

ARIKE

FREE FLOAT STEAM TRAP



**MODEL
FT S1**

FREE FLOAT STEAM TRAP WITH THREE-POINT SEATING AND THERMOSTATIC AIR VENTING

Feature

Inline repairable stainless steel steam trap for steam mains, tracer lines and small process applications.

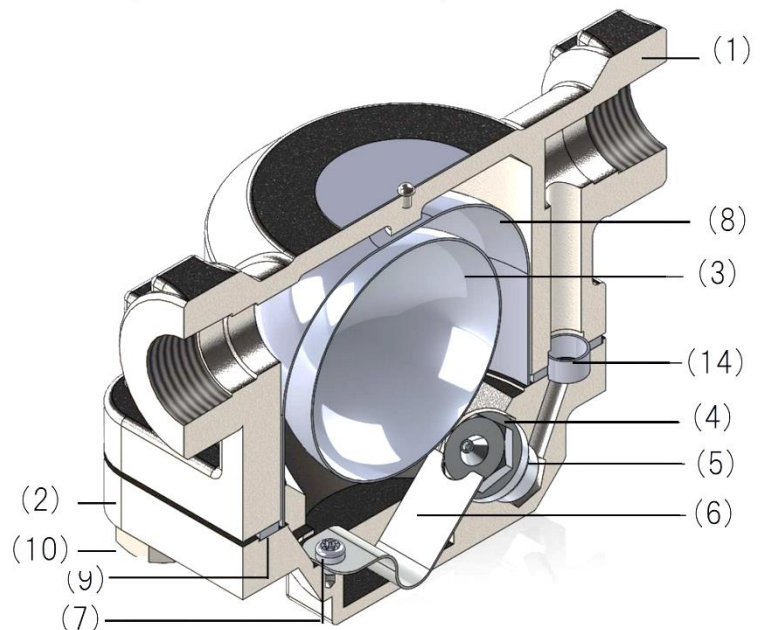
1. Self-modulating free float provides continuous, smooth, low velocity condensate discharge as process loads vary.
2. Constant water seal and unique three-point seating ensure perfect steam-tight seal, even under no-load conditions.
3. Trap incorporates thermostatic air vent for fast startup.
4. Built-in screen with large surface area holds back impurities.
5. Only one moving part, the free float, prevents concentrated wear and provides a long service life.
6. Easy, inline access to internal parts simplifies cleaning and reduces maintenance costs.



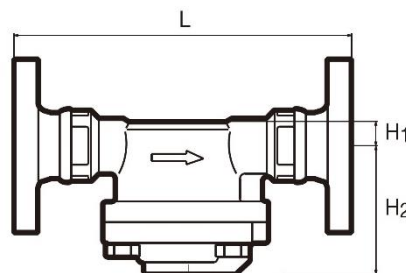
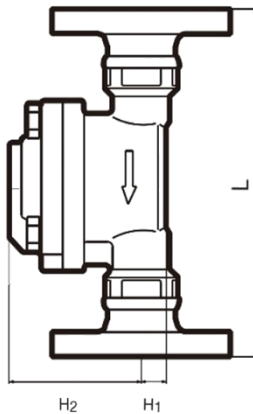
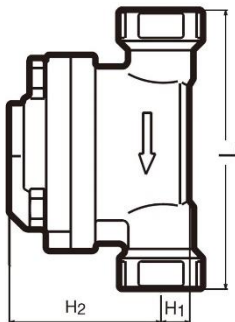
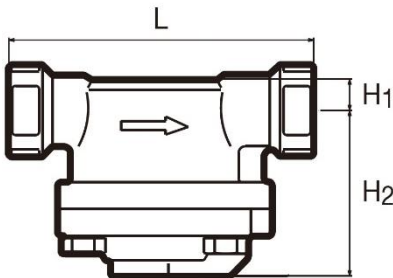
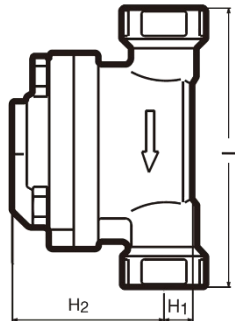
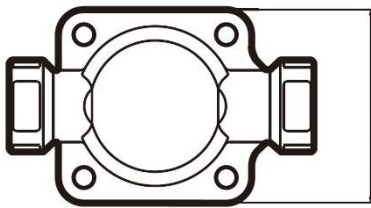
Model	FTS1 NH	FTS1 VH
Installation	Horizontal	Vertical
Connection	Screwed, Socket Welded, Flanged	
Size (mm)	15, 20, 25	
Orifice No.	5, 10, 21	
Maximum Operating Pressure (MPaG)	0.5, 1.0, 2.1	
Maximum Differential Pressure (MPa)	0.5, 1.0, 2.1	
Minimum Operating Pressure (MPaG)	0.01	
Maximum Operating Temperature (C)	350	

No	Description	Material	ASTM AISI
1	Body	Cast Stainless Steel	AISI 304
2	Cover	Cast Stainless Steel	AISI 304
3	Float	Stainless Steel	AISI316L
4	Orifice	Stainless Steel	AISI 420 HT
5	Orifice Gasket	Stainless Steel	AISI316L
6	Bimetal	Stainless Steel	AISI304
7	Screw (Philips)	Stainless Steel	AISI304
8	Screen	Graphite Stainless	AISI316L
9	Cover Gasket	Graphite Stainless	AISI316L
10	Bolt	Stainless Steel	AISI304
11	Name Plate	Stainless Steel	AISI304
12	Rivet	Stainless Steel	AISI304
13	Spring pin	Stainless Steel	AISI304
14	cloar	Stainless Steel	AISI304
15	Flange**	Cast Stainless Steel	AISI 304

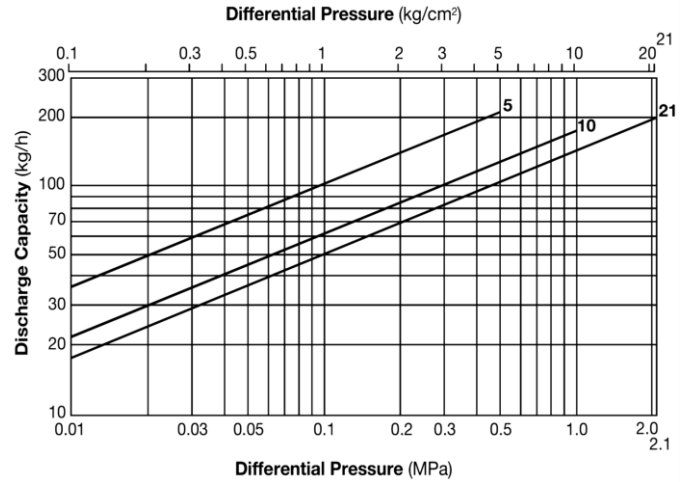
(for horizontal installations)



ARIKE FT S1



Discharge capacity



1. Line numbers within the graph refer to orifice numbers.
2. Differential pressure is the difference between the inlet and outlet pressure of the trap.
3. Capacities are based on continuous discharge of condensate 6°C below saturated steam temperature.
4. Recommended safety factor: at least 1.5.



DO NOT use this product under conditions that exceed maximum differential pressure, as condensate backup will occur!

The torque for each part is shown in the following table.

Parts	Across the flats	Torque
Valve Seat (4)	13 mm	25 N. m
Screw (7)		40 N. m
Bolt (10)	17 mm	40 N. m

Dimension and weight

Model	Connections	Size	Max. Operating Pressure Mpa	Max. Operating Temp °C	Dimensions (mm)				Body Material	Weight kg
					L	H1	H2	W		
FT S1 (N)	Screwed	1/2	2,1	350	127	136	136	86	Stainless Steel SCS13A	1,8
		3/4			136					1,9
		1"			140					2,0
FT S1 (W)	Socket Weld	1/2	2,1	350	127	15	75	86		1,8
		3/4			136					1,9
		1"			140					2,0
FT S1 (F)	Flanged	1/2	2,1	350	175	15	75	86		3,3
		3/4			195					4,5
		1"			215					5,3

ARIKE

پترو انرژي نوین اریکه
Steam Trap Specialist



اریکه تولید کننده طیف وسیعی از تله های بخار ترمودینامیکی در تمامی محدوده های فشار، دما و ظرفیت های مختلف

Manufacturer of a wide range of thermodynamic steam traps
In all ranges of pressure, temperature and different capacities

الشركة المصنعة لمجموعة واسعة من مصائد البخار الديناميكية الحرارية
في كافة مجالات الضغط ودرجة الحرارة والسعات المختلفة



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دفتر مرکزی: اصفهان، سپاهان شهر، بلوار غدیر، مجتمع آتایار، واحد ۳۲۱
تلفن: ۳۶۵۱۷۱۷۱ - ۳۶۵۱۳۰۰۰ (۰۳۱) فکس: ۳۶۵۱۸۱۵۱ (۰۳۱)
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