SPRSUN

R410A
Refrigerant

Commercial
Swimming Pool Heat Pump



A Professional Heat Pump Manufacturer Since 1999

OceanTech Series

Commercial ON/OFF Swimming Pool Heat Pump

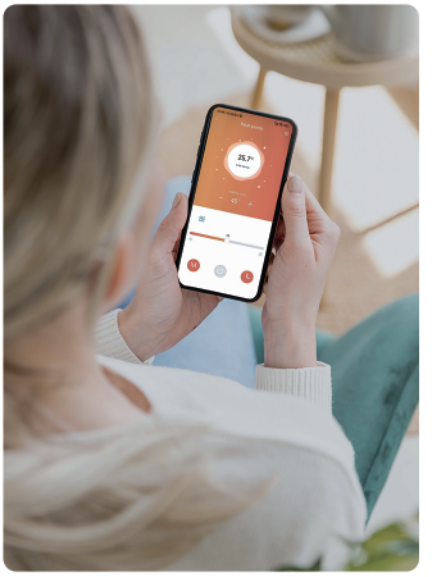


- Multiple function controller
- Reduced Noise
- WIFI Control
- -15°C-45°C Wide Temp. Range
- Intelligent Defrost

Wi-Fi Remote Control

Allows you to easily control your pool heat pump from anywhere, anytime.





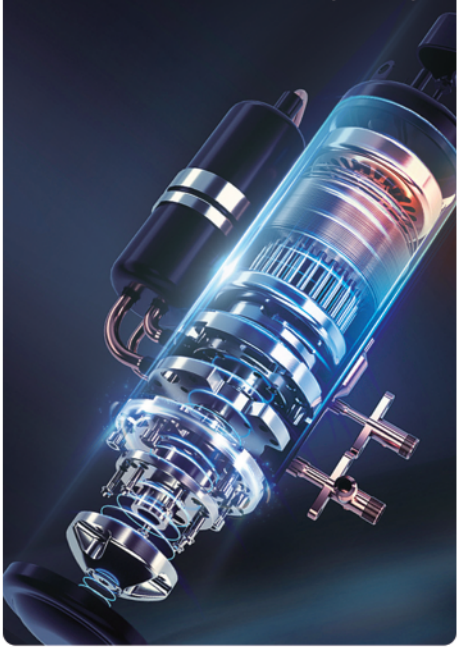
Operation Range: -15°C to 45°C

Adapts seamlessly to changing weather for year-round performance.



High Efficiency

Equipped with a premium Copeland compressor for superior energy savings.



Optional Cascade Function

Boost heating capacity by connecting multiple heat pumps.



Customisable Design

Tailor the appearance to better suit your local market needs.



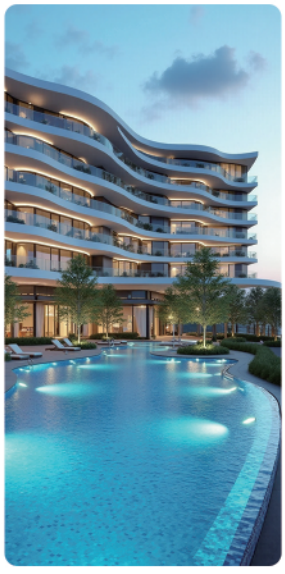
- Constant pool water temperature
- Max. outlet water **temprature: 40°C (optional: 45°C)**
- **Heating** Capacity Up to 120KW
- **Cooling** Capacity Up to 78KW
- Anti-corrosion: **Titanium** Tube-in-shell Heat Exchanger

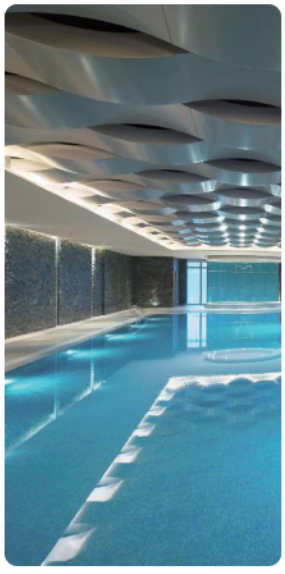


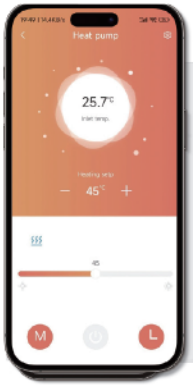
OceanTech Series

IDEAL FOR

Hotels • Spas • Resorts • Fitness Centres











Heat Pump Pro



Heat Pump Pro





SPECIFICATION

Model		CGY/D-9-A	CGY/D-12-A	CGY/D-18-A	CGY/D-22-A	CGY/D-28-A	
Power supply	V	220V~240V/50Hz/1ph			380V~415V/50Hz/3ph		
Refrigerant		R410A					
Heating capacity	KW	10	15	20	26	32	
Input power	KW	1.95	2.93	3.91	5.10	6.27	
COP		5.12	5.12	5.11	5.10	5.10	
Rated current	A	9.3	5.6	7.4	9.7	11.9	
Max current	A	13.1	7.8	10.4	13.6	16.7	
Fan motor power	W	90	90	90	90	90	
Fan motor quantity	Piece	1	1	1	1	1	
Condenser		Titanium Tube in shell heat exchanger					
Water flow	L/h	3439	5159	6879	8942	11006	
Water pressure drop	Kpa	≤20	≤28	≤35	≤36	≤36	
Net weight	kg	95	100	140	148	148	
Gross weight	kg	101	106	150	158	158	
Sound power level (at 1m)	db	54	54	58	58	58	
Classification of waterproof		IPX4					
Electric shock proof grade		I					
Pipe size	mm	φ50	φ50	φ50	φ50	φ50	
Dimension	mm	710*710*925	710*710*925	810*810*1055	810*810*1055	810*810*1055	
Packing dimension	mm	780*780*1075	780*780*1075	890*890*1205	890*890*1205	890*890*1205	
Compressor model/quantity		ZW31KWP-PFZ*1	ZW42KWP-TFD*1	ZW54KWP-TFD*1	ZW72KWP-TFD*1	ZW83KWP-TFD*1	

Model		CGY/D-36-A	CGY/D-42-A	CGY/D-52-A	CGY/D-72-A	CGY/D-95-A	CGY/D-120-A
Power supply	V	380V~415V/50Hz/3ph					
Refrigerant		R410A					
Heating capacity	KW	40	48	60	80	100	130
Input power	KW	7.80	9.38	11.70	15.53	19.38	25.19
COP		5.13	5.12	5.13	5.15	5.16	5.16
Rated current	A	14.8	17.8	22.2	29.5	36.8	47.8
Fan motor power	W	250	250	800	800	1150	1150
Fan motor quantity	Piece	2	2	2	2	2	2
Condenser		Titanium Tube in shell heat exchanger					
Water flow	L/h	13758	16509	20636	27515	34394	44712
Water pressure drop	Kpa	≤38	≤40	≤42	≤45	≤48	≤50
Net weight	kg	250	286	325	482	610	830
Gross weight	kg	268	306	345	506	650	880
Sound power level (at 1m)	db	65	66	68	75	78	79
Classification of waterproof		IPX4					IPX4
Electric shock proof grade		I					I
Pipe size	mm	φ63	φ63	φ63	φ75	φ90	φ90
Dimension	mm	1500×800×1150	1500×800×1150	1500×800×1150	2100×1100×1250	2100×1100×1250	2100×1100×1250
Packing dimension	mm	1580*880*1300	1580*880*1300	1580*880*1300	2180x1180x1410	2180x1180x1410	2180x1180x1410
Compressor model/quantity		ZW54KWP-TFD*2	ZW72KWP-TFD*2	ZW83KWP-TFD*2	ZW375HAC-TF*2	ZW420HAP-TFP*2	INVOTECH YW400C1-105*2

●Rated working condition: dry-bulb temp: 24°C, wet-bulb temp: 16°C, cool water temp: 26°C, hot water temp:28°C.

The information in this document is just for reference. Since the continuous improvement and control in the production process, the information contained in this document may be subject to change. Please refer to the nameplate on the machine for model specifications.

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