

Available Models & Specifications

Brazed Plate Solar Heat Exchangers

SunMaxx carries three sizes of Brazed Plate Heat Exchangers, perfect for any residential and commercial solar hot water system.

SunMaxx Brazed Plate Solar Heat Exchanger Technical Specifications	39-0010	39-0020	39-0030
	Small	Medium	Large
Number of Plates	10	20	30
BTU/hr Transfer Rate	90K	100-175K	200-275K
Plate Material	Copper	Copper	Copper
Nominal Flow Rate (GPM)	6.19 - 6.83	Variable	Variable
Domestic Hot Water Applications	Yes	Yes	Yes
Radiant/Home Heating Applications	Yes	Yes	Yes
Pool & Spa Heating Applications	No	No	No

Shell & Tube Solar Heat Exchangers

Shell & Tube Solar Heat Exchangers from SunMaxx are perfect for any Solar Pool and Spa Heating System.

Model	Capacity		Water Flow Rate		Heat Transfer Area (ft ²)	Pool Size (G)
	KW	BTU/hr	Hot Water Side (GPM)	Cold Water Side (GPM)		
39-SM-B45	13	45K	6.08	39.63	1.62	3,000
39-SM-B70	20	70K	6.60	44.91	2.64	6,000
39-SM-B130	38	130K	7.13	52.83	3.64	11,000
39-SM-B180	53	180K	7.93	55.48	4.70	16,000
39-SM-B250	73	250K	9.25	71.33	6.80	22,000
39-SM-B300	88	300K	10.57	79.25	9.00	27,000
39-SM-B500	146	500K	14.53	95.10	16.80	44,000
39-SM-B1000	293	1 Million	25.10	185.24	21.50	88,000

Air to Water Solar Heat Exchangers

SunMaxx carries three sizes of Brazed Plate Heat Exchangers, allowing these exchangers to be used with nearly every domestic and commercial SunMaxx Solar Hot Water System.

Model #	Dimensions	BTU/hr	Tube Coil Material	3/8" Seamless Copper
SMHTL-1212	12 x 12	60K	Plate Fin Material	Aluminum
SMHTL-1616	16 x 16	80K	Core Housing	Galvanized Steel
SMHTL-1618	16 x 18	100K	Header Material	Copper
SMHTL-1818	18 x 18	120K	Rating	175 PSIG / 350 F
SMHTL-1820	18 x 20	140K	Plate Fin Spacing	12 / inch
SMHTL-1920	19 x 20	150K	Connections	1" ID Solder
SMHTL-2020	20 x 20	160K		
SMHTL-2222	22 x 22	200K		
SMHTL-2225	22 x 25	220K		



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