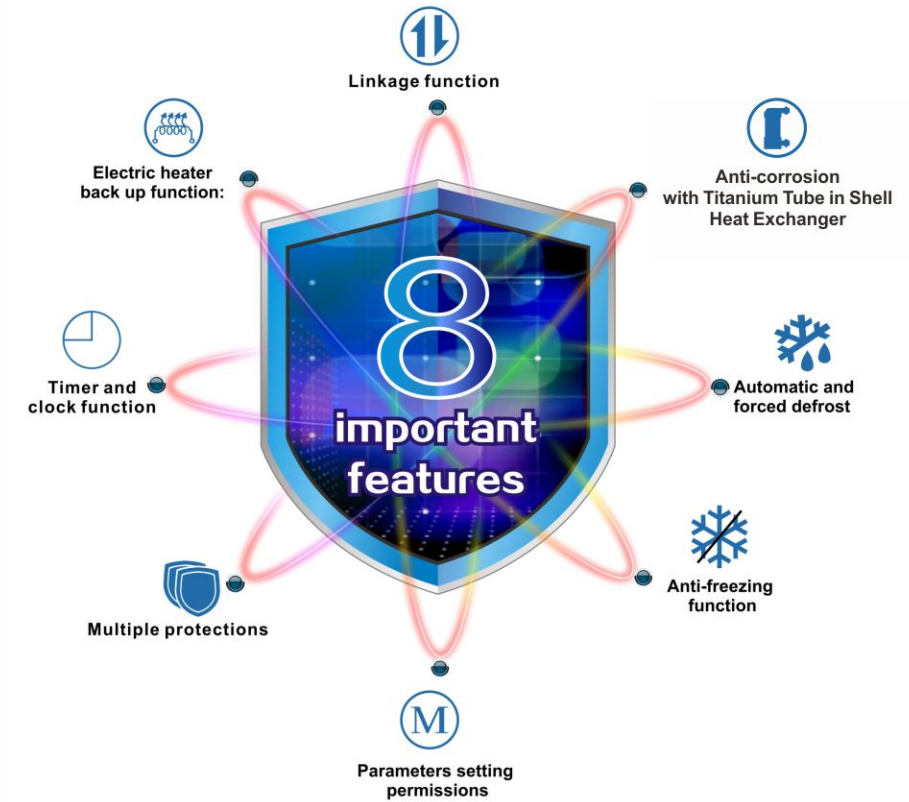


SWIMMING POOL HEAT PUMP

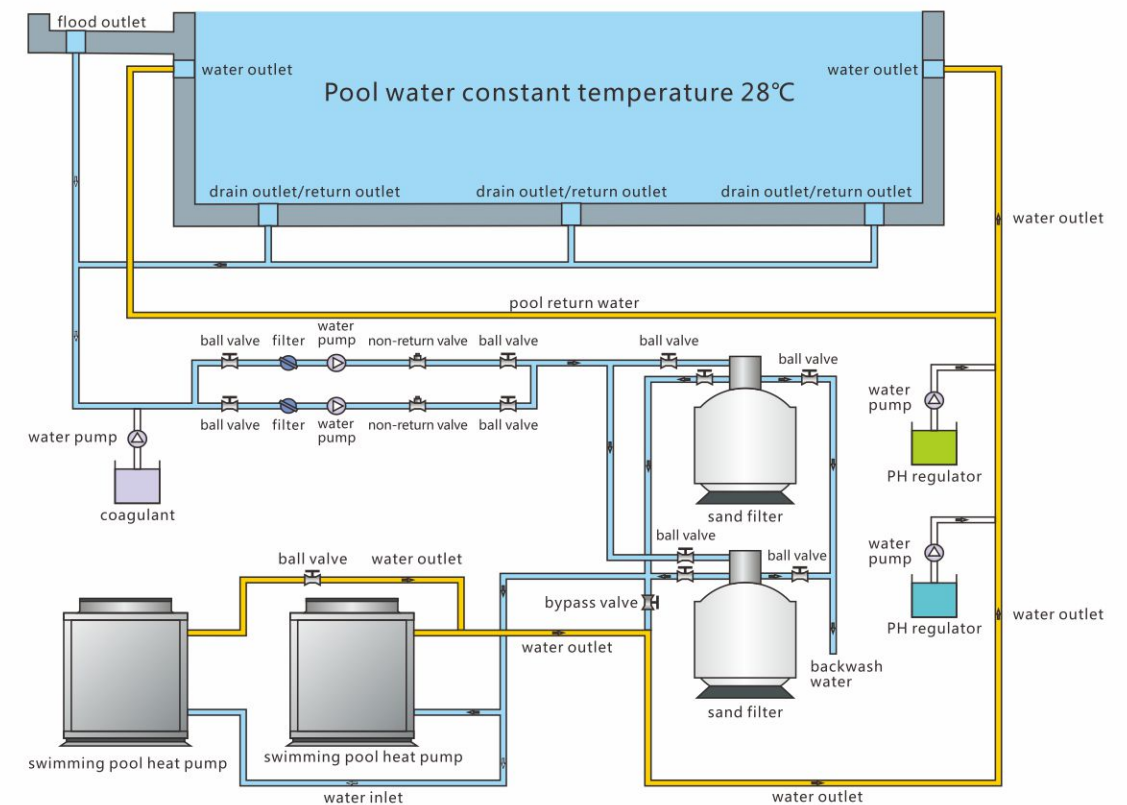
- Constant pool water temperature
- Max outlet water temperature: 40°C
- Absorb heat from the air with high COP (up to 5.16)
- Working air temperature range: -10°C to 45°C
- Guaranteed safety: water and electricity are isolated
- Save 65%-80% of the operating costs
- Eco-friendly without pollution to the environment



▲ Important technology features



Installation diagram



Top discharge swimming pool heat pump



Swimming Pool Heat Pumps For Water Heating & Cooling

- ◆ Constant pool water temperature (max. 40°C)
- ◆ Heating Capacity Up to 120KW
- ◆ Cooling Capacity Up to 78KW
- ◆ Anti-corrosion w/Titanium Tube-in-shell Heat Exchanger



Specifications

Model	CGY/D-9	CGY/D-12	CGY/D-18	CGY/D-22	CGY/D-36	CGY/D-42	CGY/D-52	CGY/D-72	CGY/D-95	CGY/D-120		
Power supply	220V~240V/50Hz/1ph				380V~415V/50Hz/3ph							
Refrigerant	R410A				R410A				R407C			
Heating capacity	10	15	18.5	26	40	48	60	80	100	120		
Input power	1.95	2.94	3.61	7.80	9.38	11.70	15.53	19.38	23.26			
COP	5.12	5.11	5.12	5.11	5.10	5.13	5.12	5.13	5.15	5.16		
Rated current	9.3	14.0	17.3	9.0	9.0	25.0	25.0	80.0	80.0	115.0		
Fan motor power	90	90	90	90	90	250	250	800	800	1150		
Fan motor quantity	1	1	1	1	1	2	2	2	2	2		
Condenser	Titanium Tube in shell heat exchanger											
Water flow	3439	5159	6363	5159	6879	8942	13758	16509	20636	27515		
Water pressure drop	≤20	≤23	≤25	≤28	≤35	≤36	≤38	≤40	≤42	≤45		
Net weight	95	100	140	100	140	148	250	286	325	482		
Gross weight	101	106	150	106	150	158	268	306	345	506		
Noise	54	54	58	54	58	58	65	68	75	78		
Classification of waterproof	IPX4											
Electric shock proof grade	I											
Pipe size (internal thread)	50	50	50	50	50	50	φ63	φ63	φ75	φ75		
Dimension	710*710*925	710*710*925	810*810*1055	710*710*925	810*810*1055	810*810*1055	1450*740*1150	1580*855*1200	1580*855*1200	1850*1000*1950		
Packing dimension	780*780*1075	780*780*1075	890*890*1205	780*780*1075	890*890*1205	890*890*1205	1540*820*1320	1700*950*1470	1700*950*1470	1940*1120*2180		

• Rated working condition: dry-bulb temp: 24°C, wet-bulb temp: 16°C, cool water temp: 27°C, hot water temp: 29°C.

Swimming Pool Heat Pump - Water Heating and Cooling Series



Specifications

Model	CGY/C-3.5	CGY/C-5.5	CGY/C-7	CGY/C-9
Power supply	220V~240V/50Hz/1ph			
Refrigerant	R410A			
Heating capacity	4.2	5.5	8.2	9.5
Input power	0.8	1.1	1.6	1.9
COP	5.10	5.08	5.09	5.08
Rated current	3.9	5.2	7.7	8.9
Fan motor power	30	30	40	40
Fan motor quantity	1	1	1	1
Condenser	Titanium Tube in Shell Heat Exchanger			
Water flow	1445	1892	2820	3267
Water pressure drop	≤25	≤27	≤28	≤30
Net weight	43	48	53	60
Gross weight	45	50	55	58
Noise	45	45	48	49
Classification of waterproof	IPX4			
Electric shock proof grade	I			
Pipe size (internal thread)	50	50	50	50
Dimension	970*300*550	970*300*550	1006*350*618	1006*350*618
Packing dimension	1040*330*580	1040*330*580	1050*390*640	1050*390*640

• Rated working condition: dry-bulb temp: 24°C, wet-bulb temp: 16°C, water inlet temp: 27°C, water outlet temp: 29°C.

Side discharge swimming pool heat pump



Specifications

Model	CGY/D-9(HC)	CGY/D-12(HC)	CGY/D-18(HC)	CGY/D-22(HC)	CGY/D-36(HC)	CGY/D-42(HC)	CGY/D-52(HC)	CGY/D-72(HC)	CGY/D-95(HC)	CGY/D-120(HC)	
Power supply	220V~240V/50Hz/1ph				380V~415V/50Hz/3ph						
Refrigerant	R410A				R410A				R407C		
Heating capacity	10	15	18.5	26	40	46	60	80	100	120	
Input power	1.95	2.94	3.61	7.80	9.38	11.70	15.53	19.38	23.26		
COP	5.12	5.11	5.12	5.11	5.10	5.13	5.12	5.13	5.15	5.16	
Cooling capacity	6.50	9.75	12.03	9.75	13.00	16.90	26.00	29.90	39.00	52.00	
Input power	2.12	3.18	3.91	3.17	4.24	5.52	8.45	9.73	12.67	16.83	
EER	3.07	3.07	3.07	3.07	3.07	3.06	3.08	3.07	3.08	3.09	
Rated current	9.3	14.0	17.3	9.0	9.0	25.0	25.0	80.0	80.0	115.0	
Fan motor power	90	90	90	90	90	250	250	800	800	1150	
Fan motor quantity	1	1	1	1	1	2	2	2	2	2	
Condenser	Titanium Tube in shell heat exchanger										
Water flow	3439	5159	6363	5159	6879	8942	13758	15821	20636	27515	
Water pressure drop	≤20	≤23	≤25	≤28	≤35	≤36	≤38	≤40	≤42	≤45	
Net weight	95	100	140	100	140	148	250	286	325	482	
Gross weight	101	106	150	106	150	158	268	306	345	506	
Noise	54	54	58	54	58	58	65	68	75	78	
Classification of waterproof	IPX4										
Electric shock proof grade	I										
Pipe size (internal thread)	50	50	50	50	50	50	φ63	φ63	φ75	φ75	
Dimension	710*710*925	710*710*925	810*810*1055	710*710*925	810*810*1055	810*810*1055	1450*740*1150	1580*855*1200	1580*855*1200	1850*1000*1950	
Packing dimension	780*780*1075	780*780*1075	890*890*1205	780*780*1075	890*890*1205	890*890*1205	1540*820*1320	1700*950*1470	1700*950*1470	1940*1120*2180	

• Rated working condition: dry-bulb temp: 24°C, wet-bulb temp: 16°C, cool water temp: 27°C, hot water temp: 29°C.