

AIR SOURCE HEAT PUMP – Swimming Pool			
Sr. No.	SUNTEC Model		SC-W-2000
	Parameter	Unit	Values
1.	Power supply		380V-415V @ 3Ph + N,50Hz
2.	Ambient temp	°C	0 to 43°C
3. *	Rated Heating output	kW	199.4
	Rated Power Heating	kW	34
	COP	W/W	5.86
4. **	Rated Heating output	kW	144
	Rated Power Heating	kW	28.12
	COP	W/W	5.13
5. ***	Rated Cooling Capacity	kW	107.2
	Rated Input Power Cooling	kW	36.2
	EER	W/W	2.96
6.	Max. Input power	kW	44.2
7.	Rated Current	A	62.2
8.	Max. input current	A	80.9
9.	Rated Outlet Water Temp.	°C	28
10.	Compressor	Scroll	Copeland
11.	Refrigerant	Type	Eco-Friendly
12.	IP grade (Level of protection)		IPx4
13.	Electric shock protection type		I
14.	Water Circulation	m ³ /hr	85.74 @ ΔT: 2°C, / 57.2 @ ΔT: 3°C
15.	Noise	dB(A)	≤78
16.	Net weight	kg	964
17.	Unit dimension (L x W x H)	mm	1850 x 2000 x 1950

Working Conditions

1. For Heating

*Dry bulb temperature 26°C, Inlet water temperature 26°C, and Outlet water temperature 28°C.

**Dry bulb temperature 7°C, Inlet water temperature 26°C, and Outlet water temperature 28°C.

2. For Cooling

***Dry bulb temperature 43°C, Inlet water temperature 32°C, and Outlet water temperature--.