

SPECIFICATIONS OF AQUAX

Advised pool volume (m3) 20-40 25-50 30-60 40-75 55-100 65-120 65-120 90-160 Operating air temperature (°C) -15-43 Performance Condition: Air 26°C, Water 26°C, Humidity 80% -15-43 Heating capacity (kW) in Smart mode 8.5 11.0 13.8 17.5 21.5 27.0 27.0 35.0 40.0 COP in Smart mode 7.8 8.2 7.5 7.3 7.8 7.4 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.										
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 31.5 40.0 COP in Smart mode 7.8 8.2 7.5 7.3 7.8 7.8 7.4 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 15.8-6.3 15.8-6 COP at 50% capacity (kW) in Smart mode 8.3 7.3 9.4 11.8 14.8 18.0 11.0 11.0 11.0 11.0 11.0 11.0 11	Model	WAXR10	WAXR13	WAXR17	WAXR21	WAXR26	WAXR32	WAXR32T	WAXR40T	
Performance Condition: Air 28°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 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 15.8-6.3 15.8-6.3 15.8-6.2 15.8-6.3 18.0 <td>Advised pool volume (m3)</td> <td>20~40</td> <td>25~50</td> <td>30~60</td> <td>40~75</td> <td>55~100</td> <td>65~120</td> <td>65~120</td> <td>90~160</td>	Advised pool volume (m3)	20~40	25~50	30~60	40~75	55~100	65~120	65~120	90~160	
Heating capacity (kW) in Smart mode 10.2 13.2 16.8 21.0 25.5 31.5 31.5 31.5 40.0 COP in Smart mode 7.8 8.2 7.5 7.3 7.8 7.8 7.4 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 15.8-6.3 15.8-6.3 15.8-6.5 COP at 50% capacity 11.4 11.6 11.2 11.2 11.3 11.2 11.0 Heating capacity (kW) in Smart mode 6.3 7.3 9.4 11.8 14.8 18.0 18.0 18.0 24.0 Heating capacity (kW) in Smart mode 6.3 7.3 9.4 11.8 14.8 18.0 18.0 18.0 24.0 Heating capacity (kW) in Smart mode 7.5 8.8 11.3 14.3 17.5 21.5 21.5 21.5 22.5 22.5 22.5 22.5 22	Operating air temperature (${}^{\backprime}\!$				-15~43					
Heating capacity (kW) in Turbo mode 7.8 8.2 7.5 7.3 7.8 7.8 7.4 7.4 7.4 7.3 COP COP in Smart mode 7.8 8.2 7.5 7.3 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8	Performance Condition: Air 26°C, Water 26°C,	Humidity 80%								
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 <td>Heating capacity (kW) in Smart mode</td> <td>8.5</td> <td>11.0</td> <td>13.8</td> <td>17.5</td> <td>21.5</td> <td>27.0</td> <td>27.0</td> <td>35.0</td>	Heating capacity (kW) in Smart mode	8.5	11.0	13.8	17.5	21.5	27.0	27.0	35.0	
COP at 50% capacity (kW) in Smart mode 6.3 7.3 9.4 11.3 14.8 11.8 14.8 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18	Heating capacity (kW) in Turbo mode	10.2	13.2	16.8	21.0	25.5	31.5	31.5	40.0	
COP at 50% capacity 11.4 11.6 11.2 11.2 11.3 11.2 11.2 11.3 11.2 11.2 11.3 11.2 11.2 11.3 11.2 11.2 11.3 11.2 11.2 11.3 11.2 11.2 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.8<	COP in Smart mode	7.8	8.2	7.5	7.3	7.8	7.4	7.4	7.3	
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	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	
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	COP at 50% capacity	11.4	11.6	11.2	11.2	11.3	11.2	11.2	11.1	
Heating capacity (kW) in Turbo mode 7.5 8.8 11.3 14.3 17.5 21.5 21.5 21.5 28.0 COP in Smart mode 5.2 5.3 5.0 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 7.8-4.6 7.8-4.9 7.8-	Performance Condition: Air 15°C, Water 26°C,	Humidity 70%								
COP in Smart mode 5.2 5.3 5.0 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	Heating capacity (kW) in Smart mode	6.3	7.3	9.4	11.8	14.8	18.0	18.0	24.0	
COP de 59°-4.8 6.8°-4.9 7.3°-4.4 7.8°-4.6 7.8°-4.9 7.8°-	Heating capacity (kW) in Turbo mode	7.5	8.8	11.3	14.3	17.5	21.5	21.5	28.0	
COP at 50% capacity 6.5 6.5 6.6 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8	COP in Smart mode	5.2	5.3	5.0	5.0	5.4	5.3	5.3	5.1	
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 42.5~50.0 Sound pressure of 50% capacity at 1m dB(A) 39.5 41.3 43.7 44.5 44.4 46.4 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 22.5~32.0 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 22.5~32.0 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 22.5~32.0 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 22.5~32.0 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 22.5~32.0 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 22.5~32.0 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 23.3~31.9 22.5~32.0 Sound pressure at 10m dB(A) 18.5~25.5 18.6~26.9 23.3~31	СОР	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	
Sound pressure of 50% capacity at 1m dB(A) 39.5 41.3 43.7 44.5 44.4 46.4 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 22.5~32.4 Heat exchanger Casing Power supply 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 0.60~5.8 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 0.87~8.8 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) 799×432×650 893×432×650 939×432×650 995×432×750 1125×429×952 1074×539×947 1074×539×947 1260×539 947 1074×539×947 1260×539 947 1074×539×947 1260×539 94	COP at 50% capacity	6.5	6.5	6.6	6.8	6.8	6.8	6.8	6.7	
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 23.3~31.9 23.3~31.9 22.5~3.3 Heat exchanger Spiral titanium tube in PVC Casing Aluminum-alloy Casing Power supply 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. 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. Advised water flux (m³/h) 2~4 3~4 4~6 6.5~8.5 8~10 10~12 10~12 10~12 12~18 Water pipe in-out size (mm) Net Dimension LxWxH (mm) 799×432×650 893×432×650 939×432×650 939×432×650 939×432×750 1125×429×952 1074×539×947 1074×539×947 1260×539	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	
Heat exchanger	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	
Casing Saluminum-alloy	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	
Power supply 230V/1 Ph/50Hz 400V/3 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. 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. 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) 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	Heat exchanger				Spiral titanium tube in PVC					
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. 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. 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) 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	Casing				Aluminum-alloy Casing					
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. 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) 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	Power supply			2	230V/1 Ph/50Hz			400V/3 Ph/50Hz		
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) 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	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	
Water pipe in-out size (mm) 50 Net Dimension LxWxH (mm) 799×432×650 893×432×650 939×432×650 1125×429×952 1074×539×947 1074×539×947 1260×539	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	
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	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)		50							
Net weight (kg) 51 61 65 70 98 102 111 126	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 1260×539×94					
	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	Qty per 20'FT / 40'HQ (sets)	90/195	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.

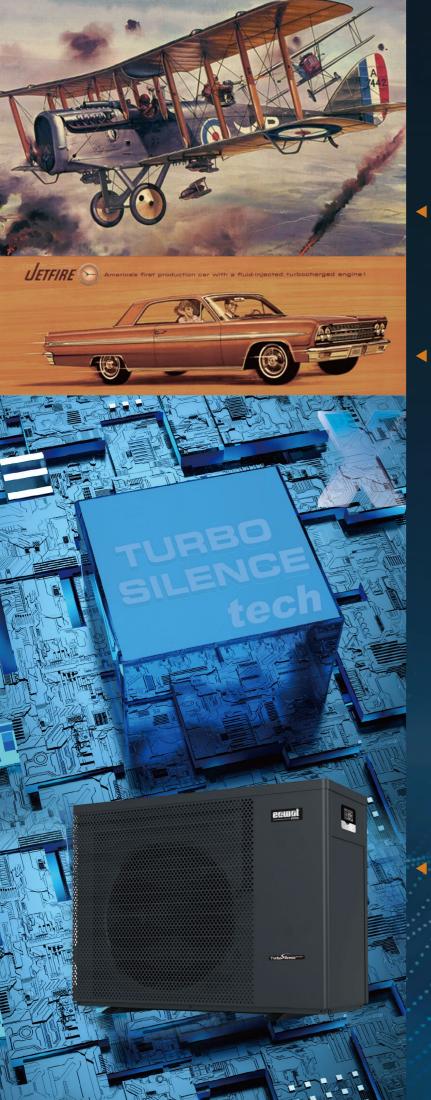
















Revolutionary Inverter Technology

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 Passion & 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
- 4 season function



1905 - Turbobooster was invented by

Swiss engineer Alfred Büchi & first

1962 - Turbo tech was first time

After 5 years R&D, Revolutionary
Turbo Silence Inverter sucessfully

launched in 2019, which brings
Passion and Peace to Pool heating

industry

time apply on airplane

apply on the car