Thermostatic Steam Trap



Technical Specification

- Nominal pressure: 1.0MPa
 Max allowable pressure PMA: 1.0MPa
- Max allowable temperature TMA: 220°C
 Max working pressure PMO: 0.8MPa
- Max working temperature TMO:176°C
- Four types of bellows:
 A- Discharge condensate below saturation temperature of 3°C
- B- Discharge condensate below saturation temperature of 5°C
- C- Discharge condensate below saturation temperature of 15℃ D- Discharge condensate below saturation temperature of 25°C

Attention: To avoid abnormal operation, accidents, or personal injury, please Attention: 10 avoid abnormal operation, accordents, or presonal injury, please do not use this product beyond the specification range. If the technical standards or regulations of a country or region have special provisions for the above specifications, the product should be used in accordance with local regulations.

Output Chart



- 1. Pressure difference refers to the pressure difference between the inlet and outlet of the steam trap.

 2. Recommended safety factor: not less than 2.

Attention: Do not use the steam trap under conditions exceeding the maximum pressure difference, otherwise condensation water may accumulate.



Advantages

The all stainless steel thermal static steam trap is suitable for heat transfer in tracing pipelines with relatively small condensate flow rates and small heat exchange equipment. It is recommended to install it vertically.

- 1. Free flow of cold water and seamless design in the true sense, maximum inhibition of bacterial aggregation.
- 2. The feature "Normally open on fault" minimizes the possibility of shutdown
- under critical operating conditions.

 3. The valve nozzle design with a large opening can quickly discharge a large amount of air, ensuring fast start, preventing blockage, and ensuring
- continuous operation.
 4. Tight structure, easy installation and maintenance.
- 5. Internal polishing to prevent bacterial growth.

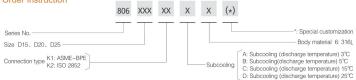
Main Dimension

Size	н	w	D	Weight (kg)
1/2"	49	44	25	0.17
3/4"	49	44	25	0.19
1"	53	44	50.5	0.28

Part List

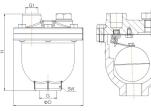
No.	Part	Material	
1	Low body	SS 316L	
2	Diaphgram	SS 316L	
3	Top body	SS 316L	

Order Instruction



Other Valves

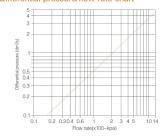




Technical Specification

- Nominal pressure: PN16
- Ball material: CF8M
- Seal material: FPM
- Control type: Automatic
- Medium temperature: -20°C -+ 200°C
- · Applicable medium: Can be used for hot and cold water systems as well as other types of liquid medium

Differential pressure/flow rate chart



Function Principle

This valve operates automatically due to density difference between gas and liquid. When a mixture of gas and liquid enters from bottom of the valve, gas exits through the outlet at the top, while liquid pushes the float ball up and blocks the gas outlet. This valve could be easily dismantled for maintenance, usually without disturbing pipe

Main Dimension

Size	G	G1	ФD	н	sw
DN15	1/2"	1/2"	122	134	47.5
DN20	3/4"	1/2"	122	134	47.5
DNI25	11	1/2"	122	134	47.5

Order Instruction

