

MAX SWIMMING POOL HEAT PUMP 50Hz 4 SEASON -10°C

FOR AQUAPARKS AND BIG HOTEL POOLS



COP
6.2

50Hz
Compatible

T1-T3
Panasonic
compressors

3 year
warranty

16units
Cascade

-10°C
ambient

**Heating &
cooling**

Main Features:

Commercial Microwell MAX air source swimming pool heat pump is designed for heavy duty heating and cooling pool jobs in 4 season environment.

- ▶ Designed for **WINTER** weather from -10°C to +43°C
- ▶ **Durable metal** design with multiple compressor system
- ▶ Titanium Grade1 ASTM B265M titanium used inside water heat exchangers designed to work **fresh, salt or chlorine** water
- ▶ Vertical fan discharge for ideal placement in noise damping chambers
- ▶ **GoldFin** hydrophobic epoxy protection of the fins **against sea wind, sand, dust** and effective de-icing
- ▶ Automatic overheat control to ensure heating and cooling in peak day time hot weather
- ▶ Automatic defrost to ensure heating operations during winter time
- ▶ Wide heating capacity with **125kW to 450kW** provided by a **single unit**
- ▶ Primary phase monitor protection against incorrect order of the phases or missing phase
- ▶ T3 Panasonic compressors with built-in automatic control logic for more energy saving
- ▶ **Multiple fan speed** mode to support low noise
- ▶ Electronic expansion valve for more precise refrigerant flow for maximum COP and kW at each weather condition
- ▶ Centralized control of up to **16 heat pumps** (BMS)
- ▶ WIFI control compatible
- ▶ **3 years** general spare parts warranty
- ▶ On-site service support possible
- ▶ **15 years** of experience with applications

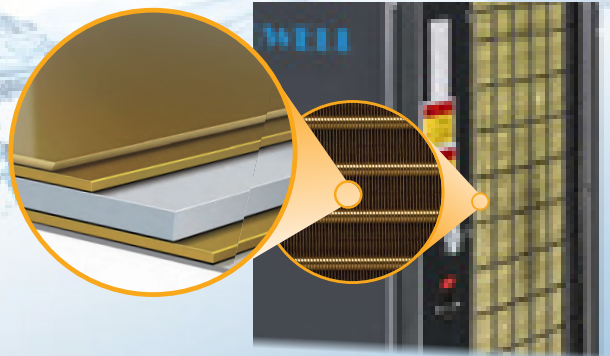




Panasonic



Vertical discharge



GoldFin
epoxid aluminium 100%
corrosion free

Parameters of Max:

Model		Max 50	Max 125	Max 150	Max 250	Max 300	Max 350	Max 450
Power Supply	V/PH/Hz	380/3/50	380/3/60	380/3/60	380/3/60	380/3/60	380/3/60	380/3/60
Heating Capacity(A27W26)	kW	50	125	150	250	300	350	450
	BTU/h	170.600	426.500	511.800	853.000	1.023.600	1.194.200	1.535.400
COP (A27W26)		5.9	6.2	6.1	6.1	6.2	5.9	5.9
Input Power (A27W26)	kW	9	21	26	43	51	60	77
Input Current (A27W26)	A	16	40	49	81	97	113	146
Heating Capacity(A15W26)	kW	35	88	105	175	210	245	315
	BTU/h	119.500	298.600	358.260	597.100	716.520	835.940	1.074.780
Input Current (A15W26)	A	15	36	43	72	87	101	130
Cooling Capacity(A46W30)	kW	30	75	90	150	180	210	270
	BTU/h	101.455	253.638	245.700	409.500	511.800	573.300	737.100
EER (A46W30)		3.0	3.1	3.0	3.0	3.1	3.0	3.0
Input Power cooling (A46W30)	kW	10	25	30	50	60	70	90
Input Current cooling (A46W30)	A	19	47	57	95	114	133	171
Compressor type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Compressor Qty		2	2	2	4	4	6	6
Fan Qty		2	2	2	2	2	6	6
Noise	dB(A)	60	65	65	68	70	95	80
Water Flow Volume	m3/h	12	30	30	60	72	84	90
Water Pressure Drop	kpa	18	30	30	55	56	77	90
Fan Direction		vertical	vertical	vertical	vertical	vertical	vertical	vertical
Refrigerant Type		R407C	R407C	R407C	R407C	R407C	R407C	R407C
Unit Net Dimensions (L/W/H)	mm	1500X800X1230	2050X1065X2010	2050X1065X2010	2300X1350X2360	2300X1350X2360	3000X2000X2300	3000X2000X2300
Unit Shipping Dimensions (L/W/H)	mm	1540X900X1380	2150X1200X2200	2150X1200X2200	2400X1520X2560	2400X1520X2560	3150X2100X2500	3150X2100X2500
Package Weight		228	1003	1180	1920	2117	2790	3126
40 Feet container quantity		16	10	10	5	5	3	3

Remarks: * The data above is only for reference. For specific data, please refer to the nameplate on the unit.
Note: Manufacturer reserves the right to change above technical data without notice.

