



## AQUA SOLIS TECHNICAL STATEMENT

### AQS17 - TurboSilence Inverter +

Inverter Pool Heat Pump up to **30,000** litre heating capacity

## PRODUCT INFORMATION

**Aqua Solis AQS17 – Turbosilence Inverter +** is an electric inverter pool heat pump designed for pool capacities up to **30,000** litres.

With its unique TurboSilence full inverter technology, the Aqua Solis AQS17 brings a perfect balance of efficiency and quietness. The inverter compressor control, combined with the heat exchange technology, delivers its turbo performance without compromising the silent operation of the heat pump.

- 15 times quieter than Standard Inverter heat pumps
- Unique heat pump compressor reduces noise at high frequencies
- Environmentally friendly cost effective 25% of the running cost of a standard heat pump
- COP of 6 to 15 depending upon the ambient temperature
- Extra 20% capacity for quicker heating up, still higher C.O.P (coefficient of performance) than others
- Once desired pool temperature is reached the temperature is maintained at on average 75% of the total running cost
- Unique air system to enhance heat exchanger performance
- Intelligent touch screen controller with Wi-Fi capabilities
- 4 season functionality - can be used all year round

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### Performance Condition: Air 26 °C, Water 26 °C, Humidity 80%

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#### AQS17 - TurboSilence Inverter +

Working air temp (°C)	-15~43
Heating capacity (kW)	13.8
Max Heating Capacity (kW) in Turbo mode	16.8
C.O.P in smart mode	7.5
C.O.P at optimal range	16~6.4
C.O.P at 50% capacity	11.2

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

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#### AQS17 - TurboSilence Inverter +

Working air temp (°C)	-15~43
Heating capacity (kW)	9.4
Max Heating Capacity (kW) in Turbo mode	11.3
C.O.P in smart mode	5.0
C.O.P at optimal capacity	7.3~4.4
C.O.P at 50% capacity	6.6

<b>Other System Specifications</b>	
Sound pressure at 1m dB(A)	42.0-47.7
Sound pressure at 10 m dB(A)	22.0-27.7
Advised Water Flow – LPM	90 - 120
Water Connection IN/OUT	40mm
Heat Exchanger	Titanium in PVC
Casing	Aluminium Alloy
Rated input power (kW)	0.25-2.1
Rated input current (A)	9.1 ~1.1
Power Supply	230V/1 Ph/50Hz
Net Dimensions L x W x H (mm)	939 x 432 x 650
Net Weight (kg)	65
Pool Size (Litres)	Up to 30000

<b>Electrical Specifications</b>	
Rated Current (A)	20
Fuse (A)	19.0
Power Cord (mm <sup>2</sup> )	3 x 4

### **AQUA SOLIS AQS17 - TurboSilence Inverter + Product Views**



Front View

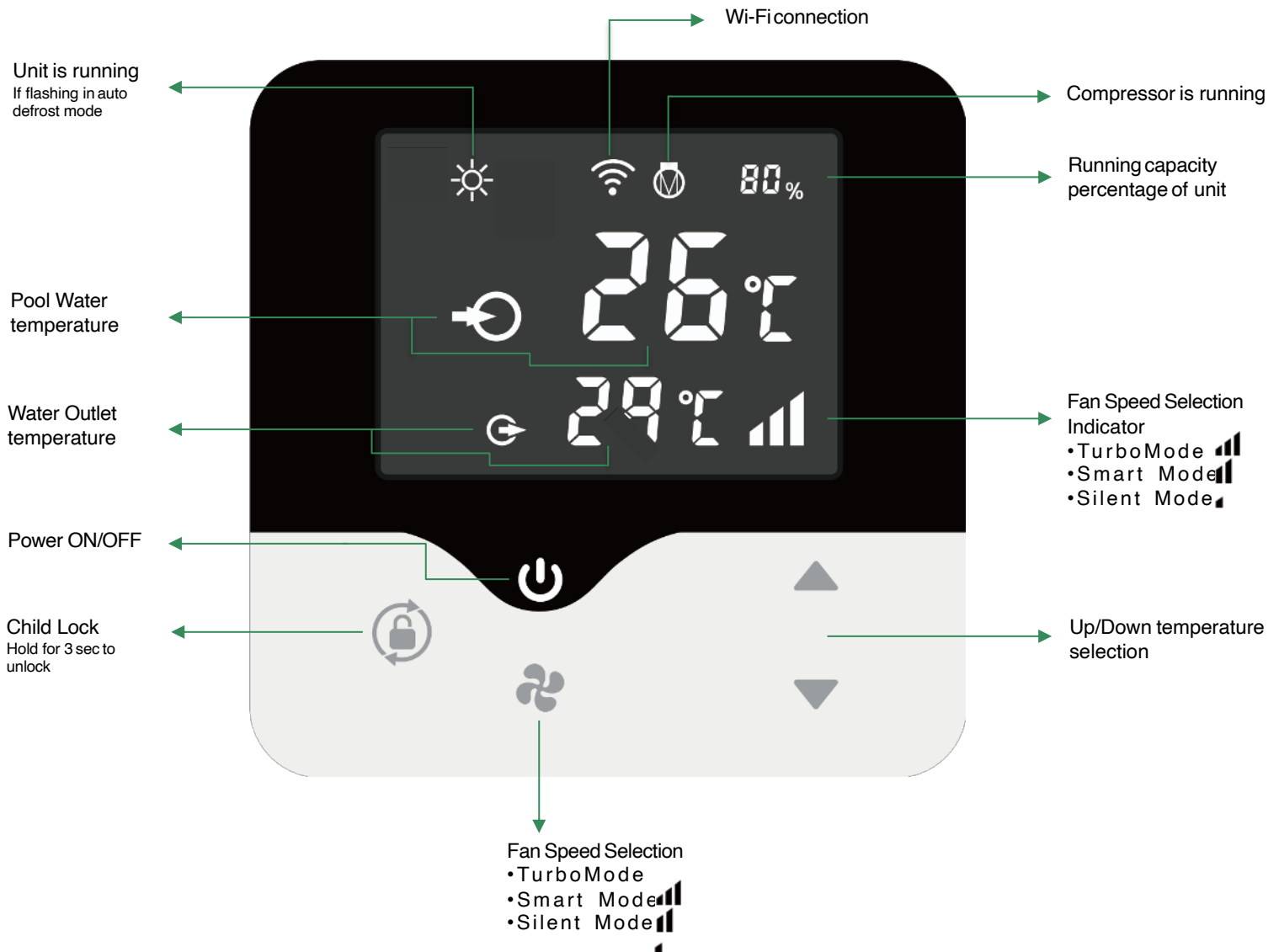


Front View on angle with side showing LCD touch screen



Back View on angle with side showing LCD touch screen

## AQUA SOLIS AQS17 - TurboSilence Inverter + LCD Wi-Fi Touch Screen Functions summary



### Warranty

20 Year Limited warranty on Titanium heat exchanger  
 6 Year Warranty on Compressor  
 2 Years parts, 12 months labour