

TSF-8, 8F

ULTRA STEAM TRAP
TRAP STAR™

■ Features

1. The TSF-8/8F can discharge condensate effectively without retention thanks to reliable operation by difference in specific gravity between steam and condensate.
2. Since the main parts are attached on the cover and it is possible to dismount the cover with the body connected to the piping, inspection and parts replacement can be conducted easily.
3. Excellent corrosion resistance and durability because the main parts are all made of stainless steel.
4. A strainer is incorporated to protect the internal parts from foreign substances and improve durability.



TSF-8



TSF-8F

■ Specifications

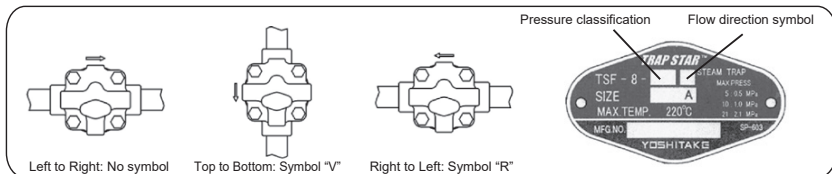
Model	TSF-8	TSF-8F
Nominal size	15A, 20A, 25A	
Application	Steam condensate	
Working pressure (Max. working differential pressure)	TSF-8/8F-5 : 0.01-0.5 MPa (0.5 MPa) TSF-8/8F-10 : 0.01-1.0 MPa (1.0 MPa) TSF-8/8F-21 : 0.01-2.1 MPa (2.1 MPa)	
Max. temperature	220°C	
Material	Body	Ductile cast iron
	Float	Stainless steel
	Valve, valve seat	Stainless steel
Connection	JIS Rc screwed NPT screwed	JIS 10K FF flanged JIS 20K FF flanged ASME 150/300, ENPN25

■ Caution for Installation

<Flow direction>

- The standard flow direction of TSF-8/8F is left to right. However, flow direction from right to left and top to bottom is also available. Please inform us of the flow direction you prefer when placing and order.
- In case from right side to left side, "R" is mentioned at the end of type key.
- Please do not disassemble the product at site.

Flow direction	Symbol
Left to Right (Pre-set)	Blank
Top to Bottom	V
Right to Left	R



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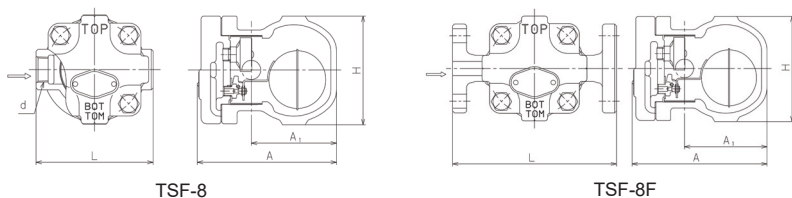
■ Dimensions (mm) and Weights (kg)

•TSF-8

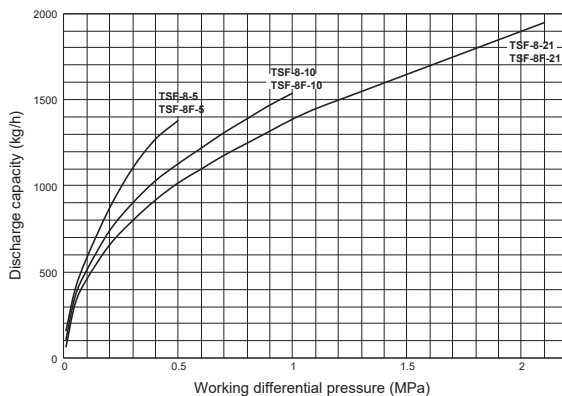
Nominal size	d	L	A	A ₁	H	Weight
15A	Rc 1/2	121	147	90	113	3.7
20A	Rc 3/4	121	147	90	113	3.7
25A	Rc 1	145	147	90	113	4.1

•TSF-8F

Nominal size	d	L	A	A ₁	H	Weight
15A	15	175	147	90	113	5.2
20A	20	195	147	90	113	6.0
25A	25	215	147	90	113	7.1



■ Maximum Continuous Discharge Capacity Chart



The discharge capacity shown on the above chart is the maximum value.

In designing a system, select a steam trap with a sufficient safety factor (more than two times the regular level).