



COMPANY ADVANTAGE

Company Profile

AMITIME, established in 2003, is a professional Chinese manufacturer and a leading supplier of energy-saving heat pumps and cost-efficient solutions for the global market.

AMITIME has built an efficient and dynamic R&D and manufacturing platform, forming strategic partnerships with ES, Parker Davis, and other international heat pump and HVAC companies. With a global perspective, these collaborations have proven highly competitive and commercially successful, further solidifying our leading position in overseas markets.

With over 22 years of experience in R&D, 2 production bases, 16 standard laboratories, over 900 employees including 20% of engineers and technicians, AMITIME specializes in DC inverter air to water heat pump technologies. As one of the pioneers in DC inverter heat pump development, we have successfully launched four product ranges: residential heat pumps, swimming pool heat pumps, heat pump water heaters, commercial heat pumps, etc.

AMITIME is always committed to meeting customer demands, offering flexible and professional OEM/ODM solutions to international partners. Our mission is to deliver eco-conscious, smart and reliable heat pump products to contribute to the sustainable development of human society.

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Swimming Pool Heat Pump

Pisces FI / Taurus FI

■ Technical Data

Model	Pisces FI 07	Pisces FI 10	Pisces FI 13	Pisces FI 15	Pisces FI 20	Pisces FI 20Tri	Pisces FI 24	Pisces FI 24Tri	Pisces FI 30	Pisces FI 30Tri
	Taurus FI 07	Taurus FI 10	Taurus FI 13	Taurus FI 15	Taurus FI 20	Taurus FI 20Tir	Taurus FI 24	Taurus FI 24Tir	Taurus FI 30	Taurus FI 30Tir
Performance at Air 26°C, Water 26°C										
Capacity	KW	6.7	8.63	11.9	13.8	19.4	23.8	23.8	30.5	30.5
	Btu/h	22860.4	29445.6	40602.8	47085.6	66192.8	81205.6	81205.6	104066.0	104066.0
COP	W/W	6.36	6.1	5.78	5.47	5.58	5.35	5.35	5.43	5.43
Power input	KW	1.05	1.44	2.06	2.53	3.48	3.48	4.45	5.63	5.63
Performance at Air 15°C, Water 26°C										
Capacity	KW	5.1	6.38	8.66	10.74	14.7	17.6	17.6	24	24
	Btu/h	17401.2	21768.6	29547.9	36644.9	50156.4	60051.2	60051.2	81888.0	81888.0
COP	W/W	4.87	4.76	4.59	4.63	4.59	4.49	4.49	4.54	4.54
Power input	KW	1.04	1.34	1.88	2.32	3.2	3.93	3.93	5.29	5.29
Performance at Air 35°C, Water 30°C										
Capacity	KW	2.72	4.20	5.37	6.73	9.96	12.20	12.20	15.20	15.20
	Btu/h	9280.6	14330.4	18322.4	22945.7	33983.5	41626.4	41626.4	51862.4	51862.4
COP	W/W	4.66	3.90	4.10	4.08	3.41	3.41	2.95	2.78	2.78
Power input	KW	0.58	1.08	1.31	1.64	2.91	2.91	4.14	5.47	5.47
Performance at Air 2°C, Water 26°C										
Capacity	KW	3.72	3.76	5.13	6.13	9.96	12.40	12.40	17.50	17.50
	Btu/h	12692.6	12829.1	17503.6	20915.6	33983.5	42308.8	42308.8	59710.0	59710.0
COP	W/W	3.99	3.29	3.09	3.03	3.41	3.41	3.68	3.65	3.65
Power input	KW	0.93	1.14	1.65	2.02	2.91	3.38	3.38	4.79	4.79
Performance at Air -7°C, Water 26°C										
Capacity	KW	2.78	2.65	4.77	5.12	8.68	10.3	10.3	13.1	13.1
	Btu/h	9485.4	9041.8	16275.2	17469.4	29616.2	35143.6	35143.6	44697.2	44697.2
COP	W/W	3	3.12	2.69	3.2	3.16	3.16	3.18	2.99	2.99
Power input	KW	0.91	0.85	1.77	1.6	2.74	3.24	3.24	4.39	4.39
Power supply		230V/1 Ph/50Hz				380-420V/3 Ph/50Hz; 230V/1 Ph/50Hz				
Max power input	KW	1.8	2	3.0	3.5	4	6.48	5.3	6.2	10
Max current Input	A	8	9	13.0	16	17.5	23	11	27	15
Rated power	KW	1.04	1.34	1.88	2.32	3.2	3.93	3.93	5.29	5.29
Rated current	A	4.5	5.8	8.2	10	13.9	5.4	17.1	23	8.98
Fuse or circuit breaker(A)	A	10.0	11	15	18	20	13	28	36	17
Water flow	m³/h	3.0	3.0	3.87	4.73	6.45	6.45	7.75	10.33	10.33
Noise at 10m	dB(A)	19-31	21-34	20-34	23-36	27-37	27-37	29-39	32-42	29-39
Net/Package dimensions	mm	823×375×646			906×375×646		1104×395×746		1133×545×846	
Net/Package dimensions	mm	894×405×800			974×405×800		1174×425×881		1165×575×1025	
Container quantity(40HQ)	Pcs	213	213	213	195	141	141	80	80	80
Net/poids weight	kg	42.5/52	44.5/54	49.5/58	55.8/65.8	70/83	73.5/86.5	88.5/105.8	92/109.3	96/114
Advised pool volume	m³	15-30	22.43	30-56	37-68	45-85	45-85	54-90	72-120	72-120
Advised Pool Volume (fabricant)	m³	20	28	36	45	60	60	72	96	96
Heating temperature range	°C	15~40°C								
Cooling temperature range	°C	8~28°C								
Operating range	°C	-7~43°C								
WiFi		YES								

The specifications are subject to change without prior notice. For actual specifications of unit, please refer to the stickers on the unit.



Swimming Pool Heat Pump

Virgo FI

■ Technical Data

Model	Virgo 03+	Virgo 05+
Performance at Air 27°C, Water 26°C		
Capacity	KW	3.42
	Btu/h	11669
COP	W/W	3.43
Power input	KW	0.99
Performance at Air 26°C, Water 26°C		
Capacity	KW	3.34
	Btu/h	11384
COP	W/W	3.33
Power input	KW	1.00
Performance at Air 15°C, Water 26°C		
Capacity	KW	2.36
	Btu/h	8068
COP	W/W	2.61
Power input	KW	0.90
Performance at Air 35°C, Water 30°C		
Capacity	KW	1.66
	Btu/h	5665
COP	W/W	1.87
Power input	KW	0.88
Power supply	220V/1 Ph/60Hz	
Max power input	KW	1.6
Max current Input	A	7
Rated power	KW	0.78
Rated current	A	3.04
Fuse or circuit breaker(A)	A	10
Water flow	m³/h	1.2
Noise at 1m	dB(A)	45/55
Noise at 10m	dB(A)	20
Net dimensions	mm	460×360×427
Package dimensions	mm	510×410×450
Net/poids weight	kg	21/22
Advised pool volume	m³	2
Advised Pool Volume (fabricant)	m³	1
Heating temperatuer range	°C	15~42°C
Cooling temperatuer range	°C	10~28°C
Operating range	°C	0~43°C
WiFi	Yes	

The specifications are subject to change without prior notice. For actual specifications of unit, please refer to the stickers on the unit.



Swimming Pool Heat Pump

provide you a warm and comfortable swimming time



Silent swimming environment



Energy saving



Heating



Cooling



Swimming Pool Heat Pump

Amitime is determined to keep on its endeavor and commitment in technology progression and product improvement, by working together with its worldwide partners in its task of offering solution in environmental technologies with highest innovation, dependability, quality and energy efficiency. We are looking forward to welcome you as a new partner of our family, to share current achievement and work together for more outcome.

Pisces FI

Ensuring you a super low noise pool

Taurus FI

Superboost for heating/cool

Virgo FI

Sleek, compact, intuitive, stable—swim perfection

What we offer?



OEM/ODM strategy

Partner, not competitor
Customizations for unit casing, packages, software, etc.
Focus on customer demand



For R&D work

Wide range full machines
Heating and cooling functions with high efficiency
R32, R290 refrigerant optional
Various displays LCD, TFT, touch or button optional.
WiFi-APP-modbus available
Amitime exclusive technology for anti-freezing and the most silent running



For product itself

ABS plastic, metal sheet, aluminum etc. optional
Two colors in one metal are available
30 days to offer new 3D drawing according to your idea



For after sales

Convenient solutions for maintenance
5 mins to replace the whole set of controller
1% free spare part based on container order

Pisces FI represents our inverter horizontal swimming pool heat pump with ABS plastic housing, which can prevent corrosion issue. Like the most romantic constellation-Pisces, which always pursues a high quality and romantic life, our Pisces FI range aims to provide poetical and cheerful swimming time for you and your family.



R32 R32 refrigerant

R32 is superior to R410A due to its significantly lower global warming potential (GWP), reducing environmental impact by approximately 70%. Besides, it has a better energy efficiency.

Full inverter

Accurate water temperature control +0.2°C, full inverter driver with variable speed fan and compressor to deliver the lowest running costs with maximum heating output, ensuring you a super low noise pool.

Reliable Structure

Twin rotary compressor to minimize vibration, with anti-corrosion ABS plastic cabinet and titanium heat exchanger. Ultimate design for easy maintenance and after-sales service.

Wide range of products

7kW~35kW capacity range to meet different sizes of swimming pools.

Taurus FI Series delegates our full DC inverter swimming pool heat pump with metal cabinet for better protection of important components. And metal cabinet is something like Taurus, bring us a feeling of power, stability and reliability. AMITIME's casing design is stylish and unique, with exquisite front panel hollowing and wood grain element.



Robust casing

Stable and durable metal sheet cabinet, facilitating transportation and long-term use.

Super Quiet

Extremely quiet operations, effective sound insulation measures such as soundproof sponges and shock-absorbing feet. 19-42dB(A) at 10m (depending on model and power output).

Smart operation panel

Smart, intuitive and user-friendly operation panel, with a waterproof LCD touchscreen.

WiFi & APP Function

Remote control the unit by APP, making the swimming pool heat pump one part of the smart home system. This also provides access of using Alexa and GoogleAssistant.

As the most compact member of AMITIME' s pool heat pump lineup, Virgo FI series boasts a space-saving design without compromising heating temperature. Its ultra-slim profile and lightweight construction ensure effortless installation, making it the perfect heating/cooling solution for small pools and spas. It equips with a super simple controller, while still offering extended options.



Mini Size

Heating capacity 2/4kW with cooling function, plug and play.

Plastic Casing

Modern design, the plastic materials better combat coastal corrosion.

High Outlet Water Temperature

The flow temperature is up to 42°C to satisfy SPA and more scenarios.

WiFi & APP Functions

Smart and remote control the unit by APP.