

# TKK-21

## THERMOSTATIC STEAM TRAP

### GENERAL FEATURES

Ayvaz TKK-2Y 's capsule follows the steam curves with constantly and it helps to drain condensate and non condensable gases. The resistance of the thermostatic trap, which is not affected by the water hammer, is also highly resistant to corrosion.

TKK-21 type strainer is under the cover.

For cleaning, opening the cover on the body is sufficient. Like all Ayvaz thermostatic traps, the TKK-21 product also includes one of three different capsules, depending on the application conditions. "S" type capsules are used in standard productions. The entire trap can be supplied as a spare part. At the same time, the ball inside the seat acts as a check valve at the high back pressure in the system, preventing the condensate from mixing into the steam line.

The difference of TKK 21 from other Ayvaz thermostatic traps is that its dimensions and condensate discharge capacity are low. Especially designed for irons.

Ayvaz TKK-21 Thermostatic Traps can be connected to the pipeline in every position for efficient and long-term operation. Proper isolation valves must be installed to ensure the maintenance and replacement of the trap is safe.

**Product Material:**

Body and Cover: Forged Steel  
Inlet Parts: AISI 304 Stainless Steel

**Connection:**

Threaded and Socket

**Nominal Diameter:**

DN10 (3/8") – DN15 (1/2")

**Pressure Value:**

Max. 32 bar

**Working Temp.:**

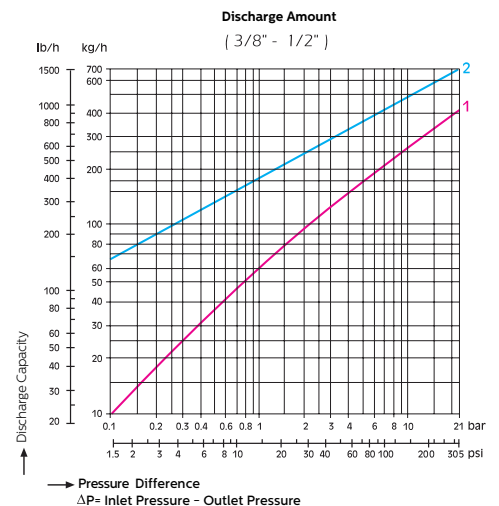
Max. Working Temp. 250 °C

**Applications:**

- Steam Jacket Pipes
- Irons

**Installation**

The thermostatic steam trap, which can work in each position, can be connected to the pipeline at each position.



**Red Chart**

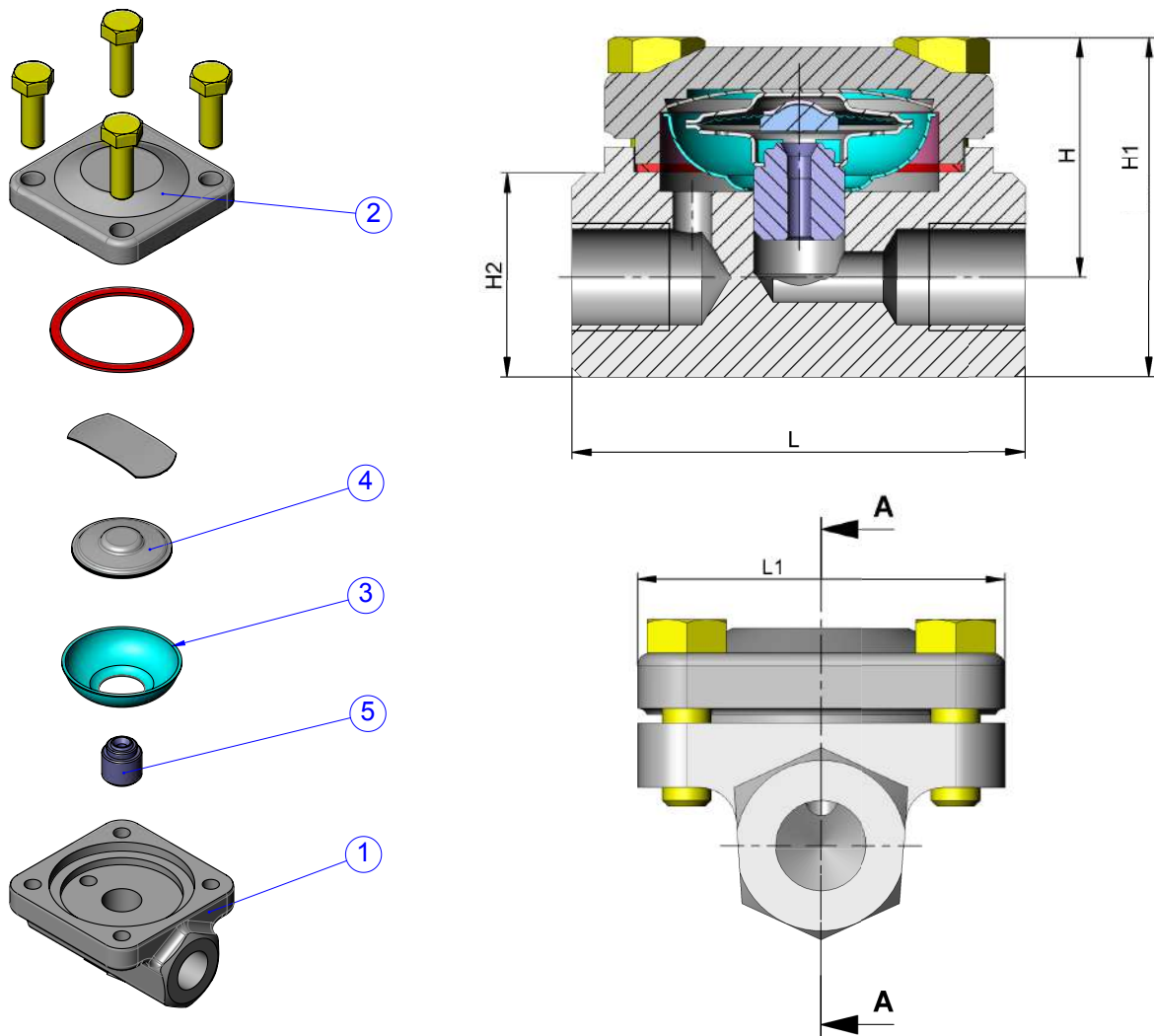
Steam saturation temperature max. 10 °C below the condensate drain;

**Blue Chart**

Cold condensate drain at 20 °C

TECHNICAL SPECIFICATIONS			
Connect. Type	Flanged	Threaded	Weld. End
Dia.(mm)		3/8"-1/2"	
Weight(kg)		0,7-0,7	

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DIMENSIONS (mm)					
Dia.	H	H1	H2	L	L1
15	35	50	27	70	60
20	35	50	27	70	60

SPARE PARTS		
No	Part	Material
1	Body	Forged Steel
2	Cover	Forged Steel
3	Filter	Stainless Steel
4	Thermostatic Capsule	Hastelloy & Stainless Steel
5	Seat	Stainless Steel
6	Cover Bolts	DIN 40 CrMoV4 7



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