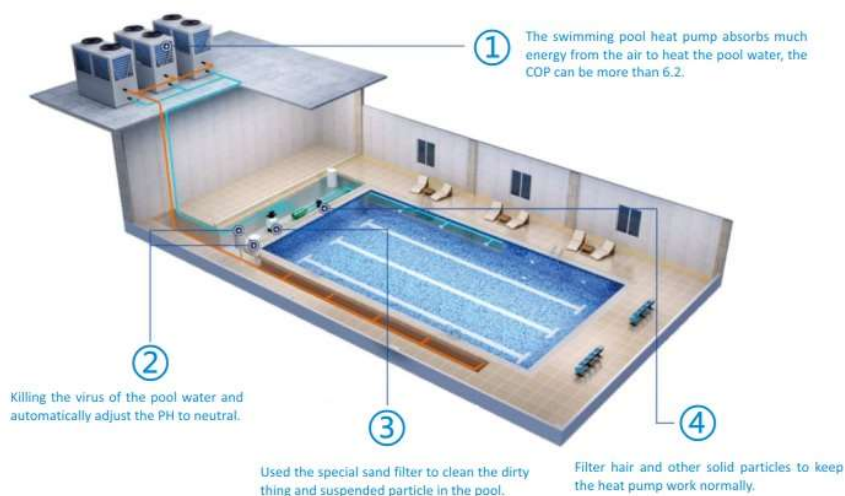


COMMERCIAL POOL HEAT PUMP

BOM code	CP-RG0500115	CP-RG1000095	CP-RG1500018	CP-RW2000021	CP-RG2500006	CP-RG3000001
Model	PW050-KFXYC	PW100-KFXYC	PW150-KFXYC	PW200-KFXYC	PW250-KFXYC	PW300-KFXYC
Picture						
Advised pool volume (m³)	40~85	80~170	120~250	150~300	210~400	260~500
Operating air temperature (°C)	-7~43					
Performance Condition: Air 27°C, Water 26°C, Humidity 80%						
Heating capacity (kW)	26,0	51,5	75,0	100,0	121,0	145,0
Heating capacity (Btu)	88400	175100	255000	340000	411400	493000
Consumed power (kW)	4,2	8,4	12,1	16,8	20,2	23,8
COP	6,2	6,1	6,2	6,0	6,0	6,1
Performance Condition: Air 15°C, Water 26°C, Humidity 70%						
Heating capacity (kW)	18,3	39,8	53,5	77,5	90,3	105,8
Heating capacity (Btu)	62220	135320	181900	263500	307020	359720
Consumed power (kW)	3,9	8,40	11,30	16,70	19,20	22,80
COP	4,7	4,7	4,7	4,6	4,7	4,6
Performance Condition: Air 35°C, Water 28°C, Humidity 80%						
Cooling capacity (kW)	16,5	33,4	48,5	65,1	78,5	94,6
Sound pressure at 1m dB(A)	56	58	60	62	64	66
Sound pressure at 10m dB(A)	44	46	48	50	52	54
Heat exchanger	Spiral titanium tube in PVC					

- ① Swimming Pool Heat Pump
- ② Disinfection & pH Value Adjustment System
- ③ Sand Cylinder Filter
- ④ Hair Collector



Casing	Metal Casing					
Power supply	380-400V/3PH/50Hz					
Water connection (mm)	G1-1/2"(PVC female thread)	G2"(PVC female thread)	G2"(PVC female thread)	DN110(PVC flange)	DN110(PVC flange)	DN110(PVC flange)
Rated input current at air 15°C (A)	6,05	13,02	17,52	25,89	29,77	35,35
Advised water flux (m³/h)	11,2	22,1	32,3	43,0	52,0	62,4
Water pressure drop (max) kPa	50	50	50	45	45	50
Net weight/Gross weight (kg)	135/145	200/220	248/268	352/372	450/480	465/500
Product size (mm)	740*805*1165	1500*750*1075	1530*790*1100	1705*1005*1230	2005*1050*1400	
Package size (mm) (plywood)	800*865*1325	1600*850*1275	1630*890*1300	1805*1105*1430	2105*1150*1600	
Loading quantity (20GP/40GP/40HQ)	14/28/56	6/14/28	6/14/28	6/12/12	5/10/10	
Refrigerant charge quantity (g)	2500	5400	7000	10000	10400	13000
Refrigerant	R410A					
Compressor	Gree		Copeland			
Four-way valve	Sanhua					
Expansion valve	Sanhua					
Operating water temperature (°C) heating	9 ~43					
Operating water temperature (°C) cooling	9 ~35					