

# HX-101

## Compact heat exchanger

### Features :

- The HX-101 is an efficient compact heat exchanger of gases, up to 300L/min, with built-in thermocouple and thermal switch to detect overheating.
- Clean and all metal structure with 316L stainless steel as wetted materials.
- Maximum operating temperature 300°C.
- Compact body size.



Features	Model / Details	Specifications
Operating pressure		98 – 294 kPa
Withstand pressure		980 kPa
Maximum operating temperature	HX-101-L100	250°C Max
	HX-101-L300	300°C Max
Leak integrity	He	1.10 <sup>-10</sup> scc/sec
Wetted materials		SS316L, Au
Thermocouple		K type LIS 0.75 grade
Thermal switch		Open @350°C
Power requirements	HX-101-L100	Outer block: 120 V – 400 W
		Inner block: 120 V – 300 W
	HX-101-L300	Outer block: 240 V – 1200 W
		Inner block: 240 V – 900 W
Pressure drop	HX-101-L100	9.8 kPa (100 L/min)
	HX-101-L300	30 kPa (300 L/min)
Standard fittings	Inlet	½" VCR male
	Outlet	½" VCR female
Weight		5,500 g

- Please inform Qualiflow of the type and chemical property of the gas you intend to use.
- Some gas might not be accepted to handle by Qualiflow.
- For information not included in this datasheet, please contact Qualiflow sales representative.

# Dimensions

