SUBMITTAL DATA SHEET

Pool & SPA Heat Pump

Model Number: XPH-096N8-MB2U

Location: _____
Engineer: _____
Submitted to: _____
Submitted by: _____
Reference: _____

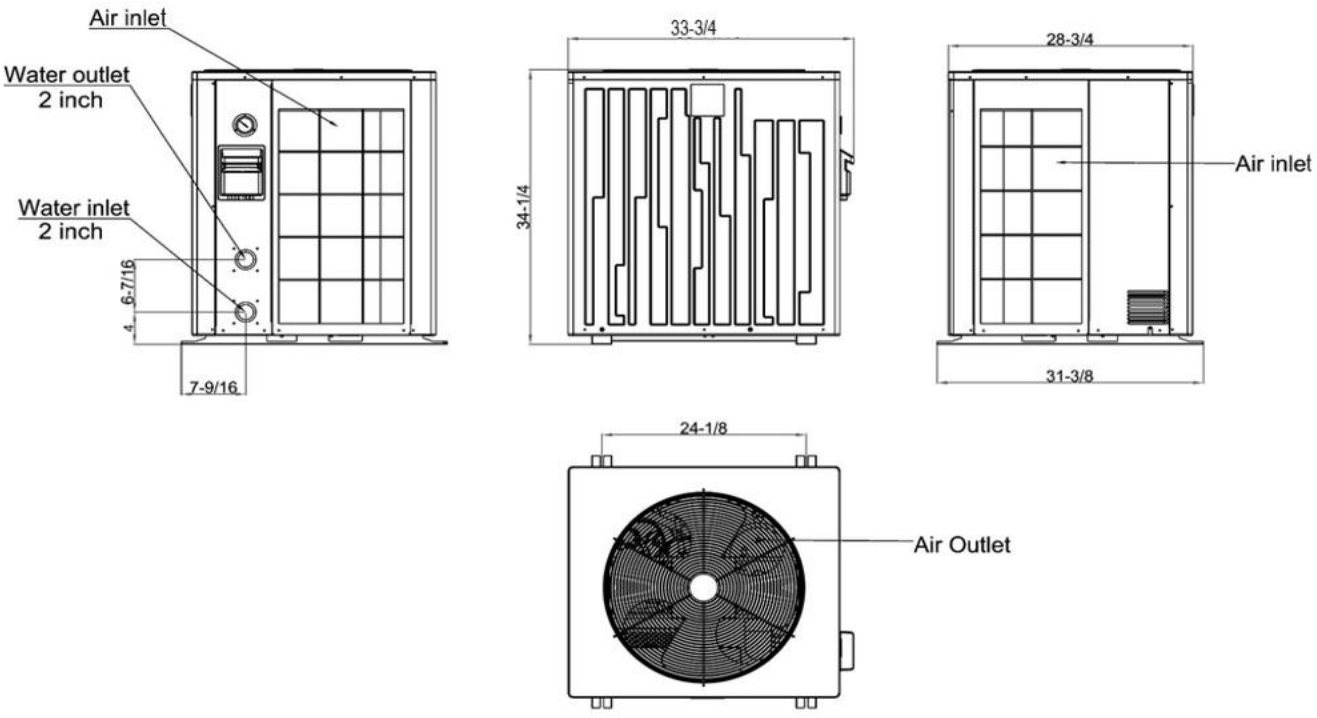
Approval: _____
Date: _____
Construction: _____
Unit #: _____
Drawing #: _____

Performance					
Nominal heating capacity	BTU	96000	Nominal cooling capacity	BTU	58000
Max. Pool Capacity	Gal	26000	Nominal Water Flow	GPM	43
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	96424	Heating capacity	Btu/hr	95929
COP	W/W	5.69	COP	W/W	5.13
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	68798	Rated Cooling capacity	Btu/hr	58085
COP	W/W	3.43	EER	(Btu/h)/W	12.6
Refrigerant (Type / Amount)	Type	R32	GWP (Global Warming Potential)		675
	Lbs	5.52	Work ambient temperature	°F(°C)	14~110(-10~43)

Product Details

Product Details					
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)	39-51	Noise at 10 ft.	dB(A)	≤56
Min. Circuit Amps MCA	A	30	Max Overcurrent Protection (MOP)	A	37
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	210/264	Net / Shipping Weight	kg	95.3/119.8

Dimension Drawing



Unit:inch

Feature

- R32 new environmentally friendly refrigerant, energy-saving, green, no harm to the ozone layer, low-carbon and environmentally friendly.
- DC variable frequency dual-rotor compressor, variable frequency energy-saving technology, soft start to protect the life of the machine.
- Microcomputer control: When the host is in shutdown, standby and other modes, it automatically starts the anti-freeze mode according to the ambient temperature and water temperature.
- Powerful/intelligent/silent mode is available.
- Outstanding energy-saving performance: high energy efficiency ratio, low energy consumption operation, intelligent temperature control.