SPECIFICATIONS OF AQUAX

R32

Model	AXR10	AXR13	AXR17	AXR21	AXR26	AXR32	AXR32T	AXR40T
Advised pool volume (m3)	20~40	25~50	30~60	40~75	55~100	65~120	65~120	90~160
Operating air temperature (℃)	-15~43							
Performance Condition: Air 26℃, Water 26℃, Humidity 80%								
Heating capacity (kW) in Smart mode	8.5	11.0	13.8	17.5	21.5	27.0	27.0	35.0
Heating capacity (kW) in Turbo mode	10.2	13.2	16.8	21.0	25.5	31.5	31.5	40.0
COP in Smart mode	7.8	8.2	7.5	7.3	7.8	7.4	7.4	7.3
COP	15.1~7.1	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	11.4	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	6.3	7.3	9.4	11.8	14.8	18.0	18.0	24.0
Heating capacity (kW) in Turbo mode	7.5	8.8	11.3	14.3	17.5	21.5	21.5	28.0
COP in Smart mode	5.2	5.3	5.0	5.0	5.4	5.3	5.3	5.1
COP	6.9~4.8	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	6.5	6.6	6.8	6.8	6.8	6.8	6.7
Sound pressure at 1m dB(A)	38.5~45.5	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)	39.5	41.3	43.7	44.5	44.4	46.4	46.4	43.8
Sound pressure at 10m dB(A)	18.5~25.5	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 Casing							
Power supply	230V/1 Ph/50Hz						400V/3 Ph/50Hz	
Rated input power at air 15°C (kW)	0.18~1.43	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°C (A)	0.78~6.65	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 (m^3/h)	2~4	3~4	4~6	6.5~8.5	8~10	10~12	10~12	12~18
Water pipe in-out size (mm)	50							
Net Dimension LxWxH (mm)	799×432×650	893×432×650	939×432×650	995×432×750	1125×429×952	1074×539×947	1074×539×947	1260×539×947
Net weight (kg)	51	61	65	70	98	102	111	126
Qty per 20'FT / 40'HQ (sets)	90/195	78/180	78/168	50/162	42/92	36/80	36/80	34/72
Max current input (A)	10	12.5	16	18.5	20.5	24	9.4	12.5
Circuit breaker (A)	12	15	19	22.5	24.5	28	11.3	15
Power cord (mm2)	3x2.5	3x2.5	3x4	3x4	3x6	3x6	5x2.5	5x2.5

* The advised pool volume indicated applies under following conditions: Swimming pool is well covered; system runs at least 15 hours per day;
The final specs will be in accordance with the specs on the product.

CE

TurboSilence Inverter



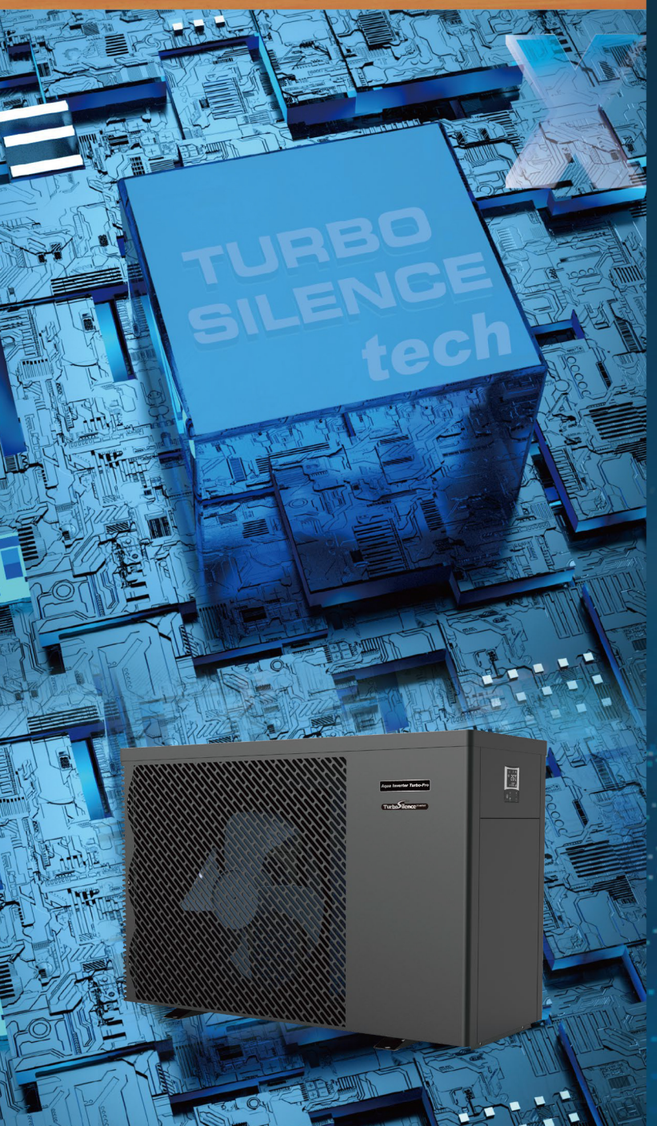
BEST FUTURE FROM



1905–Turbobooster was invented by Swiss engineer Alfred Buchi and was applied for the first time on an airplane



1962 – Turbo tech was applied on the car for the first time



After 5 Years R&D, Revolutionary Turbo Silence Inverter successfully launched in 2019, bringing Passion and Peace to the Pool heating industry

Aqua Inverter Turbo-Pro

TurboSilence Inverter

Revolutionary Inverter Technology

It took 5 years to develop AquaX with the unique TurboSilence Inverter.
The entire TurboSilence control system is optimized based on Full-Inveverter tech. It perfectly balances the Inverter-compressor-control & heat exchanging technology, this creates the Turbo performance and Silent operation of AquaX.
Hopefully AquaX will bring you Passion and Peace.

Listen to the Nature

- 10 times quieter than Standard Inverter HPs
- Unique HP without compressor noise, clear up all high frequency sound
- Friendly neighborhood & swimming environment

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 - Lower failure and easier after service
- Unique Porous design with optimal ventilation system, which brings the best heat exchanging, resistant and everlasting
- Intelligent touch controller with free WI-FI built in
- 4 season function