

TSF-11AT

ULTRA STEAM TRAP
TRAP STAR™

Bucket	Float	Disc	Bellows
Bimetal	Wafer	By-pass	Stainless steel
Connector	Side to side		

■Features

1. The TSF-11AT can discharge condensate effectively without retention, and prevent the equipment piping for corrosion.
2. Flow direction can be switched easily without disassembly such as detaching the cover.
3. Since the main parts are installed on the cover, it is possible to disassemble the cover even the body installed on the piping.
4. Inspection and parts replacement can be conducted easily.

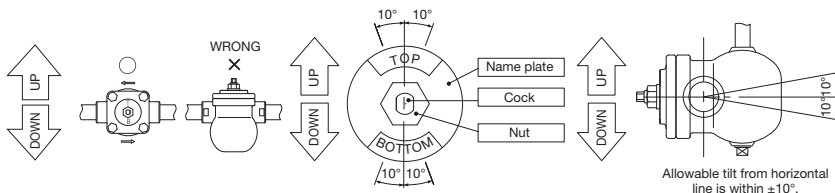


TSF-11AT

■Specifications

Model	TSF-11AT	
Nominal size	32A-50A	
Application	Condensate	
Working pressure	TSF-11AT-5: 0.01-0.5 MPa TSF-11AT-10: 0.01-1.0 MPa TSF-11AT-21: 0.01-2.1 MPa	
Maximum temperature	220°C	
Material	Body	Ductile cast iron
	Float	Stainless steel
	Valve, valve seat	Stainless steel
Connection	JIS Rc screwed NPT screwed	

■Caution for Installation

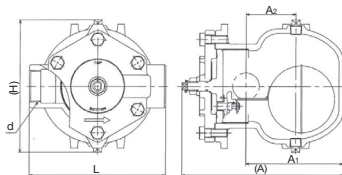


- Adjust direction of the name plate in no pressure condition after installation.
- The flow direction of TSF-11AT is adjusted from left to right. When using from right to left, you can adjust direction by turning the cock.
- After adjusting the direction, remove the plug on the top side and connect the pressure equalization pipe.
- Due to the connection of pressure equalization pipe, flow direction top to bottom is not available.

■ Dimensions (mm) and Weights (kg)

• TSF-11AT

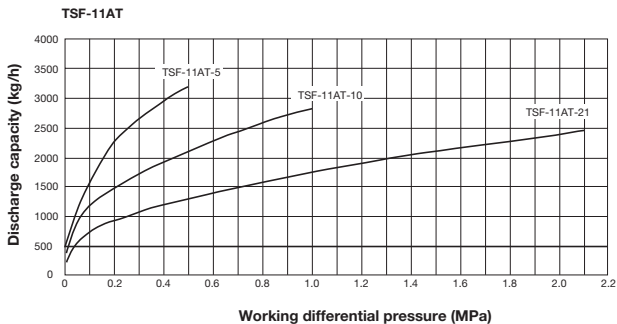
Nominal size	d	L	A	A1	A2	H	Plug	Weight
32A	Rc or NPT 1/4	190	244	147	75	210	Rc or NPT 3/8	10
40A	Rc or NPT 1 1/4	205	244	147	75	210	Rc or NPT 3/8	10.2
50A	Rc or NPT 2	220	244	147	75	210	Rc or NPT 3/8	10.5



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■ Maximum Continuous Discharge Capacity Chart

• TSF-11AT



The discharge capacity shown in the charts on the above is the maximum value. In designing a system, select an air trap with a sufficient safety factor (more than two times the regular level).

■ Piping Example

