



SPECIFICATIONS OF AQUAX

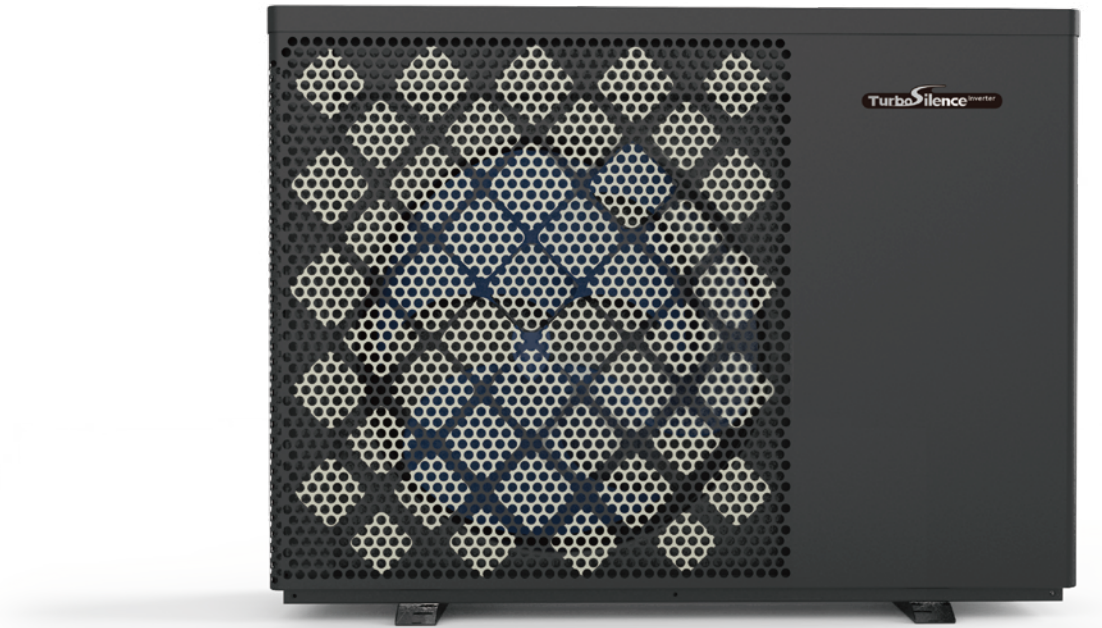


| Model | AXR10 | AXR13 | AXR17 | AXR21 | AXR26 | AXR32 | AXR32T | AXR40T |
|---|------------------------------|-------------|-------------|-------------|--------------|--------------|----------------|--------------|
| Advised pool volume (m3) | 20~40 | 25~50 | 30~60 | 40~75 | 55~100 | 65~120 | 65~120 | 90~160 |
| Operating air temperature (℃) | -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 | 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 or ABS Casing | | | | | | 400V/3 Ph/50Hz | |
| Power supply | 230V/1 Ph/50Hz | | | | | | | |
| Rated input power at air 15℃ (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℃ (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 (m³/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.



TurboSilence^{Inverter}
– Joke or Revolution?



BEST
FROM
FUTURE

TurboSilence^{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-in - verter tech. It perfectly balance the Inverter-compressor-contr ol & 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.

- 1905 - Turbobooster was invent - ed by Swiss engineer AlfredBüchi & first time apply on airplane

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

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 serv ice
- Unique Porous design with optimal ventilation system, which bri ngs the best heat exchanging, resistant and everlasting
- Intelligent touch controller with free WI-FI built in
- 4 season function

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

