

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.

Downward bucket type | E series

Miyawaki's downward bucket steam traps are available in the ES series with low emissions and the ER series with high emissions. In each case, the SCCV mechanism * of our technology that demonstrates excellent durability and valve closing performance is adopted for the valve part. Furthermore, in the ER series, a differential pressure double valve mechanism is provided to increase the discharge amount, so the same discharge amount is achieved with a smaller body than the downward bucket type trap made by other companies

*SCCV mechanism: The valve holder is fixed to the lever, and the valve is placed in the small space of the holder without being fixed. This alleviates the mechanical force transmitted through the lever



ES5 type

Maximum working pressure 1.6MPa

Maximum operating temperature 350 °C

Maximum emissions 300kg / h

Stainless



ESU5 type

Maximum working pressure 2.1MPa

Maximum operating temperature 350 °C

Maximum emissions 300kg / h



ES8N type

Maximum working pressure 1.6MPa

Maximum operating temperature 350 °C

Maximum emissions 550kg / h



ES10 type

Maximum working pressure	1.6MPa
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Maximum operating temperature	220 °C
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Maximum emissions	900kg / h
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ES12N type

Maximum working pressure	1.6MPa
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Maximum operating temperature	220 °C
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Maximum emissions	1.7t / h
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ESH8N type

Maximum working pressure	4.4MPa
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• Maximum operating temperature	400 °C
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• Maximum emissions	340kg / h
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ESH21 type

Maximum working pressure	4.4MPa
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Maximum operating temperature	400 °C
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Maximum emissions	1.7t / h
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ER105 type

Maximum working pressure	0.7MPa
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Maximum operating temperature	220 °C
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Maximum emissions	2.05t / h
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ER110 type

Maximum working pressure	1.2MPa
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Maximum operating temperature	220 °C
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Maximum emissions	2.45t / h
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ER116 type

Maximum working pressure	1.6MPa
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Maximum operating temperature	300 °C
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Maximum emissions	3.9t / h
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ER120 type

Maximum working pressure	1.6MPa
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Maximum operating temperature	220 °C
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Maximum emissions	9t / h
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ER25 type

Maximum working pressure	6.4MPa
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Maximum operating temperature	425 °C
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Maximum emissions	4t / h
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