

## THERMOSTATIC STEAM TRAPS AND AIR ELIMINATORS TSS 22

### DESCRIPTION

The TSS all stainless steel thermostatic steam traps and air eliminators are specifically designed for use on process equipment such as kettle cookers, sterilizers, food, chemical and laundry equipment. The small size make it ideal for use with a wide variety of this equipment. Connections are female screwed.

### MAIN FEATURES

Modulating discharge.  
Discharges condensate close to steam temperature.  
Thermostats for different subcooling (5°K to 30°K).  
Excellent air discharge .  
Operates on moderate superheated steam.  
Simple and compact design.

OPTIONS: Welded body.  
USE : Saturated steam.  
AVAILABLE MODELS : TSS 22.  
SIZES : 3/8", 1/2", 3/4" and 1".  
CONNECTIONS : Female screwed ISO 7/1 Rp (BS21)  
INSTALLATION : Horizontal or vertical installation .  
See IMI, installation and maintenance instructions.

PMA : Max. allowable pressure 32 bar  
TMA : Max. allowable temperature 385 °C  
PMO : Max. operating pressure 22 bar  
TMO : Max. operating temperature 250 °C

### MATERIALS

POS.NR.	DESIGNATION	MATERIAL	SPARE PARTS
1	BODY	STAINLESS STEEL	
2	COVER	STAINLESS STEEL	
3	THERMOSTATIC ELEMENT	STAINLESS STEEL	*
4	STRAINER SCREEN	STAINLESS STEEL	*

\* AVAILABLE SPARE PARTS

How to order : i.e. TSS 22 DN 3/8" BSP

### FLOW RATE CAPACITY IN Kg/h

MODEL	SIZE	DIFFERENTIAL PRESSURE (bar)														
		0.2	0.3	0.5	1	1.5	2	3	4	6	8	10	13	15	20	22
TSS 22	3/8" - 1"	45	55	70	95	125	135	180	200	270	315	330	360	370	405	415

Capacities shown refer to condensate at 10°C below saturated steam temperature (standard type-S thermostat) .  
Thermostats for 5° C type-H and 30° type-L, also available.  
Capacities for cold condensate discharge at 20°C are two to three times greater .  
Recommended Safety factor = 1.2 - 1.5

