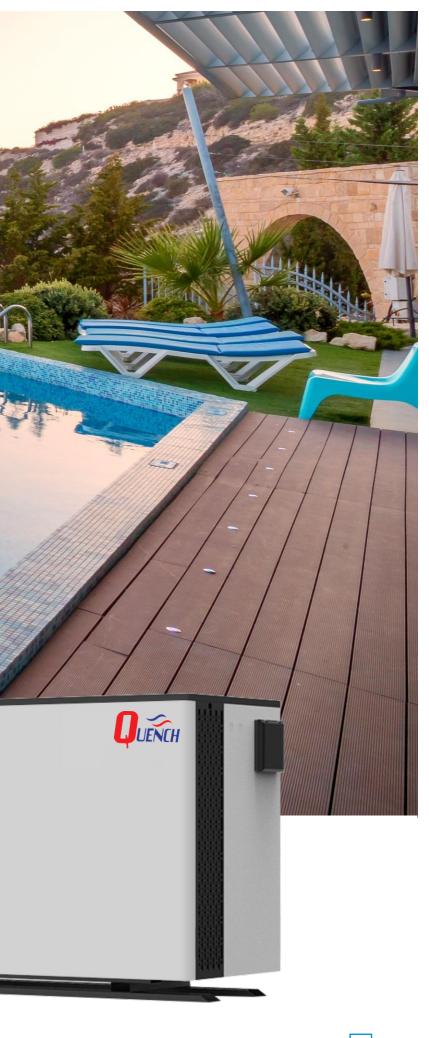
# **QUIET SERIES**

## INVERTER SWIMMING POOL HEAT PUMP





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SWIMMING POOL HEAT PUMP 2

### **INVERTER QUIET SERIES**



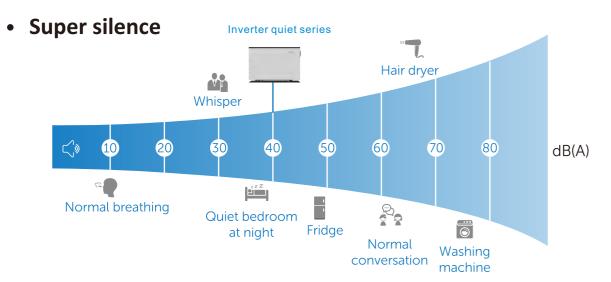
The INVERTER Quiet Series Swimming Pool Heat Pump adopts FULL DC INVERTER technology and the double-side discharge design and double rotor compressor, which brings a kind of beauty while effectively reducing the noise level. It is a new design style on the market, specifically designed for swimming pools of 15 to 100m<sup>3</sup>.

### Unique airstream design



Bottom air outlet

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Model Q-SP-30-1 Q-SP-40-Advised pool volume (m3) 15~30 20~40 Operating air temperature (°C) Performance Condition: Air 27°C, Water 26°C, Humidity 80% Heating capacity (kW) 7.50~1.92 9.50~2.10 Heating capacity (Btu) 25500~6528 32300~7140 Consumed power (kW) 1.15~0.13 1.46~0.14 COP 6.5~14.8 6.5~15.0 COP at 50% capacity 10.5 11 Performance Condition: Air 15°C, Water 26°C, Humidity 70% Heating capacity (kW) 5.80~1.42 7.2~1.50 Heating capacity (Btu) 19720~4828 24480~5100 Consumed power (kW) 1.15~0.20 1.43~0.21 5.0~7.1 COP 5.0~7.2 6.5 6.5 COP at 50% capacity Performance Condition: Air 35°C, Water 28°C, Humidity 80% Cooling capacity (kW) 5.2 4 38~48 38~48 Sound pressure at 1m dB(A) Sound pressure of 50% capacity at 1m dB(A) 40 40 Sound pressure at 10m dB(A) 18~25 18~25 Heat exchanger Casing Refrigerant Power supply Water connection (mm) Rated input current at air 15°C (A) 6.3~0.9 5.1~0.9 Advised water flux (m<sup>3</sup>/h) 2~4 2~4 Water pressure drop (max) KPa 2 3 Net weight / Gross weight (kg) 62/70 62/70 Product size (mm) 980\*40 Operating water temperature(°C) Heating Operating water temperature(°C) Cooling

Note:

The data above is for reference only,

Please refer to the nameplate on the unit if for more specific data.



1	Q-SP-50-1	Q-SP-60-1	Q-SP-75-1	Q-SP-100 -1S	Q-SP-100 -1							
	25~50	30~60	40~75	55~100	55~100							
		-7~43°C										
	11.00~2.50	14.00~3.15	17.00~3.75	20.00~4.00	24.00~4.80							
)	37400~8500	47600~10710	57800~13090	68000~13600	81600~16320							
	1.83~0.17	2.15~0.21	2.62~0.25	3.33~0.27	4.00~0.32							
	6.0~14.7	6.5~15.0	6.5~15.0	6.0~14.8	6.0~15.0							
	11	10.5	11	11	11							
	8.5~1.65	10.7~2.40	13.0~2.65	15.6~2.85	18.7~3.42							
)	28900~5610	36380~8160	44200~9010	53040~9690	63580~11630							
	1.77~0.23	2.12~0.34	2.58~0.36	3.25~0.40	3.89~0.49							
	4.8~7.2	5.0~7.1	5.0~7.4	4.8~7.0	4.8~7.0							
	6.5	6.5	6.5	6.5	6.5							
	6	7.2	8.6	10.1	11. 8							
	40~50	42~51	43~52	43~53	44~54							
	41	43	44	44	45							
	19~26	22~27	23~30	24~31	25~32							
	Spiral tit	anium tube in F	VC shell									
Metal Casing												
R32												
220V~230V/1 Ph/50Hz~60Hz												
		Ф50										
	7.8~1.0	9.3~1.5	11.3~1.6	14.3~1.8	17.8~2.3							
	3~5	4~6	6~9	8~10	9~12							
	4	5	5	6	8							
	64/72	64/72 70/78		81/91 81/91								
4(	02*636		1107*503*760									
	9~43°C											
		9~35°C										

## **QUIET PRO SERIES**

INVERTER SWIMMING POOL HEAT PUMP









## INVERTER QUIET PRO SERIES

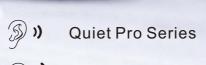


This series is newly designed and developed for customers in coastal countries or regions on the basis of the Quiet series in 2022, two new appearances, it avoids any corrosion in the harsh working conditions and is suitable for swimming pools from 15m<sup>3</sup> to 100m<sup>3</sup>.

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







(5) ») Others

Model	Q-UP -30-1	Q-UP -40-1	Q-UP -50-1	Q-UP -60-1	Q-UP -75-1	Q-UP -100-1S	Q-UP -100-1		
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, Wa	er 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	81600~1632		
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		
СОР	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, Wa	iter 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	63580~1163		
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		
СОР	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, Wa									
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.

