

## TurboSilence<sup>®</sup> Inverter

### Revolutionary Inverter Technology

It spent 5 years to develop AquaX with the unique TurboSilence Inverter. The Whole TurboSilence control system is optimized on the basis of Full-inverter tech. It perfectly balance the Inverter-compressor-control & Heat exchanging technology, which creates the Turbo performance and Silence operation in the meantime. Hopefully AquaX will bring you Passi on & Peace with uncommon sense.

### 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



- ▶ 1905 - Turbo booster was invented by Swiss engineer Alfred Büchi & first time apply on airplane



- ▶ 1962 - Turbo tech was first time apply on the car



- ▶ After 5 years R&D, Revolutionary TurboSilence Inverter successfully launched in 2019, which brings Passion and Peace to Pool heating industry.



**Blue Storm**<sup>TM</sup>  
Canada

## SPECIFICATIONS OF AQUAX



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 (°C)	-15~45							
Performance Condition: Air 26°C, Water 26°C, 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	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°C, Water 26°C, 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 or ABS Casing						400V/3 Ph/50Hz	
Power supply	230V/1 Ph/50Hz							
Rated input power at air 15°C (kW)	0.18~1.53	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 <sup>3</sup> /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)								
Net Dimension LxWxH (mm)	893×432×650	893×432×650	939×432×650	995×432×750	1125×429×952	1074×539×947	1074×539×947	1260×539×947
Net weight (kg)	59	61	63	70	90	99	99	120
Qty per 20'FT / 40'HQ (sets)	78/180	78/180	78/168	50/162	42/92	36/80	36/80	34/72

\* 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.



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**BEST**  
FROM  
**FUTURE**