

MAX FISH POND

for fish ponds, oyster farms, jelly fish tanks and other fish applications



Engineered for professional aquatic environments.

- **100% fish-safe titanium construction.**
 - **Reliable from -10 °C to +55 °C.**
 - **Copper-free water exchanger.**
- **Cools water down to +5 °C with ease.**

50-60Hz
Compatible

T1-T3
Panasonic
compressors

3 year
warranty

16units
cascade

-10°C~55°C
ambient

Heating &
cooling

Wi-Fi
Built-in

Main Features:

Specially Designed Heat Pump for Aquatic Life. The MAX FISH POND is a specially adapted heat pump created to maintain ideal water temperatures for fish ponds and aquaculture applications. Whether you need to heat or cool the water, it delivers precise temperature control to protect aquatic life.

- ▶ Fish-Safe Titanium Exchanger
- ▶ Made from 100% pure Grade 1 Titanium (ASTM B265M), the heat exchanger is completely odorless and leaves no residue in the water—safe and non-toxic for fish.
- ▶ Copper-Free Design
- ▶ No copper is used, eliminating the risk of harmful or poisonous substances forming in the water.
- ▶ All-Weather Performance
- ▶ Engineered to operate reliably in extreme conditions, from -10°C to +55°C. The system can cool water down to as low as +5°C.
- ▶ Keep your fish healthy and thriving with MAX FISH POND—the trusted solution for professional aquatic temperature control.





MAX 50 - 125



MAX 150

Model MAX		15	25	38	50	75	125	150	250	300
Compressor type		On-Off								
Power Supply	V/PH/Hz	220/1/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/60	380/3/60
Heating Capacity(A27W26)	kW	15,0	25,0	38,0	50,0	75,0	125,0	150,0	250,0	300,0
	BTU/h	51.182	85.304	129.661	170.600	255.900	426.500	511.800	853.000	1.023.600
COP (A27W26)		5,87	5,87	5,87	5,87	5,87	5,87	5,9	5,9	5,9
Input Power (A27W26)	kW	2,55	4,26	6,47	8,52	12,78	21,29	25,6	42,6	51,1
Input Current (A27W26)	A	11,6	8,1	12,3	16,2	24,3	40,4	48,5	80,9	97,1
Heating Capacity(A15W26)	kW	10,2	17,5	26,6	35,0	52,5	87,5	105	175,0	210,0
	BTU/h	34.804	59.712	90.763	119.500	179.200	298.600	358.260	597.100	716.520
COP (A15W26)	A	4,6	4,6	4,6	4,6	4,6	4,6	4,6	4,6	4,6
Input Power (A15W26)		2,22	3,80	5,78	7,61	11,41	19,02	23	38,04	45,65
Input Current (A15W26)	A	10,1	7,2	11,0	14,5	21,7	36,1	43	72,3	86,8
Cooling Capacity(A40W5)	kW	6,0	10,0	15,0	20,0	30,0	50,0	60,0	100,0	120,0
	BTU/h	20.473	34.121	51.182	68.243	102.364	1706.00	170.600	341.200	409.440
COP (A40W5)		2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Input Power cooling (A40W5)	kW	2,40	4,00	6,00	8,00	12,00	20,10	24,12	40,20	48,24
Input Current cooling (A40W5)	A	11,0	7,6	11,4	15,2	22,8	38,2	45,8	76,3	91,6
Cooling Capacity(A40W12)	kW	6,8	11,0	16,5	22,0	33,0	55,0	66,0	110	132
		2,6	2,6	2,6	2,6	2,6	2,6	2,6	2,6	2,6
Input Power cooling (A40W12)	kW	2,61	4,23	6,34	8,46	12,60	21,15	25,38	42,3	50,8
Max. target water temp. for heating	°C	30,0	30,0	30,0	30,0	30,0	30,0	30,0	55,0	55,0
Min.target water temperature	°C	5,0	5,0	5,0	5,0	5,0	5,0	5,0	5,0	5,0
Compressor type		Scroll								
Compressor Qty		1	1	1	2	2	2	2	2	4
Fan Qty		1	1	1	2	2	2	2	2	2
Noise	dB(A)	52	55	58	60	62	65	65	65	70
Water Flow Volume	m3/h	3	4	6	12	18	15	36	60,2	72
Water Pressure Drop	kpa	45	50	60	30	45	80	45	45	45
Fan Direction		vertical								
Refrigerant Type		R410A/R407C								
Unit Net Dimensions (L/W/H)	mm	730x760x900	730x830x900	730x830x900	1354x651x1224	1654x861x1324	2050x1065x2010	2119.5x1068x2019.6	2250x1138.5x2360	2250x1138.5x2360
Unit Shipping Dimensions (L/W/H)	mm	770x810x1040	890x780x1080	890x780x1080	1454x751x1424	1754x961x1524	2150x1165x2210	2219.5x1168x2219.6	2330x1210x2560	2330x1210x2560
Package Weight		228	1003	1180	1920	2117	2790	3126	-	-
40 Feet container quantity		16	10	10	5	5	3	3	-	-
Operating ambient temperature	°C	-10 - 55								

The manufacturer reserves the right to alter the technical data without prior notice.

Remarks: * The data above is only for reference. For specific data, please refer to the nameplate on the unit.





iMax variable speed inverter



iMAX 50 - 125



iMAX 150 - 350



iMAX 450

Model iMAX		50	125	150	250	300	350	350	
Compressor type						Inverter			
Power Supply	V/PH/Hz					380/3/50-60			
Heating Capacity(A27W26)	8kW	8.4-54	21-130	25.2-165	42-275	50.4-316	63-385	75.6-473	
COP (A27W26)	10	6.15-16.11	6.15-16.11	6.15-16.11	6.15-16.11	6.15-16.11	6.15-16.11	6.15-16.11	
Input Power (A27W26)	9kW	0.52-8.6	1.3-21.00	1.56-26.82	2.6-44.7	3.12-50.64	3.9-64.05	4.68-76.8	
Heating Capacity(A15W26)	14kW	6.41-38.4	16.05-96	19.23-120	32.05-200	38.46-230	48.075-279	57.69-345	
Input Power (A15W26)	15A	1.27-3.8	3.24-19.2	3.81-11.85	6.35-19.75	7.62-22	9.525-26.625	11.43-33.6	
Cooling Capacity(A46W30)	19kW	10.17-26.88	25.5-67.2	76.5-210	127.5-350	153-161	191.25-195	229.5-252	
EER (A46W30)	21	4.15-5.13	4.15-5.13	4.15-5.13	4.15-5.13	4.15-5.13	4.15-5.13	4.15-5.13	
Input Power cooling (A46W30)	20kW	1.95-471	4.93-15.36	14.79-50.58	24.65-84.3	29.58-96.16	36.975-117.45	44.37-144	
Compressor type						DC Inverter			
Compressor Qty	23	1	2	2	4	4	4	6	
Fan Qty	25	2	1	2	2	2	2	3	
Noise 1m	26dB(A)	58	65	65	65	70	70	75	
Water Flow Volume	35m3/h	12	30	36	60	72	90	108	
Water Pressure Drop	36kpa	30	45	45	45	45	45	45	
Fan Direction						vertical			
Refrigerant Type						R410A/R407C			
Unit Net Dimensions (L/W/H)	38mm	1168x455x1560	1070x1200x2020	2050x1065x2057	2050x1065x2212	2250x1138x2360	2250x1138x2360	3000x1400x2516	
Unit Shipping Dimensions (L/W/H)	39mm	1268x555x1760	1170x1300x2220	2150x1165x2257	2150x1165x2412	2350x1238x2560	2350x1238x2560	3100x1500x2716	
40 Feet container quantity		16	10	10	5	5	3	3	
Operating ambient temperature						(-10°C ~ +43°C) / (0°C+55°C)			

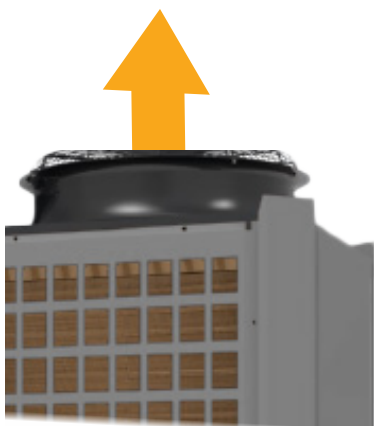
The manufacturer reserves the right to alter the technical data without prior notice.

Remarks: * The data above is only for reference. For specific data, please refer to the nameplate on the unit.

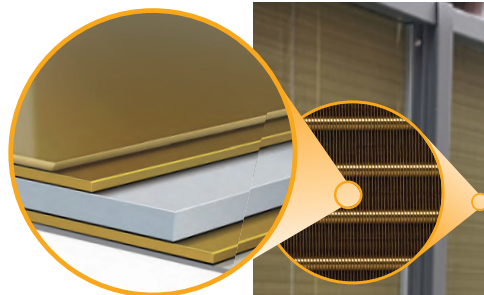




Key features



Vertical discharge



GoldFin

epoxid aluminium 100%
corrosion free



Panasonic

Real applications





We are flexible in design and can provide unit as per your request. For example we can alter standard series height and reduce it as per your demand.

Units are made with utmost care. They are fully tested for performance not only in lab conditions but also in real life.

We can provide full documentation (e.g. manual, quick start-up guide, Modbus protocol, technical drawings, visuals, etc.)

