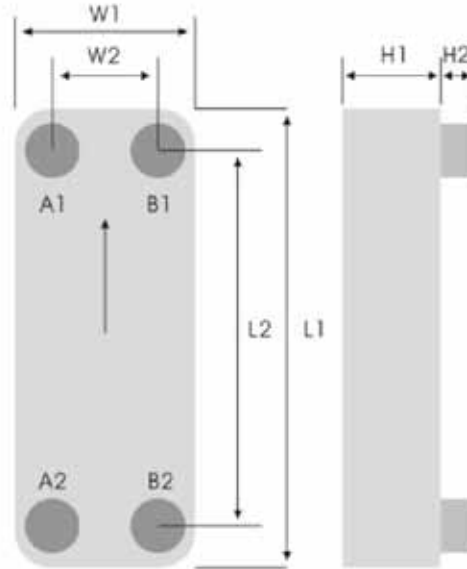




Making Solar Make Sense

SOLARHOT brazed plate heat exchanger consists of a series of thin corrugated stainless steel plates. These plates are pressed and copper brazed for high temperature and high pressure applications.

Brazing Material	Cu
Material of Plates	SUS 316
Max Test Pressure	624 psi
Max Operating Pressure	435 psi
Operating Temperature	-383 to 437°F



Model	L1 (in)	L2 (in)	W1 (in)	W2 (in)	Weight (lb)	Hi Thickness (mm)	Heat Transfer Area (sq m/plate)	Total Heat Transfer Area (sq m)	Volume (gal/channel)	Total Volume (gal)
P-HX-2xx37	7.6	6.1	3.1	1.6	1.8+0.11N	0.39+0.09N	0.1259	0.1259(N-2)	0.0066	0.0066(N-1)
P-HX-2xx412	12.0	9.8	4.2	2.0	3.3+0.3N	0.39+0.09N	0.2745	0.2745(N-2)	0.0145	0.0145(N-1)
P-HX-2xx512	12.0	9.8	4.9	2.8	3.5+0.33N	0.39+0.09N	0.3229	0.3229(N-2)	0.0172	0.0172(N-1)
P-HX-2xx420	20.6	18.3	4.2	2.0	6.8+0.48N	0.39+0.09N	0.5113	0.5113(N-2)	0.0251	0.0251(N-1)
P-HX-2xx520	19.8	17.5	4.9	2.5	7.7+0.53N	0.39+0.09N	0.5737	0.5737(N-2)	0.0283	0.0283(N-1)
P-HX-2xx724	24.1	20.4	7.3	3.6	15.7+0.90N	0.55+0.09N	1.0168	1.0168(N-2)	0.0544	0.0544(N-1)
P-HX-2xx1020	20.8	18.0	9.7	6.9	15.8+1.14N	0.45+0.09N	1.1830	1.1830(N-2)	0.0613	0.0613(N-1)
P-HX-2xx1020	20.7	16.9	9.6	5.8	18.7+1.14N	0.45+0.11N	1.1152	1.1152(N-2)	0.0764	0.0764(N-1)

UL, CE, ASME Certifications

Advantages

- High Thermal Efficiency
- Less Space, Less Weight
- High Working Pressure
- High Working Temperature
- Stainless Steel, Corrosion Resistance
- Broad Pressure Vessel Code Approval

