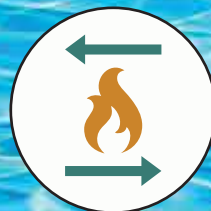


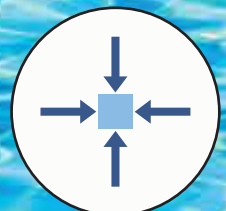
# SWIMMING POOL HEAT PUMP WATER HEATER



Low operating cost -  
more savings



Titanium heat exchanger  
to withstand corrosion



Occupies  
lesser space



Swimming Pool Heat Pumps are high capacity heating systems that can raise the temperature of the swimming pool water from ambient to a set temperature (27 ~ 35°C) and maintain the temperature. These heat pumps find their application in swimming pools in clubs, resorts and bungalows.

## FEATURES :



Eco-friendly Refrigerant



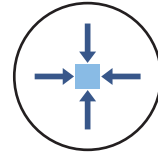
Titanium heat exchanger to withstand corrosion



Dual compressor system for continuous operation



Easy to install



Occupies lesser space



Low operating cost - more savings



Intelligent Electronic controller



Compressor - heart of the heat pump



Expansion valve



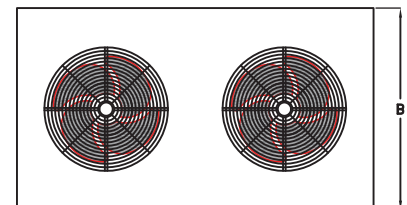
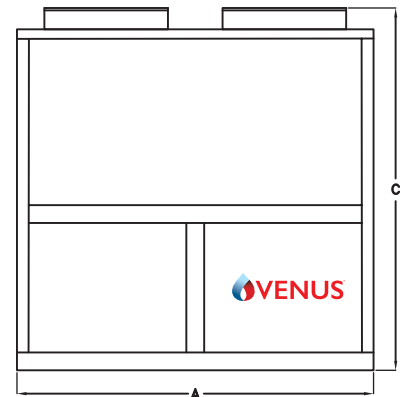
Water circulation technology

## Product Specifications

| Description                | VSPHPX23                                                           | VSPHPX39          | VSPHPX60          |
|----------------------------|--------------------------------------------------------------------|-------------------|-------------------|
| Heating Capacity (kW)      | 24.0                                                               | 39.5              | 60.0              |
| COP                        | 5.3                                                                | 5.2               | 5.2               |
| Power supply               | 38V/3N/5Hz                                                         |                   |                   |
| Input Power (kW)           | 4.62                                                               | 7.60              | 11.50             |
| Input Current (A)          | 7.0                                                                | 11.55             | 17.60             |
| Compressor type            | Scroll*1                                                           | Scroll*2          |                   |
| Throttle type              | Emerson thermal expansion valve / Electronic expansion valve (EEV) |                   |                   |
| Fan direction              | Vertical                                                           |                   |                   |
| Fan No.                    | 1                                                                  | 2                 | 2                 |
| Evaporator coil type       | Hydrophilic aluminium                                              |                   |                   |
| Evaporator tube type       | Innergroove tube                                                   |                   |                   |
| Heat exchanger type        | Titanium in PVC                                                    |                   |                   |
| Heat exchanger No.         | 1                                                                  | 2                 | 2                 |
| Controller type            | Intelligent touch display                                          |                   |                   |
| Ambient Temperature (°C)   | (-10°C ~ +45°C)                                                    |                   |                   |
| Refrigerant                | R410a                                                              |                   |                   |
| Low pressure Protection    | Yes                                                                |                   |                   |
| High pressure protection   | Yes                                                                |                   |                   |
| Automatic defroting system | Yes                                                                |                   |                   |
| Overload protection        | Yes                                                                |                   |                   |
| Noise in 1 meter (dB(A))   | ≤58                                                                | ≤63               | ≤69               |
| Product Dimension (mm)     | A B C                                                              | A B C             | A B C             |
| (L x B x C)                | 715 x 715 x 1050                                                   | 1405 x 800 x 1050 | 1600 x 820 x 1050 |
| Net weight (kg)            | 130                                                                | 250               | 370               |

Higher capacity models (80kW & 100kW etc) are also available

\* Testing condition - Heating: Ambient temp. (DB/WB): 24°C/19°C, 62.5% RH, water temp. (input/output): 26°C/35°C.



 **VENUS**<sup>TM</sup>  
Hot Water Professionals



## VENUS HOME APPLIANCES (P) LTD.

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