



AQUA SOLIS TECHNICAL STATEMENT

AQS32T - TurboSilence Inverter +

Inverter Pool Heat Pump up to **60,000** litre heating capacity

PRODUCT INFORMATION

Aqua Solis AQS32T – Turbosilence Inverter Plus is an electric inverter pool heat pump designed for pool capacities up to **60,000 litres**.

With its unique TurboSilence full inverter technology, the **Aqua Solis AQS32T** 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

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

AQS32T - TurboSilence Inverter Plus

Working air temp (°C)	-15~43
Heating capacity (kW)	27.0
Max Heating Capacity (kW) in Turbo mode	31.5
C.O.P in smart mode	7.4
C.O.P at optimal capacity	15.8~6.3
C.O.P at 50% capacity	11.2

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

AQS32T - TurboSilence Inverter Plus

Working air temp (°C)	-15~43
Heating capacity (kW)	18.0
Max Heating Capacity (kW) in Turbo mode	21.5
C.O.P in smart mode	5.3
C.O.P at optimal capacity	7.8~4.9
C.O.P at 50% capacity	6.8

Other System Specifications

Sound pressure at 1m dB(A)	43.3 -51.9
Sound pressure of 50% capacity at 1m dB(A)	46.4
Sound pressure at 10 m dB(A)	23.3 -31.9
Advised Water Flow – LPM	165-200
Water Connection IN/OUT	40mm
Heat Exchanger	Titanium in PVC
Casing	Aluminium Alloy
Rated input power (kW)	0.79 -5.2
Rated input current (A)	8.0 -1.1
Power Supply	415V/3 Ph
Net Dimensions L x W x H (mm)	1074 x 539 x 947
Net Weight (kg)	111
Pool Size (Litres)	Up to 60000

Electrical Specifications

Rated Current (A)	16
Fuse (A)	11.3
Power Cord (mm ²)	5 x 2.5

AQUA SOLIS AQS32T - TurboSilence Inverter Plus Product Views



Front View

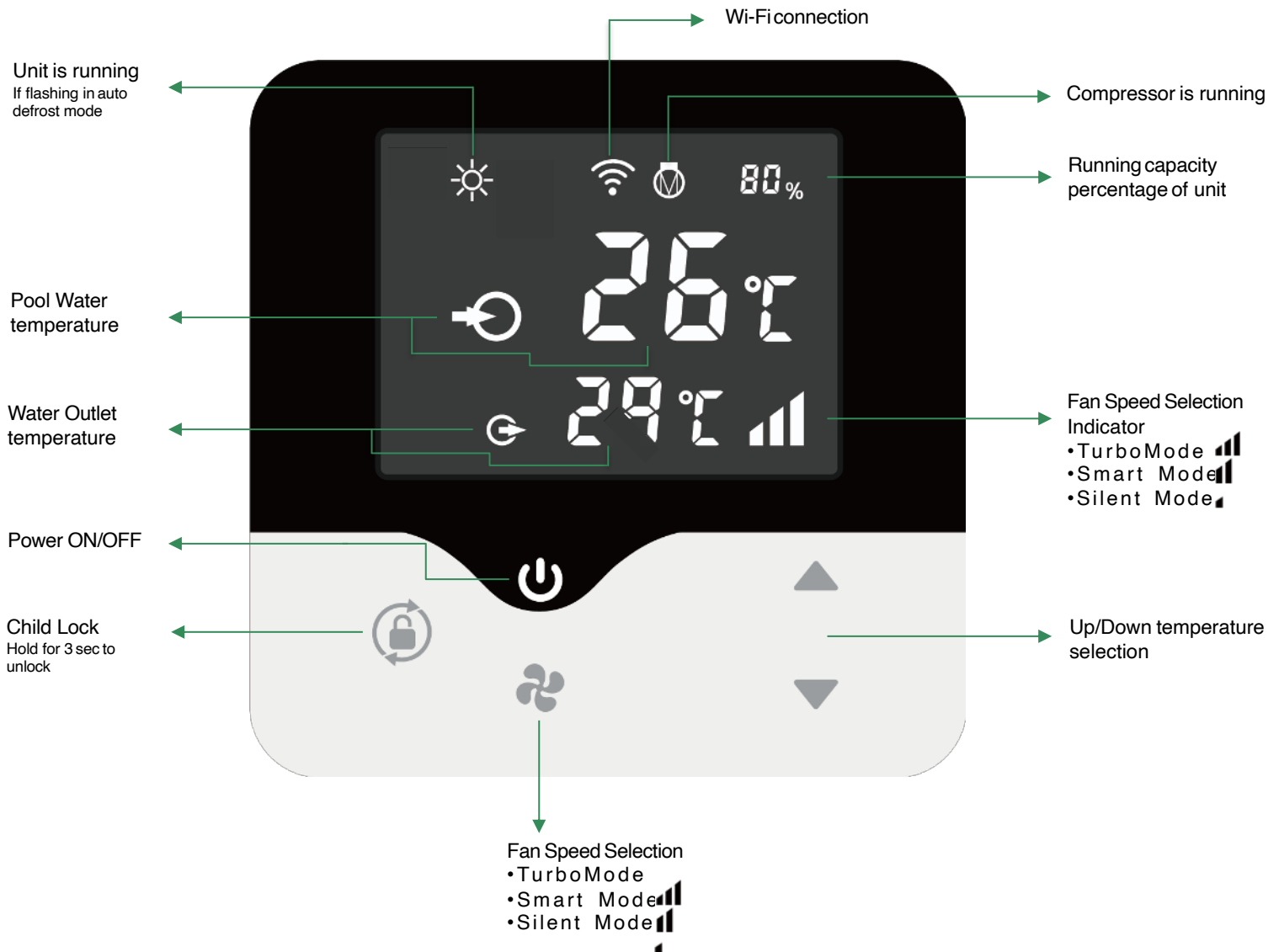


Front View on angle with side showing LCD touch screen



Back View on angle with side showing LCD touch screen

AQUA SOLIS AQS32T - 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