

QUIET PRO SERIES

INVERTER SWIMMING POOL HEAT PUMP



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This series is newly designed and developed for customers in coastal countries or regions on the basis of the Quiet series in 2022, two new appearances, it avoids any corrosion in the harsh working conditions and is suitable for swimming pools from 15m³ to 100m³.

- Unique 3D wind blade shape
- Strong weather resistance
- Anti-corrosion plastic casing
- Embedded Control Panel



Q uiet P ro Series

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Model	PW010 -KZXVC -H	PW015 -KZXVC -H	PW020 -KZXVC -H	PW030 -KZXVC -H	PW040 -KZXVC -H	PW050 -KZXVC -H	PW060 -KZXVC -H
Advised pool volume (m3)	15~30	20~40	25~50	30~60	40~75	55~100	55~100
Operating air temperature (°C)	-7~43°C						
Performance Condition: Air 27°C, Water 26°C, 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)	1.15~0.13	1.46~0.14	1.83~0.17	2.15~0.21	2.62~0.25	3.33~0.27	4.00~0.32
COP	6.5~14.8	6.5~15.0	6.0~14.7	6.5~15.0	6.5~15.0	6.0~14.8	6.0~15.0
COP at 50% capacity	10.5	11	11	10.5	11	11	11
Performance Condition: Air 15°C, Water 26°C, 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)	1.15~0.20	1.43~0.21	1.77~0.23	2.12~0.34	2.58~0.36	3.25~0.40	3.89~0.49
COP	5.0~7.1	5.0~7.2	4.8~7.2	5.0~7.1	5.0~7.4	4.8~7.0	4.8~7.0
COP at 50% capacity	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Performance Condition: Air 35°C, Water 28°C, Humidity 80%							
Cooling capacity (kW)	4	5.2	6	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	44~54
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 shell						
Casing	ABS Plastic Casing						
Refrigerant	R32						
Power supply	220V~230V/1 Ph/50Hz~60Hz						
Water connection (mm)	Φ50						
Rated input current at air 15°C (A)	5.1~0.9	6.3~0.9	7.8~1.0	9.3~1.5	11.3~1.6	14.3~1.8	17.8~2.3
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)	62/70	62/70	64/72	70/78	81/91	81/91	87/97
Product size (mm)	980*402*636				1107*503*760		
Operating water temperature(°C) Heating	9~43°C						
Operating water temperature(°C) Cooling	9~35°C						

Note:

The data above is for reference only,
Please refer to the nameplate on the unit if for more specific data.