

SPECIFICATIONS OF AQUASOLIS



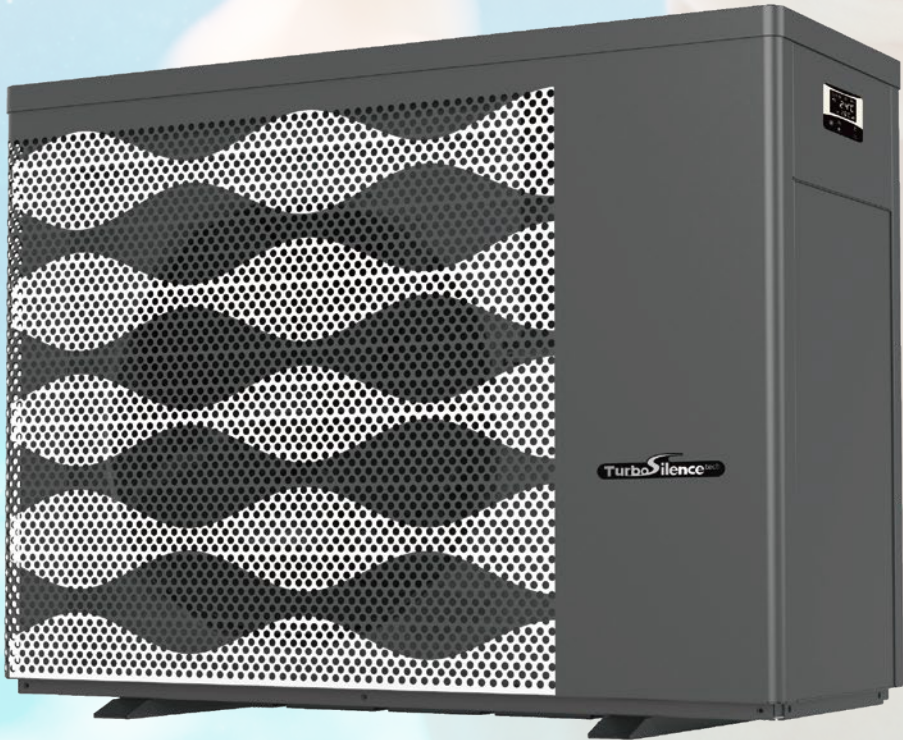
Model	AQS13	AQS17	AQS21	AQS26	AQS32	AQS32T	AQS40T
Operating air temperature (℃)	-15~43						
Performance Condition: Air 26℃, Water 26℃, Humidity 80%							
Heating capacity (kW) in Smart mode	11.0	13.8	17.5	21.5	27.0	27.0	35.0
Heating capacity (kW) in Turbo mode	13.2	16.8	21.0	25.5	31.5	31.5	40.0
COP	15.0~7.3	15.5~6.4	15.0~6.3	16.0~6.8	15.8~6.3	15.8~6.3	15.8~6.4
COP at 50% capacity	11.6	11.2	11.2	11.3	11.2	11.2	11.1
Performance Condition: Air 15℃, Water 26℃, Humidity 70%							
Heating capacity (kW) in Smart mode	7.3	9.4	11.8	14.8	18.0	18.0	24.0
Heating capacity (kW) in Turbo mode	8.8	11.3	14.3	17.5	21.5	21.5	28.0
COP in Smart mode	5.3	5.0	5.0	5.4	5.3	5.3	5.1
COP	6.8~4.9	7.3~4.4	7.8~4.6	7.8~4.9	7.8~4.9	7.8~4.9	7.9~4.7
COP at 50% capacity	6.5	6.6	6.8	6.8	6.8	6.8	6.7
Sound pressure at 1m dB(A)	38.6~46.9	42.0~47.7	42.9~50.8	40.8~51.2	43.3~51.9	43.3~51.9	42.5~51.7
Sound pressure of 50% capacity at 1m dB(A)	41.3	43.7	44.5	44.4	46.4	46.4	43.8
Sound pressure at 10m dB(A)	18.6~26.9	22.0~27.7	22.9~30.8	20.8~31.2	23.3~31.9	23.3~31.9	22.5~31.7
Heat exchanger	Spiral titanium tube in PVC						
Casing	Aluminum-alloy or ABS Casing					400V/3 Ph/50Hz	
Power supply	230V/1 Ph/50Hz						
Rated input power at air 15℃ (kW)	0.22~1.8	0.26~2.56	0.31~3.08	0.38~3.53	0.46~4.4	0.46~4.4	0.60~5.94
Rated input current at air 15℃ (A)	0.96~7.82	1.14~11.3	1.35~13.4	1.65~15.3	2.01~19.1	0.66~6.35	0.87~8.57
Advised water flux (m³/h)	3~4	4~6	6.5~8.5	8~10	10~12	10~12	12~18
Water pipe in-out size (mm)							
Net Dimension LxWxH (mm)	893×432×650	939×432×650	995×432×750	1125×429×952	1074×539×947	1074×539×947	1260×539×947
Net weight (kg)	61	63	70	90	99	99	120
Qty per 20'FT / 40'HQ (sets)	78/180	78/168	50/162	42/92	36/80	36/80	34/72



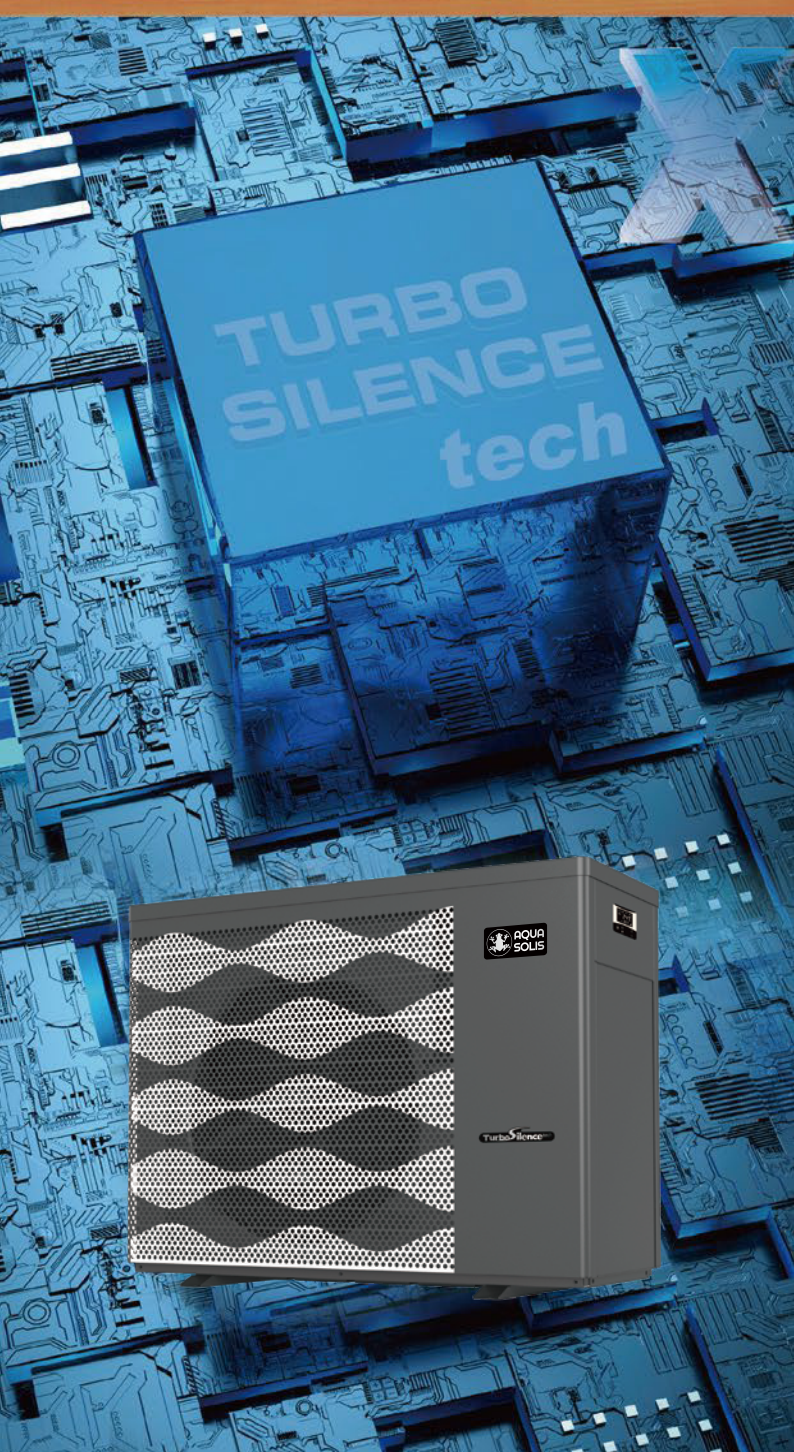
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TurboSilence Inverter
– The latest Revolution
in Pool Heating



THE
FUTURE
IS HERE



◀ 1905 - Turbo boost technology was invented by Swiss engineer Alfred Büchi. The first use of a turbo was in an airplane.

◀ 1962 - Turbo technology was first used in an automobile.

◀ 2019 - After 5 years of research and development the revolutionary turbo silence full inverter heat pump was launched which brings quiet efficiency to pool heating.

◀ 2021 - The Aqua Solis AquaX is now available in Australia for your pool.

TurboSilence^{Inverter}

Revolutionary Inverter Technology



It has taken 5 years to develop the Aqua Solis AquaX heat pump with its unique TurboSilence full inverter technology. The AquaX brings a perfect balance of efficiency and quietness. The perfect balance of the inverter compressor control combined with the heat exchange technology delivers the turbo performance without compromising the silent operation of the heat pump.

Listen to the Nature

- 10 times quieter than Standard Inverter heat pumps
- Unique heat pump compressor reduces noise even at high frequency
- Heat pump that is environmentally friendly

Turbo and Saving

- COP 50~70% higher than Standard Inverter HPs by 100% speed
- Extra 20% capacity for quicker heating up, still higher COP than others
- Average 50% capacity to maintain pool temperature

Other Advantages

- Integrated Control System
- Unique air system to enhance heat exchanger performance
- Intelligent touch controller with WIFI
- 4 season function - can be used all year round