

FlatPlate Braze Plate Heat Exchangers Plate Plate Heat Exchangers



Simple Design

The braze plate heat exchangers consists of stainless steel plates with a special high efficient heat transfer surface. The plates are then braze together at high temperature allowing the heat exchanger to be leak tight and rugged.

Compact

Light weight and compact, the exchangers can be up to 80% smaller size than other types of heat exchanger. This allows for smaller and neater installations.



High Performance

All FlatPlate heat exchangers uses a highly efficient heat transfer surface with excellent turbulence, moderate to low pressure drops and lower fouling rates. FlatPlate heat exchanger designs have been tested for performance under a wide range of conditions, all units have been helium leak tested for assured quality.

FP Series

FlatPlates FP Series is rugged and reliable representing the latest technology in high performance copper braze plate 316 Stainless Steel heat exchangers. Designed for a wide range of applications including low concentration chloring pool heating, underfloor applications and hot water generation. For water quality maintained between PH 6.5 & PH 8.0. Sizes up to 2mW available on indent.



MP Series

FlatPlates MP Series is designed specifically for multi-purpose Marine & swimming pool applications where chloring, salt, or low concentrations of acids are present. Nickel braze plate marine Stainless alloy plates offer significant improvements in reliability over traditional copper braze plate heat exchangers. Ideal for Salt, and chlorinated pool systems. For water quality maintained above PH 2.0. Sizes up to 1mW available on indent.

		HX30	HX70	HX120	HX170	HX35MP	HX70MP	HX120MP
Nominal Output	kW	30	70	120	170	35	70	120
Material		316L Stainless Steel	316L Stainless Steel	316L Stainless Steel	316L Stainless Steel	Marine Stainless Alloy	Marine Stainless Alloy	Marine Stainless Alloy
Construction		Copper brazed	Copper brazed	Copper brazed	Copper brazed	Nickel brazed	Nickel brazed	Nickel brazed
Length	mm	190	310	310	310	310	310	310
Width	mm	70	124.5	124.5	124.5	124.5	124.5	124.5
Depth	mm	190	47	66.5	80	30	51	74
Connections	inch	1/2 & 3/4	1	1	1 & 1/4	1	1	1
Working pressure	psi	150	450	450	450	150	150	150
Flow rate @ 3.5 h ₂ O	l/min	n/a	40	63	92.5	15	34.5	61.42
Weight	kg	1	3.8	5	5.9	7.6	9.4	11