

**Cardiff**<sup>®</sup>  
Swimming Pool Water heaters

# Swimming Pool Products










Residential Inverter Swimming Pool Heat Pump



**INVERTER**

## CSPWH inverter Series



-   
Refrigerant
-   
Optional Wi-Fi Control
-   
Fast Heating
-   
High Energy Efficiency
-   
Low Noise
-   
Constant Water Temperature
-   
Multiple Control Mode
-   
Optional Appearance
-   
Optional Display

Model: CSPWH	210-4IN	210-4INT	250-4INT	280-4INT
Ambient Temperature: (DB/WB) 27° C/24.3° C; Water Inlet/Outlet Temperature: 26° C/28° C.				
Heating Capacity (kW)	4.72~21.2	4.72~21.2	4.78~25.3	4.95~28.1
Consumed Power (kW)	0.330~3.59	0.330~3.59	0.33~4.36	0.25~5.10
COP	14.3~5.91	14.24~5.88	14.48~5.8	14~6.51
Ambient Temperature : (DB /WB ) 15 °C /12 °C ; Water Inlet Temperature : 26 °C .				
Heating Capacity (kW)	3.5~14.2	3.52~14.07	3.61~16.70	4.05~18.50
Consumed Power	0.47~2.880	0.460~2.865	0.473~3.394	0.537~3.737
COP	7.45~4.93	7.65~4.91	7.58~4.92	7.54~4.95
Power Supply	220-240V/50Hz		380-415V/50Hz	
Max. Power Input (kW)	4.10	4.10	4.50	5.40
Max Current (A)	18.8	7.30	8.5	10.2
Heating Temperature Range (C)	-10~43			
Operating Temperature Range (C)	15~40			
Refrigerant Type	R410A			
Compressor Brand	Mitsubishi			
Sound Pressure 1 m dB ( A )	44~55	44~55	35~55	36~55
Water Flow (m <sup>3</sup> /h)	7~9.5	7~9.5	8~11.2	9~12.8
Water Pressure Drop (kPa )	32	32	35	38
Net Dimensions L*W*H (mm)	1096*447*680			
Net Weight (kg)	75	75	73	73
Water Pipe Connection (inlet/outlet)	G1-1/2"	G1-1/2"	G1-1/2"	G1-1/2"

Note:  
R410A  
More plastic and metal plate appearance optional.