

AIR SOURCE HEAT PUMP – Swimming Pool			
Sr. No.	SUNTEC Model		SC-W-1400
	Parameter	Unit	Value
1.	Power supply	---	380V-415V @ 3Ph + N,50Hz
2.	Ambient temp	°C	0 to 43°C
3.	Rated Heating Capacity	kW	140
	Rated Input Power	kW	28.8
	COP	W/W	4.86
	Rated Input Current	A	54.7
4.	Rated Cooling Capacity	kW	95.2
	Rated Input Power	kW	33.6
	EER	W/W	2.83
	Rated Input Current	A	63.8
5.	Max. Outlet Water Temp.	°C	40
6.	Heat Exchanger	Type	Titanium tube in PVC shell
7.	Compressor	Type	Scroll
		Qty.	2
8.	Refrigerant	Type	Eco-Friendly
9.	Fan Discharging	Direction	Vertical
10.	Water Circulation	m ³ /hr	60
11.	Water In / Out Connection	---	DN80
12.	Noise	dB(A)	≤70
13.	Net weight _{Approx.}	kg	720
14.	Unit dimension (L x W x H)	mm	1990 x 980 x 2045

Test Conditions

- For Heating:** Ambient temp.(DB/WB)=24°C/19°C, 65.2%RH, Inlet water temp.=28°C
- For Cooling:** Ambient temp.(DB/WB)=35°C/24°C, Inlet water temp.=32°C