

Are you Looking for an efficient, clean heat exchanger?

Large flow rate, compact heat exchanger

HX-101-L100,L300

RoHS



(Features)

- Efficient heat exchange of gases at 300L/min (L300)
- Clean, all metal structure
- 316L stainless steel used for surface exposed to gas
- Built-in thermal switch to detect overheating
- Built-in thermocouple
- Compact size
- Maximum operating temperature of 300°C



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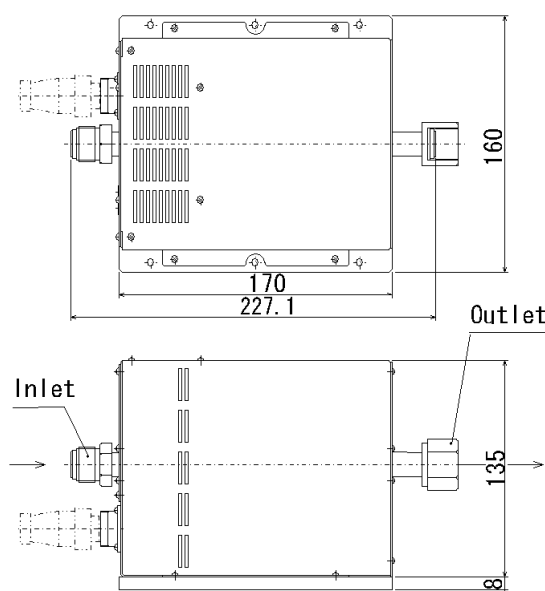
Pub. No. LC025E0809A8

HX-101 Specifications

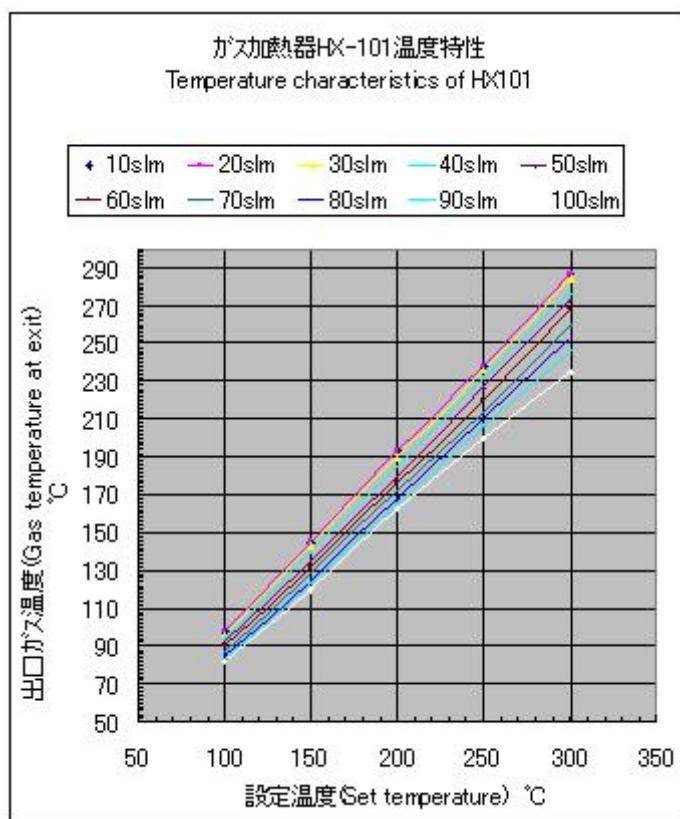
Dimensions

Note: Please prepare 2 temperature controllers to use this product.

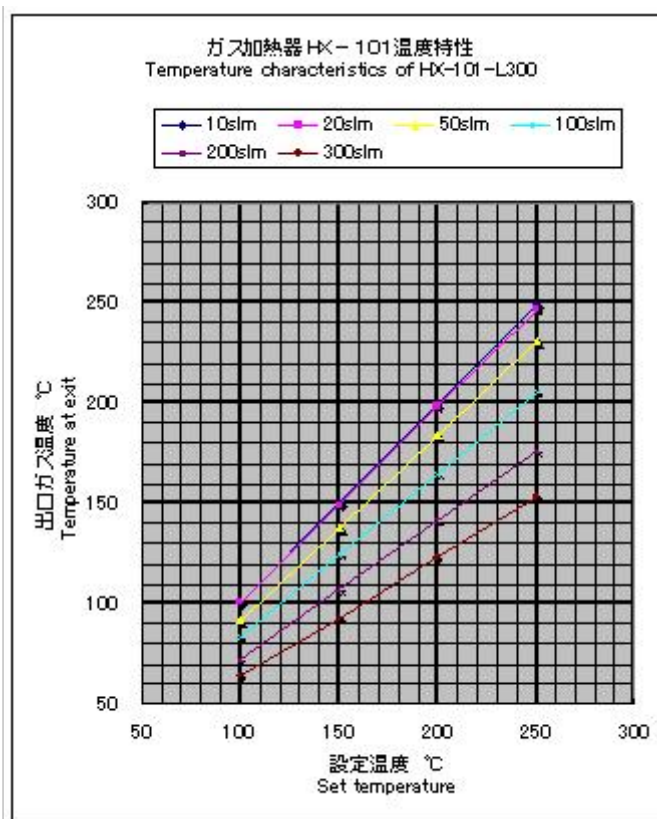
Product name	Heat Exchanger	
Model name	HX-101-L100	HX-101-L300
Withstand pressure	980KPa	
Operating temp.	300°C Max	250°C Max
Leak integrity	Less than $1 \times 10^{-11} \text{Pa} \cdot \text{m}^3/\text{sec}(\text{He})$	
Materials exposed to	Main block: SUS316L	
Fittings	Inlet: 12.7mmVCR male	
Heater power	Outer block:120V 400W Inner block :120V 300W	Outer block:240V 1200W Inner block :240V 900W
Thermocouple	K type LIS 0.75grade (2)	
Thermal switch	Open above 350°C	
Pressure drop	9.8KPa(100L/min)	30KPa(300L/min)
Weight	5.5kg	



Temperature characteristics



L100



L300

*For information on specifications not included in this catalog or for other matters please contact LINTEC's sales representative.

*This catalog is valid as of Sep., 2008.

*Changes in specifications may be made without prior notice.

*Before shipping to a third country, consult LINTEC.