



Swimming pool heatpump type CHPP

CHPP pool heat pumps are designed for outdoor installation and are suitable for heating pools with a volume of up to 80m³. They are installed in the pool filtration system.

Brand

- ATC / Gree

Specifications

- Environmental-friendly refrigerant agent R32
- Titanium heat exchanger
- High efficiency compressor DC inverter
- Low noise fan, DC inverter
- WIFI function (controlling heat pump with your smartphone)
- Aesthetic design with ABS plastic casing

		Technical data			
Mod.		CHPP-010	CHPP-013	CHPP-017	CHPP-021
Advised pool volume	m ³	25-40	35-50	50-70	60-80
Heating temperature range	°C	15-40	15-40	15-40	15-40
Operating range	°C	-15-43	-15-43	-15-43	-15-43
Heating Capacity at Air 26 , Humidity 80%, Water 26 in, 28 out					
Capacity	KW	10.58-2.41	13.64-3.11	17.21-3.91	21.43-4.86
Power input	KW	1.52-0.15	1.95-0.19	2.47-0.25	3.08-0.31
Input current	A	6.88-0.89	8.61-1.06	10.03-1.19	14.29-2.04
COP		15.81-6.94	16.11-6.98	15.94-6.96	15.92-6.95
Heating Capacity at Air 15 , Humidity 70%, Water 26 in, 28 out					
Capacity	KW	7.91-1.80	10.16-2.31	12.83-2.92	15.94-3.62
Power input	KW	1.59-0.24	2.04-0.30	2.58-0.38	3.22-0.48
Input current	A	7.39-1.21	9.41-1.43	10.85-1.61	15.04-2.53
COP		7.58-4.96	7.63-4.98	7.61-4.97	7.57-4.95
Cooling Capacity at Air 35 , Water 29 in, 27 out					
Capacity	KW	5.86-1.45	7.21-1.79	9.43-2.31	11.52-2.94
Power input	KW	1.57-0.22	1.89-0.26	2.51-0.34	3.16-0.43
EER		6.71-3.74	6.94-3.82	6.88-3.76	6.85-3.65
Power supply	V/Hz	220-240V~ /50Hz	220-240V~ /50Hz	220-240V~ /50Hz	220-240V~ /50Hz
Max Power Input	KW	2.0	2.5	3.1	4.2
Rated power input	KW	1.58	2.03	2.57	3.2
Max Current	A	9.1	11.4	14.1	19.0
Rated current	A	5.27	7.18	9.23	11.68
Compressor		Toshiba	Toshiba	Toshiba	Toshiba
Refrigerant		R32/650g	R32/820g	R32/850g	R32/1010
Heat exchanger		Titanium	Titanium	Titanium	Titanium
Air flow direction		Horizontal	Horizontal	Horizontal	Horizontal
Water flow volume	m ³ /h	4.5	5.5	6.5	9.0
Flow range	m ³ /h	3-5	4-6	5-7	8-10
Kind of defrost		by 4 way valve	by 4 way valve	by 4 way valve	by 4 way valve
Noise level	dB(A)	≤42	≤43	≤45	≤46
Casing material		ABS plastic	ABS plastic	ABS plastic	ABS plastic
Net dimensions	mm	972×430×653	972×430×653	972×430×653	1083×448×704
Net/gross weight	kg	55/66	56/67	60/72	92/105
Water proof level		IPX4	IPX4	IPX4	IPX4