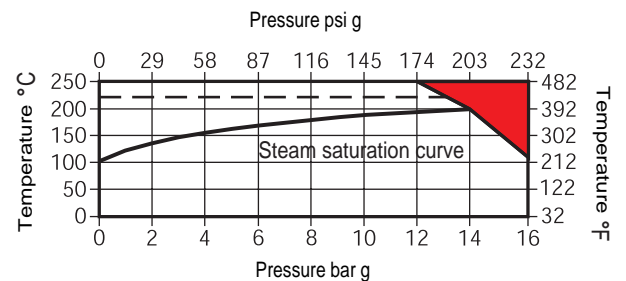
Type	Sizes	A	B	C	D	E	Weights
FT43F	15.20	154	65	65	190	53	10.8
	25	160	99	76	253	63	10.8
	40	230	150	94	341	75	33
	50	230	150	94	384	83	34



Capacities(Drainage line side number is pore size)



Temperature and Pressure limits



**Size and connections**

DN40, 50, 80, 100 Flange ANSI150 300 DIN1092-2 H or V connection

**Materials**

Body/Cover	DN25 - 50	Cast iron	Cast steel
	DN80 - 100	Cast iron	Cast steel
Studs	DN25 - 50	Steel	
	DN80 - 100	Steel	
Gasket	Nickel Reinforced Exfoliated Graphite		
Internals	Stainless steel		

**Limits (ISO 6552)**

conditions

PMA -

TMA -

maximum cold hydraulic test pressure of:

PMX FT43 - 4.5 (4.5 bar) FT43 - 10 (10 bar) FT43 - 14 (13 bar)

PN 16

16 bar g

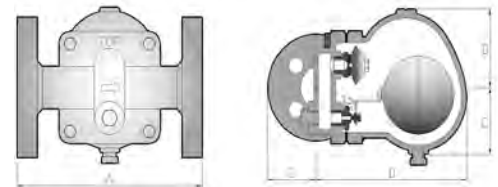
220° C

24 bar g

**FT44/FT46/FT47 Float steam traps**

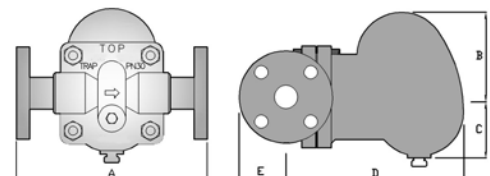
**FT44 Dimensions and Weights(mm/kg)**

Type	Sizes	A	B	C	D	E	Weights
FT44	15.20.25	180	70	60	149	23	6
	32	180	80	67	190	25	9
	40.25	265	176	101	349	69	21
	80.100	350	267	225	562	83	94.5



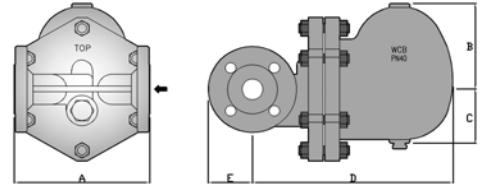
**FT46 Dimensions and Weights(mm/kg)**

Type	Sizes	A	B	C	D	E	Weights
FT46	15.20.25.50	210	97	61	190	50	7.2

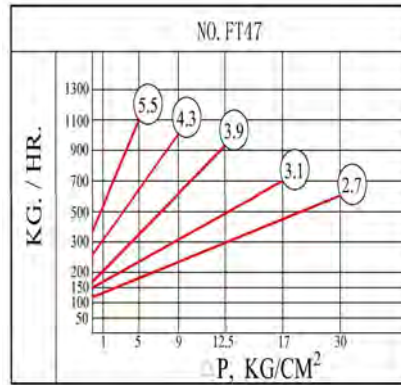
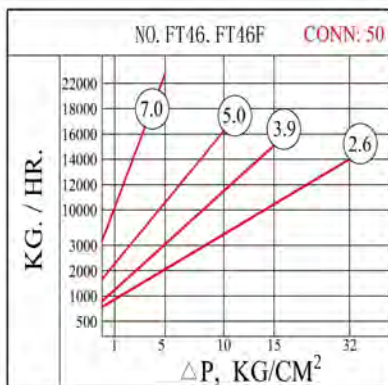
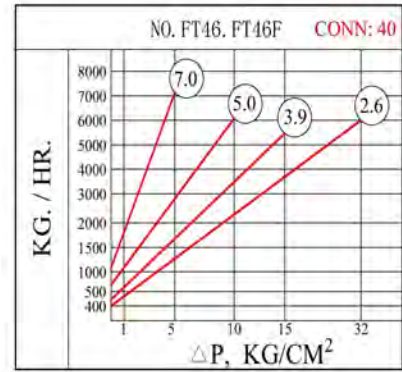
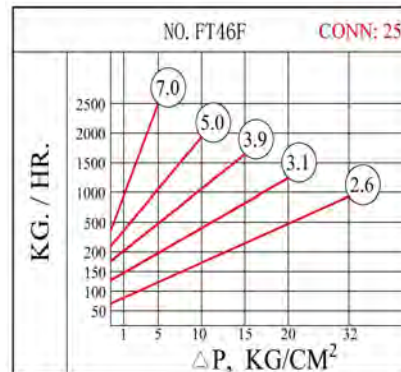
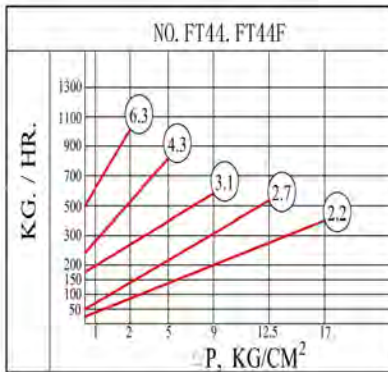


FT47 Dimensions and Weights(mm/kg)

Type	Sizes	A	B	C	D	E	Weights
FT47	15.20	154	65	65	190	53	10.8
	25	160	99	76	253	63	10.8
	40	230	150	94	341	75	33
	50	230	150	94	384	83	34



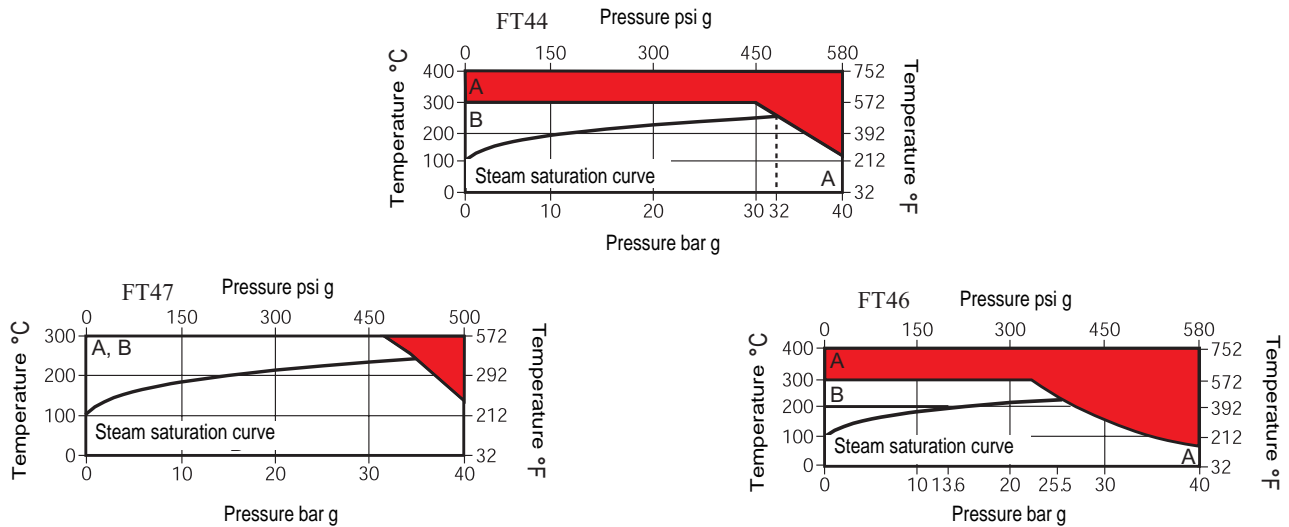
Capacities(Drainage line side number is pore size)



Technical Specifications

Type	FT47	FT46	FT44
Sizes	DN15, 20, 25 40, 50, 80, 100	DN15, 20 25, 40, 50	DN15, 20 25, 40, 50
Condition	40barg , 400° C	40barg, 300° C	40barg, 300° C
maximum cold hydraulic test pressure of: 60barg			
Materials	Cast steel DIN17245 GS-C25N	Stainless steel/Stainless steel	Ductile iron DIN1693 GGG 40.3
Gasket	Nickel Reinforced Exfoliated Graphite	Stainless steel	Nickel Reinforced Exfoliated Graphite
Internals	Stainless steel		
Conection	Flange ANSI300/150, PN40	PN40 ANSI	PN40 ANSI

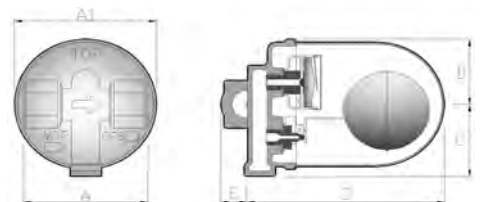
Temperture and Pressure limits



**FTS14 Float steam traps**

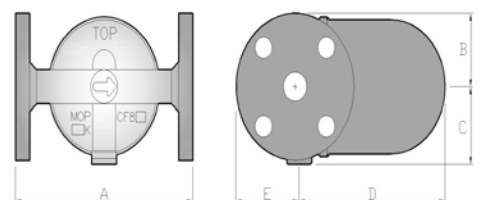
FTS14 Dimensions and Weights(mm/kg)

Type	Sizes	A	A1	B	C	D	E	Weights
FIS14	15.20	83	95	48	52	132	18	1.2



FTS14F Dimensions and Weights(mm/kg)

Type	Flangesizes	A	B	C	D	E	Weights
FIS14F	15.20	150	50	50	55	115	6
	25	160	61	61	111	72	6.5



**Size and connections**

½", ¾" 和 1" BSP (BS 21, DIN 2999), NPT (ANSI B 1.20.1): ANSI B 1.6.11 BS 3799 Class 300 和 DIN 3239 DN15, 20, 25 ANSI B 16.5 Class 150/300 EN 1092-1 PN10/PN25

**Materials**

Body/Cove	Stainless steel	EN 10213-4(1.4408) ASTM A351 CF8M
Studs	Stainless steel	EN 3506 A2-70
Gasket	Nickel Exfoliated Graphite	
Internals	Stainless steel	

**Limits (ISO 6552)**

conditions

PMA -

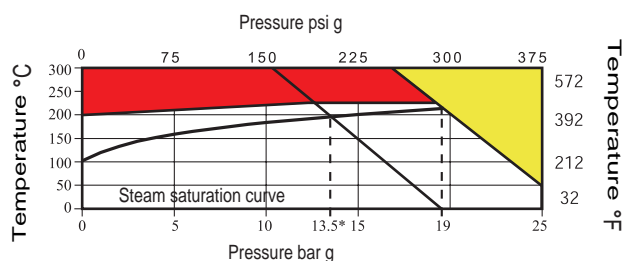
TMA -

TMO -

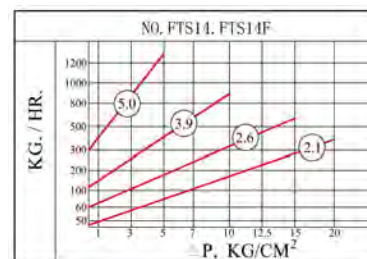
PN 25  
25 bar g  
300° C  
225° C  
-20° C  
37.5 bar g

maximum cold hydraulic test pressure of:

**Temperture and Pressure limits**



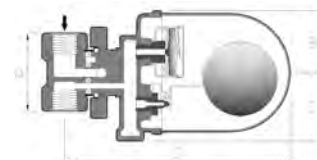
**Capacities(Drainage line side number is pore size)**



**FTU14 Universal float steam traps**

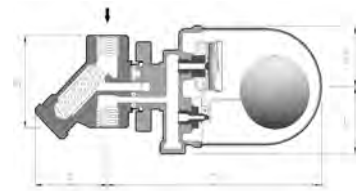
FTU14 Dimensions and Weights(mm/kg)

Type	Sizes	A	B	C	D	Weights
FTU14	15.20	60	48	52	174	1.4



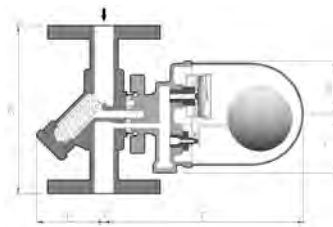
**FTU14C Dimensions and Weights(mm/kg)**

Type	Sizes	A	B	C	D	E	Weights
FTU14C	15.20	72	48	52	178	60	1.6
	25	76	48	52	178	60	1.6



**FTU14F Dimensions and Weights(mm/kg)**

Type	Flangesizes	A	B	C	D	E	Weights
FTU14F	15.20	150	48	52	178	60	3
	25	160	48	52	178	60	3.2



**Size and connections**

½", ¾" 和 1" BSP DIN 2999 NPT(ANSI B 1.20.1)DN15, 20, 25 ANSI B 16.5 Class 150/300 EN 1092-1 PN10/PN25

**Materials**

Body/Cover	Stainless steel	EN 10213-4(1.4408) ASTM A351 CF8M
Studs	Stainless steel	EN 3506 A2-70
Gasket	Nickel Exfoliated Graphite	
Internals	Stainless steel	

**Limits (ISO 6552)**

conditions

PMA -

TMA -

TMO -

PN 25

25 bar g

300° C

225° C

-20° C

37.5 bar g

maximum cold hydraulic test pressure of:

**Temperture and Pressure limits**

**Capacities(Drainage line side number is pore size)**

