



# SUBMITTAL DATA SHEET

## Swimming Pool Heat Pump

**Model Number:** XPH-120N8-MB2U

Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Submitted to: \_\_\_\_\_  
 Submitted by: \_\_\_\_\_  
 Reference: \_\_\_\_\_

Approval: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Construction: \_\_\_\_\_  
 Unit #: \_\_\_\_\_  
 Drawing #: \_\_\_\_\_



### Performance

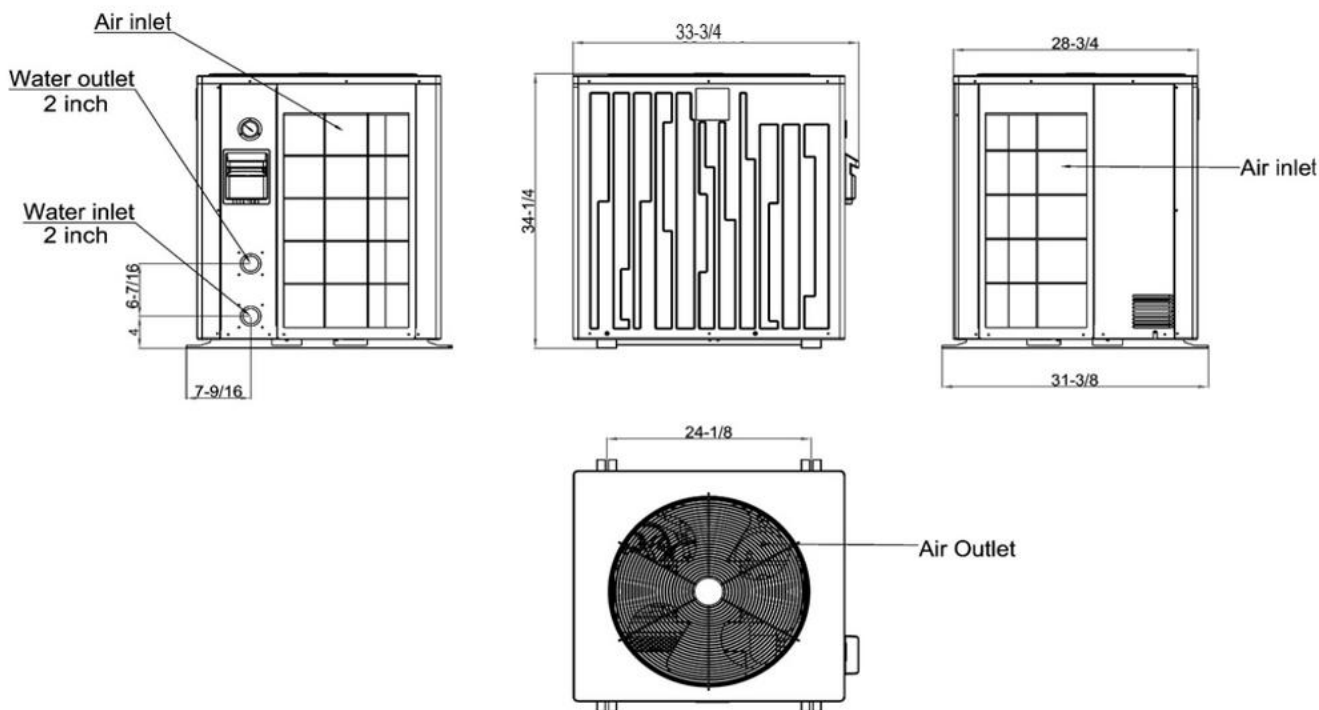
Nominal heating capacity	BTU	120000	Nominal cooling capacity	BTU	53000
Max. Pool Capacity	Gal	32000	Nominal Water Flow	GPM	51
Rated Heating Conditions		Air 80°F Water 80°F Humidity 80%	Heating Conditions		Air 80°F Water 80°F Humidity 63%
Rated Heating capacity	Btu/hr	114144	Heating capacity	Btu/hr	110710
COP	W/W	5.22	COP	W/W	4.31
Heating Conditions		Air 50°F Water 80°F Humidity 63%	Rated Cooling Conditions		Air 95°F Water 86°F Humid. 40%
Heating capacity	Btu/hr	69102	Rated Cooling capacity	Btu/hr	53066
COP	W/W	3.28	EER	(Btu/h)/W	11.6
Refrigerant (Type / Amount)	Type	R32	GWP (Global Warming Potential)		675
	Lbs	6.17	Work ambient temperature	°F(°C)	14~110(-10~43)

# Product Details

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Power Supply	V/Ph/Hz	220~240/1/60	Compressor Type		Twin-Rotary Inverter
Power Supply Connections		L1, L2,Ground	Waterproof Class		IPX4
Sound Pressure at 3m	dB(A)	41-54	Noise at 10 ft.	dB(A)	≤58
Min. Circuit Amps MCA	A	33	Max Overcurrent Protection (MOP)	A	41
Max water flow temp. in heating mode	°F	104	Min water flow temp. in cooling mode	°F	44.6
Water Pipe In-Out Dimensions	in	2	Heat Exchanger		Titanium PVC
Casing type		ABS Casing	Air Discharge		Top
Net Dimensions (LxWxH)	in	33-3/4 x 31-3/8 x 34-1/4	Shipping Dimensions (LxWxH)	in	35-1/4 x 33-1/4 x 39-7/8
	mm	856 x 797 x 870		mm	895 x 845 x 1014
Net / Shipping Weight	lbs	246/302	Net / Shipping Weight	kg	111.6/137

# Dimension Drawing



Unit:inch

## Feature

- Eco-Friendly R32 Refrigerant -A2L refrigerant with low GWP of 675, minimizing environmental impact.
- Inverter Twin-Rotary Compressor – Delivers exceptional energy efficiency with an average C.O.P. of up to 19.
- Anti-corrosion ABS casing - Built to withstand all climate conditions
- Smart WiFi Control: Stay connected with easy setup and remote operation.
- Powerful, Smart, and Silent Modes: maximum power, intelligent efficiency, or whisper-quiet comfort that suits different needs
- Slim, Space-Saving Design: Perfect for any backyard with a small footprint.
- Titanium Heat Exchanger: Ensures long-lasting durability and performance.
- Standard Limited Warranty – 10-year coverage on compressor and all components.
- Unit UL60335-2-40 (safety) approved