

# TSD-42, 42F



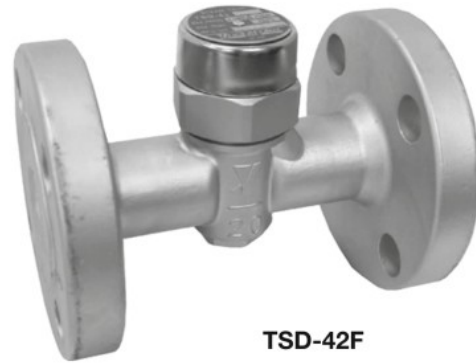
- Bucket
- Float
- Disc**
- Bellows
- Bimetal
- Wafer
- By-pass
- Stainless steel**
- Connector
- Side to side**
- Down to Up**
- Up to Down**

## ■Features

1. Stainless steel used for main parts, making a contribution to improve corrosion resistance.
2. Since it can operate under 425°C temperature and 4.2 MPa pressure conditions, it can be applied in various types of industries, such as heavy, light, and general industries.
3. Bimetal solves air-binding problem and ensures a smooth discharge of cold condensate or air at the start of operation, enabling steam equipment to efficiently start to run.
4. “Insulation cover” avoids frequent on-off operation.
5. Plumbing is easy to perform because it can be installed vertically or horizontally as desired.



TSD-42



TSD-42F

## ■Specifications

Model	TSD-42	TSD-42F			
Nominal Size	10-25A	15-25A			
Application	Steam condensate				
Working pressure	0.035-4.2 MPa	0.035-1.0 MPa	0.035-2.0 MPa	0.035-3.0 MPa	0.035-4.2 MPa
Allowable back pressure	50% or less of inlet pressure				
Maximum temperature	425°C	300°C	425°C		
Material	Body	Stainless steel (SCS2A)			
	Disc, seat	Stainless steel (special heat treatment)			
Connection	JIS Rc, NPT, BSPT screwed	JIS10KRF	JIS20KRF	JIS30KRF	JIS40KRF

\*Available with ASME flanged and EN standard connection.

## ■Dimensions (mm) and Weights (kg)

### • TSD-42

Nominal size	L	H	H <sub>1</sub>	A	Weight
10A	78	76	23	32	0.65
15A	78	76	23	32	0.6
20A	85	79	24	38	0.7
25A	95	86	27.5	45	0.9

