



効率の良いクリーンな熱交換器をお探しではありませんか？
Are you Looking for an efficient, clean heat exchanger?

大流量用小型熱交換器

Large flow rate, compact heat exchanger

HX-101-L100,L300



■ 特長

- ★ 300L/minの流量を効率よく熱交換 (L300)
- ★ オールメタルシールのクリーン構造
- ★ 接ガス部材質はSUS316L
- ★ 異常加熱検出用サーマルスイッチ内蔵
- ★ 熱電対内蔵
- ★ コンパクトサイズ
- ★ 300℃までの温度に対応 (L100)

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℃



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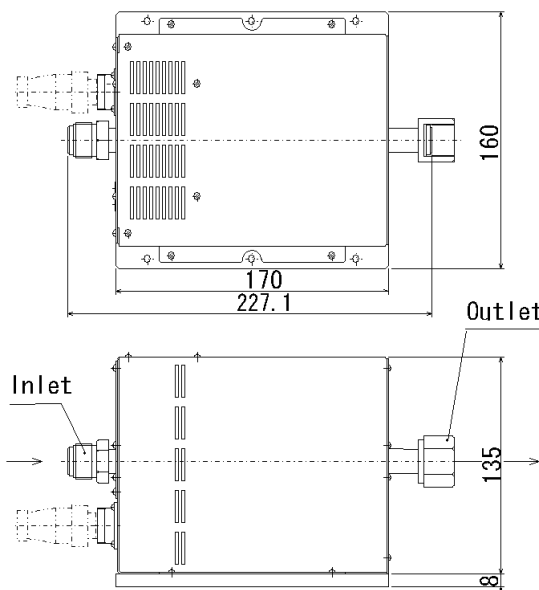
HX-101 Specifications

Dimensions

* ご使用に際しては、温度調節器を2台ご用意ください。

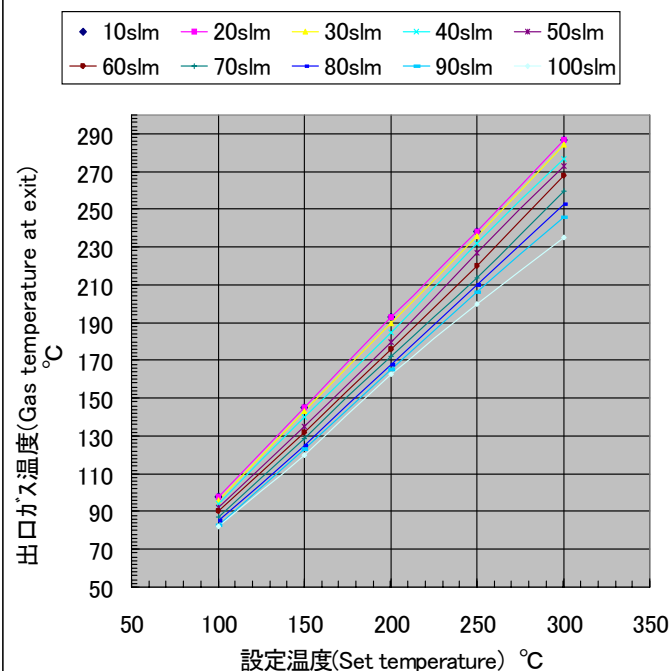
Note : Please prepare 2 temperature controllers to use this product.

Product name	Heat Exchanger	
Model name	HX-101-L100	HX-101-L300
Operating pressure	98-294KPa	
Withstand pressure	980KPa	
Operating temp.	300 Max	250 Max
Leak integrity	Less than 1×10^{-11} Pa · m ³ /sec(He)	
Materials exposed to gas	SUS316L, Au	
Fittings	Inlet: 12.7mmVCR male Outlet: 12.7mmVCR female	
Heater power requirements	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	
Pressure drop	9.8KPa(100L/min)	30KPa(300L/min)
Weight	5.5kg	



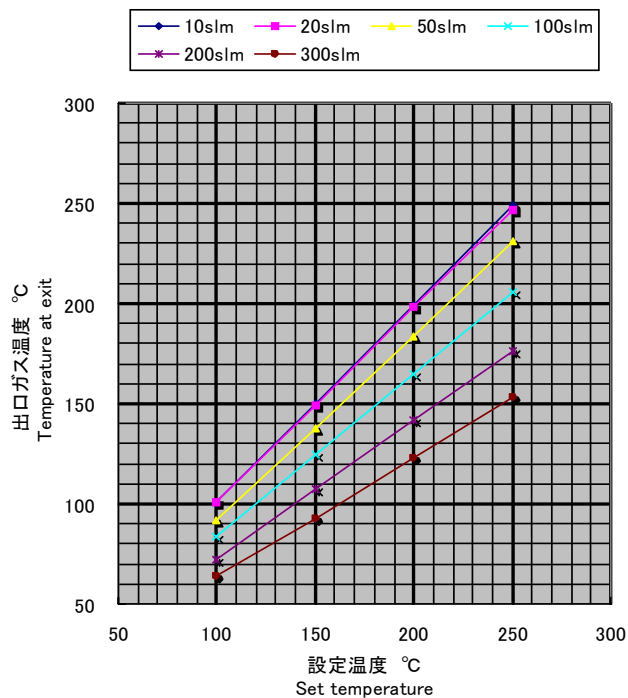
Temperature characteristics

ガス加熱器HX-101温度特性
Temperature characteristics of HX101



L100

ガス加熱器HX-101温度特性
Temperature characteristics of HX-101-L300



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 April, 2002.
Changes in specifications may be made without prior notice.
Before shipping to a third country, consult LINTEC.