

13.4
COP



- Mixed color design(customizable)
- LCD control panel (language customizable)
- Novelty screwless design
- Multiple noise reduction design



WiFi Function



Heating&Cooling



Wide Working Range

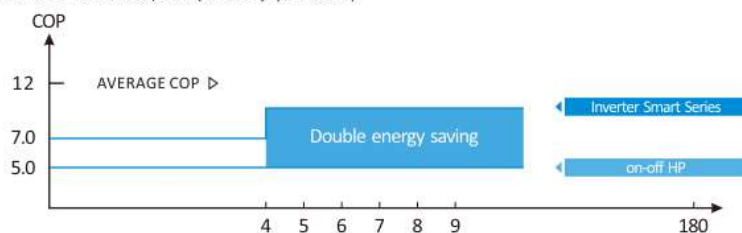


Intelligent Defrosting



SAVE ENERGY AND SPEED UP HEATING TIME

Inverter Smart Series VS on/off HP(in 180 days pool season)



FULL-INVERTER POOL HEAT PUMP (Smart Series)

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	CP-RW0100031-02	CP-RW0150014-04	CP-RW0200021-03	CP-RW0300040-01	CP-RW0400003-02	CP-RW0500077-02	CP-RW0600005
Model	PW010-KZXYC-C	PW015-KZXYC-C	PW020-KZXYC-C	PW030-KZXYC-C	PW040-KZXYC-C	PW050-KZXYC-C	PW060-KZXYC-C
Picture							
Advised pool volume (m³)	15~30	20~40	25~50	30~60	40~75	55~100	55~100
Operating air temperature (℃)	-7 ~43						
Operating water temperature (℃) heating	9~40						
Operating water temperature (℃) cooling	9~35						
Performance Condition: Air 27℃, Water 26℃, Humidity 80%							
Heating capacity (kW)	7.50~1.92	9.50~2.10	11.00~2.50	14.00~3.15	17.00~3.75	20.00~4.00	24.00~4.80
Heating Capacity (Btu)	25500~6528	32300~7140	37400~8500	47600~10710	57800~13090	68000~13600	81600~16320
Consumed power (kW)	1.36~0.15	1.73~0.16	2.00~0.19	2.54~0.24	3.1~0.28	3.64~0.31	4.36~0.38
COP	5.5~12.8	5.5~13.1	5.5~13.2	5.5~13.0	5.5~13.4	5.5~12.9	5.5~12.8
COP at 50% capacity	9.00	9.50	9.50	9.00	9.50	9.50	9.50

Performance Condition: Air 15℃, Water 26℃, Humidity 70%							
Heating capacity (kW)	5.80~1.42	7.2~1.50	8.5~1.65	10.7~2.40	13.0~2.65	15.6~2.85	18.7~3.42
Heating Capacity (Btu)	19720~4828	24480~5100	28900~5610	36380~8160	44200~9010	53040~9690	63580~11630
Consumed power (kW)	1.28~0.22	1.60~0.23	1.89~0.25	2.38~0.37	2.89~0.41	3.47~0.44	4.16~0.53
COP	4.5~6.5	4.5~6.5	4.5~6.5	4.5~6.5	4.5~6.5	4.5~6.5	4.5~6.5
COP at 50% capacity	5.20	5.50	5.50	5.20	5.50	5.50	5.50
Performance Condition: Air 35℃, Water 28℃, Humidity 80%							
Cooling capacity (kW)	4.0	5.2	6.0	7.2	8.6	10.1	11.8
Sound pressure at 1m dB(A)	38~48	38~48	40~50	42~51	43~52	43~53	43~54
Sound pressure of 50% capacity at 1m dB(A)	40	40	41	43	44	44	45
Sound pressure at 10m dB(A)	18~25	18~25	19~26	22~27	23~30	24~31	25~32
Heat exchanger	Spiral titanium tube in PVC						
Power supply	230V/1 Ph/50Hz						
Refrigerant	R32						
Compressor	Gree						
Four-way valve	Sanhua						
Expansion valve	Sanhua						
Frequency driver board	Chico						
Casing	Metal Casing						
Water Connection (mm)	Φ50						
Rated input power at air 15℃ (A)	5.6~1.0	7.0~1.0	8.3~1.1	10.5~1.6	12.6~1.8	15.2~1.9	18.5~2.3
Advised water flux (m³/h)	2~4	2~4	3~5	4~6	6~9	8~10	9~12
Water Pressure Drop (max) kPa	2	3	4	5	5	6	8
Net weight/Gross weight (kg)	48/53	50/55	53/58	58/63	67/72	67/72	72/77
Product size (mm)	912*360*610				980*370*760		
Package size (mm) (carton)	953*410*745				1021*420*895		
Package size (mm) (Plywood)	970*410*745				1038*420*895		