Steam trap .

A steam trap is an automatic valve for condensing water (drain) in the steam system and discharging air to the outside of the system. The Miyawaki steam trap quickly drains condensate from piping and steam-using equipment / devices, and is effective for stable operation of equipment and effective use of steam

A steam trap that uses the difference in specific gravity between steam and condensate to operate the valve with the buoyancy of the bucket, which is an open float.

Diaphragm type | D series

Temperature difference between steam and condensate. The diaphragm type steam trap is a trap that operates when the thermo element (diaphragm) changes its shape in response to temperature.

- Miyawaki's diaphragm trap D series is also available in many stainless steel with excellent corrosion resistance, and is as small as possible so that it can be sufficiently applied to a narrow mounting space. In addition, the DV1 type with a built-in bypass valve does not require bypass piping, so product and piping construction costs can be significantly reduced.

- The operating temperature of the thermo element is 5 ° C lower than the saturation temperature and 15 ° C lower than the saturation temperature.

stainless

DX1 type (for sanitary only)

Maximum working pressure	0.5MPa
Maximum operating temperature	160 ℃
Maximum emissions	600kg / h

stainless

DV1 type

Maximum working pressure	1.0MPa
Maximum operating temperature	185 ℃
Maximum emissions	560kg / h

stainless

DC2R type (for sterilizer only)

Maximum working pressure	1.6MPa
Maximum operating temperature	220 ℃
Maximum emissions	710kg / h

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stainless

DL1 type

Maximum working pressure	2.1MPa
Maximum operating temperature	220 ℃
Maximum emissions	660kg /h

Stainless

DC1 type

Maximum working pressure	2.1MPa
Maximum operating temperature	220 ℃
Maximum emissions	660kg / h

DF1 type

Maximum working pressure	2.1MPa
Maximum operating temperature	235 ℃
Maximum emissions	660kg /h

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Thermo element type | W series

- A steam trap that operates a valve by utilizing the expansion and contraction of wax due to the temperature difference of steam condensate.
- [Application]
  - ➢ Suitable for low-pressure, small-scale systems such as radiators for heating.

W1 type (for radiator)

Maximum working pressure	0.3MPa
Maximum operating temperature	150 ℃
Maximum emissions	720kg / h

W2 type (for radiator)

Maximum working pressure	0.3MPa
Maximum operating temperature	150 ℃
Maximum emissions	720kg / h

W3 type (for radiator)

Maximum working pressure	0.3MPa
Maximum operating temperature	150 ℃
Maximum emissions	720kg / h

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