

Model	AI11	AI13	AI17	AI22	AI28	AI28T	AI40T
Advised pool volume (m³)	25-50	30-60	40-75	50-95	65-120	65-120	90-169
Operating air temperature (°C)	-7-43						
Performance Condition: Air 26°C, Water 26°C, Humidity 80%							
Heating capacity (kW)	11.3-2.8	13.3-3.4	17.3-4.4	21.2-5.4	27.9-7.1	27.5-7.0	36.2-9.2
Heating capacity (kW) in silence mode	9.0-2.8	10.4-3.4	13.8-4.4	16.8-5.4	21.8-7.1	21.7-7.0	28.9-9.2
C.O.P	15.1-6.5	15.0-6.4	15.2-6.3	15.1-6.1	15.3-6.3	15.2-6.2	15.5-6.4
C.O.P in silence mode	15.1-7.5	15.0-7.4	15.2-7.3	15.1-7.1	15.3-7.3	15.2-7.2	15.5-7.4
Performance Condition: Air 15°C, Water 26°C, Humidity 70%							
Heating capacity (kW)	7.3-1.9	9.4-2.3	11.4-2.8	14.5-3.4	18.0-4.6	18.0-4.5	24.0-6.2
Heating capacity (kW) in silence mode	5.8-1.9	7.4-2.3	8.8-2.8	11.3-3.4	14.6-4.6	14.5-4.5	19.2-6.2
C.O.P	7.7-4.5	7.6-4.4	7.8-4.3	7.7-4.3	7.9-4.4	7.8-4.3	8.0-4.5
C.O.P in silence mode	7.7-5.2	7.6-5.1	7.8-5.2	7.7-4.8	7.9-5.1	7.8-5.0	8.0-5.2
Rated input power (kW)	1.6-0.22	2.1-0.25	2.6-0.33	3.33-0.44	4.0-0.58	4.0-0.58	5.3-0.79
Rated input current (A)	7.4-0.95	9.1-1.1	10.9-1.4	14.5-1.9	17.4-2.5	5.8-0.8	8.0-1.1
Power supply	230V/1 Ph/50Hz					400V/3 Ph/50Hz	
Advised water flux (m³/h)	4-6	5-7	6.5-8.5	8-10	10-12	10-12	12-18
Sound pressure 1m dB(A)	39.5-48.2	42.8-52.1	44.2-52.9	44.7-53.8	48.6-55.5	48.6-55.5	49.6-55.8
Sound pressure 10m dB(A)	19.5-28.2	22.8-32.1	24.2-32.9	24.7-33.8	28.6-35.5	28.6-35.5	29.6-35.8
Heat exchanger	Titanium in PVC						
Casing	ABS casing						
Water pipe in-out Spec (mm)	50						
Net dimension LxWxH (mm)	961×312×658	961×312×658	961×392×658	961×392×758	1090×420×960	1090×420×960	1160×530×960
Net weight (kg)	48	50	58	68	89	89	108
Qty per 20'FT / 40'HQ (sets)	90/198	90/198	78/165	52/165	44/100	44/100	34/72

* The values indicated are valid under ideal conditions: Pool covered with an isothermal cover, filtration system running at least 15 hours a day.
 * Above data is subject to modification without notice.

HEATPUMP **2016** SPECIALIST

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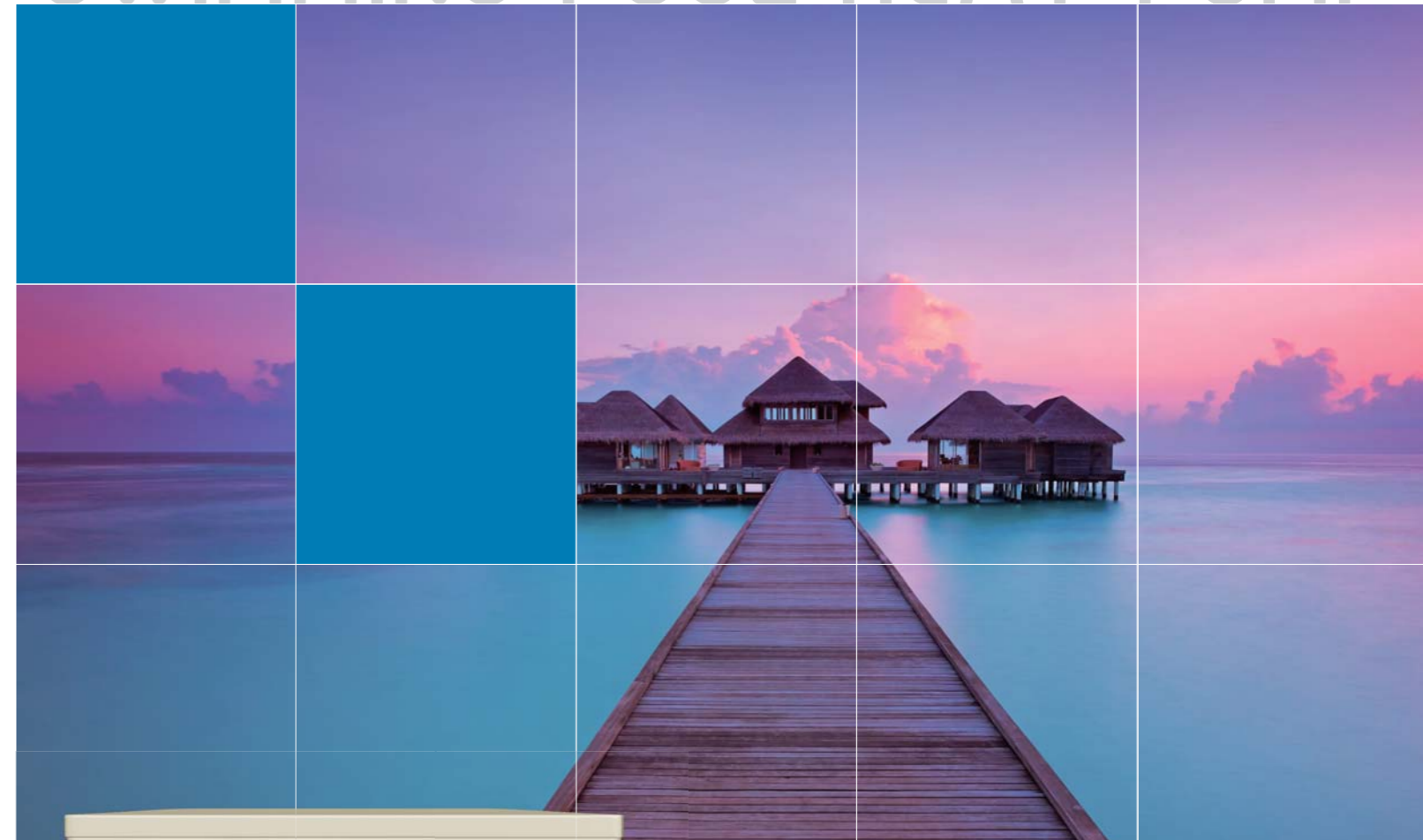
Tel: 0086-20-87321933

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http://www.fairland.com.cn

SWIMMING POOL HEAT PUMP



Aqua-Inverter

- COP up to 15 at Air 26°C/ Water 26°C/ Humidity 80%
- COP up to 8 at Air 15°C/ Water 26°C/ Humidity 70%



WHY AQUA-INVERTER TECHNOLOGY

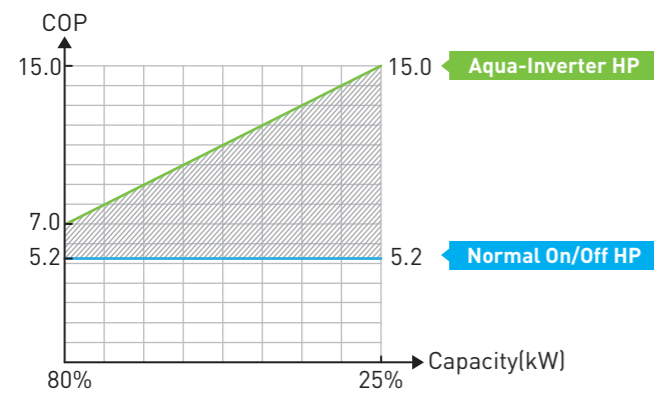
1 65% higher COP than Normal On/Off HP 50% higher COP than Normal Inverter HP

Thanks to the Aqua-Inverter technology, the HP can achieve the optimal performance to meet the pool needs, it is averagely 65% higher COP than normal on/off HP and 50% higher than normal inverter HP in the market.

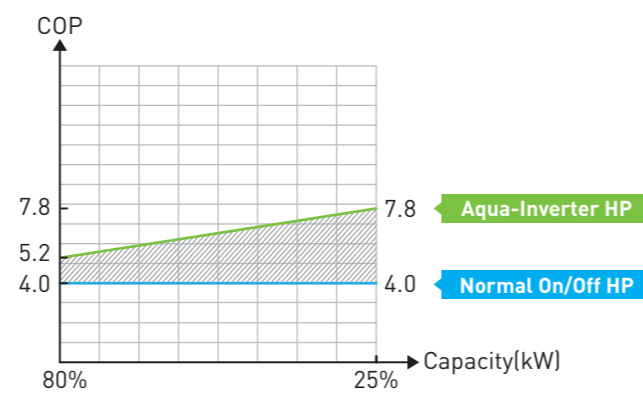


► Aqua-Inverter HP VS Normal On/Off HP (When Maintaining Pool Temperature)

Performance Condition:
Air 26°C/Water 26°C/Humidity 80%

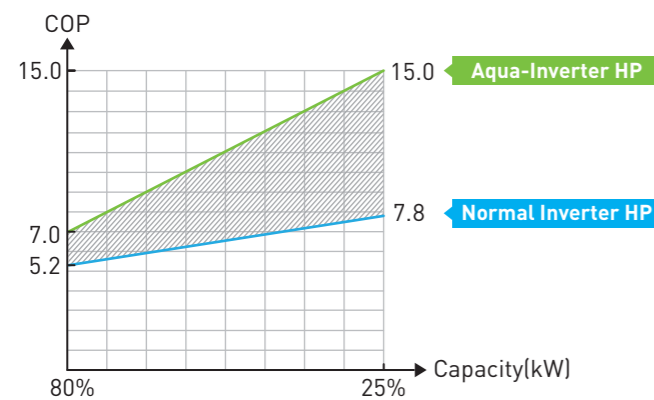


Performance Condition:
Air 15°C/Water 26°C/Humidity 70%

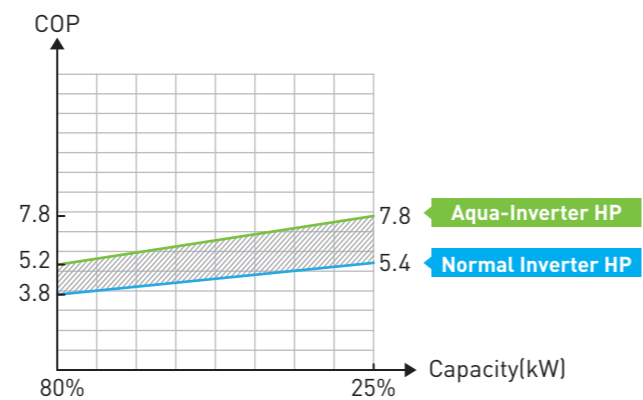


► Aqua-Inverter HP VS Normal Inverter HP (When Maintaining Pool Temperature)

Performance Condition:
Air 26°C/Water 26°C/Humidity 80%

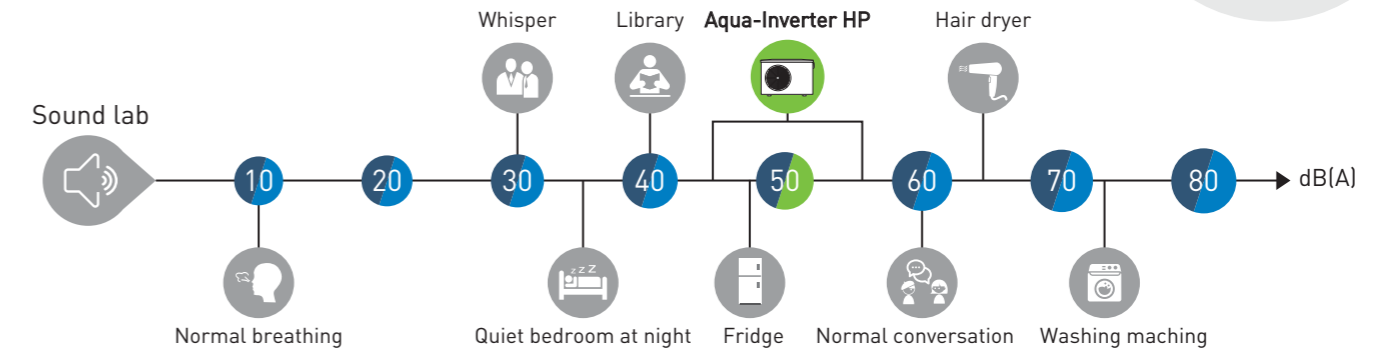


Performance Condition:
Air 15°C/Water 26°C/Humidity 70%



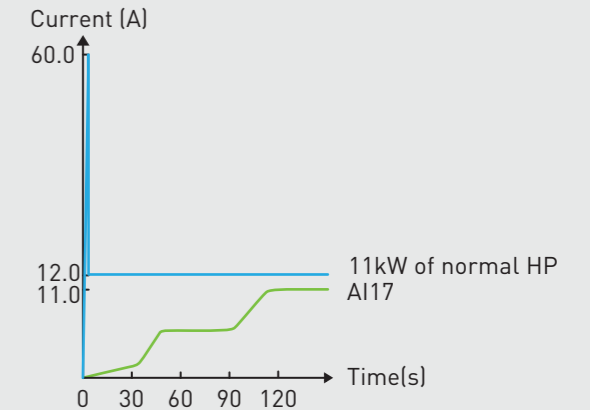
2 10 Times Quieter

Aqua-Inverter HP adopts super quiet Mitsubishi inverter compressor and full-inverter ventilation system, which offers you a 10 times quieter swimming environment when maintaining the pool temperature.



3 Soft Starter

When Aqua-Inverter HP turns on, the current will start from 0 A and slowly to rated current in 2 minutes. It will not affect the house electricity system. While the start current of normal on/off HP is 5 times of rated current, it is a burden to the electricity system.



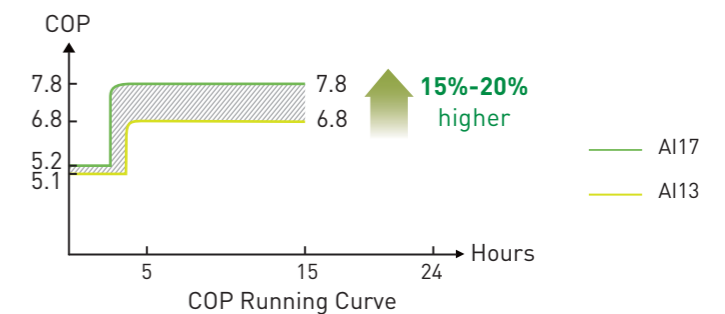
4 Designed For Air -7°C

Aqua-Inverter HP is designed for air -7°C, which can maximize your pool season.

SMART CHOICE

Performance Condition:

- 1 Air 15°C /Water 26°C /Humidity 70%
- 2 Maintain 26°C water temperature for 45m³ pool



When choosing an Aqua-Inverter, we suggest to choose a bigger model so that the HP can run longer by low speed, and brings more benefits:

- Quicker heating
- 15-20% higher C.O.P & more saving
- Longer silent running time