



# SUBMITTAL DATA SHEET

## Pool & SPA Heat Pump

Model Number: XPH-150N8-MB2U

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

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



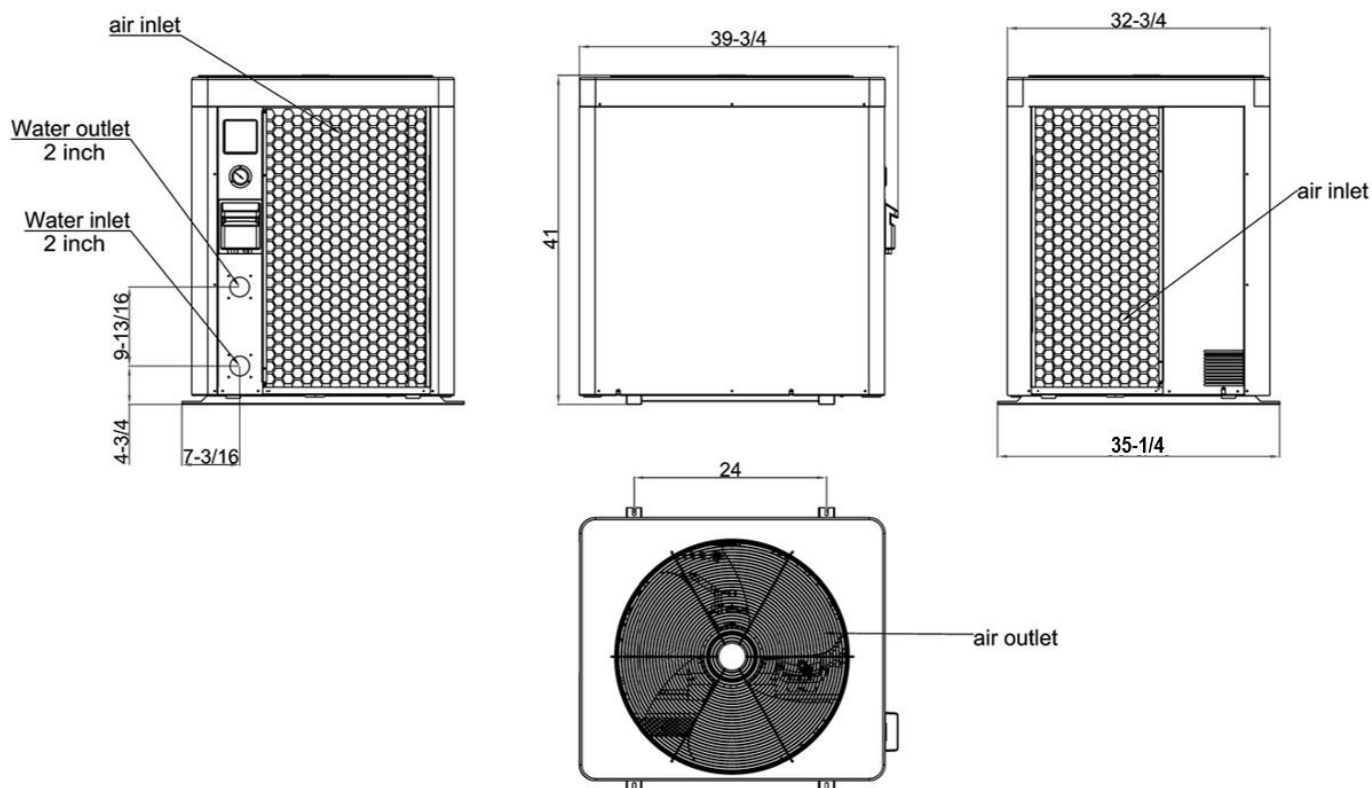
| Performance                    |        |                                        |                                |           |                                        |
|--------------------------------|--------|----------------------------------------|--------------------------------|-----------|----------------------------------------|
| Nominal heating capacity       | BTU    | 150000                                 | Nominal cooling capacity       | BTU       | 96000                                  |
| Max. Pool Capacity             | Gal    | 43000                                  | Nominal Water Flow             | GPM       | 65                                     |
| Rated Heating Conditions       |        | Air 80°F<br>Water 80°F<br>Humidity 80% | Heating Conditions             |           | Air 80°F<br>Water 80°F<br>Humidity 63% |
| Rated Heating capacity         | Btu/hr | 145300                                 | Heating capacity               | Btu/hr    | 133500                                 |
| COP                            | W/W    | 4.69                                   | COP                            | W/W       | 4.45                                   |
| Heating Conditions             |        | Air 50°F<br>Water 80°F<br>Humidity 63% | Rated Cooling Conditions       |           | Air 95°F<br>Water 86°F<br>Humid. 40%   |
| Heating capacity               | Btu/hr | 93130                                  | Rated Cooling capacity         | Btu/hr    | 96007                                  |
| COP                            | W/W    | 3.37                                   | EER                            | (Btu/h)/W | 11.2                                   |
| Refrigerant<br>(Type / Amount) | Type   | R32                                    | GWP (Global Warming Potential) |           | 675                                    |
|                                | Lbs    | 7.94                                   | 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)   | 45-57                | Noise at 10 ft.                      | dB(A) | ≤60                      |
| Min. Circuit Amps MCA                | A       | 48                   | Max Overcurrent Protection (MOP)     | A     | 60                       |
| 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      | 39-3/4 x 35-1/4 x 41 | Shipping Dimensions (LxWxH)          | in    | 41-3/8 x 37-1/8 x 46-1/2 |
|                                      | mm      | 1010 x 894 x 1041    |                                      | mm    | 1051 x 942 x 1180        |
| Net / Shipping Weight                | lbs     | 352/418              | Net / Shipping Weight                | kg    | 159.7/189.6              |

## 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.