



AMITIME ELECTRIC CO., LTD.

Zhongshan Factory:

Add: Yandong 5th Road, Dayan Industrial Zone, Huangpu Town, Zhongshan, Guangdong, China

Tel: +86 13652220180
Email: info@amitime.com

Foshan Factory:

Add: No. 6, Shilong West Road, Shilong Intensive Industrial Zone, Xintang Village, Lunjiao Subdistrict, Foshan, Guangdong, China

EuroHP Thermal Technologies Industry and Trade, Inc.

Turkey Factory:

Add: Ferhatpaşa Sb, Ortanca Sk No:20, 34540 Çatalca/İstanbul, Türkiye

Spanish Representative Office

Add: No. 35, La Hacienda, Calle Bajamar, Nerja, Spain

Tel: +34 872 263 646
Email: brian@amitime.com

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Enterprise Certification



Heat Pump Catalog



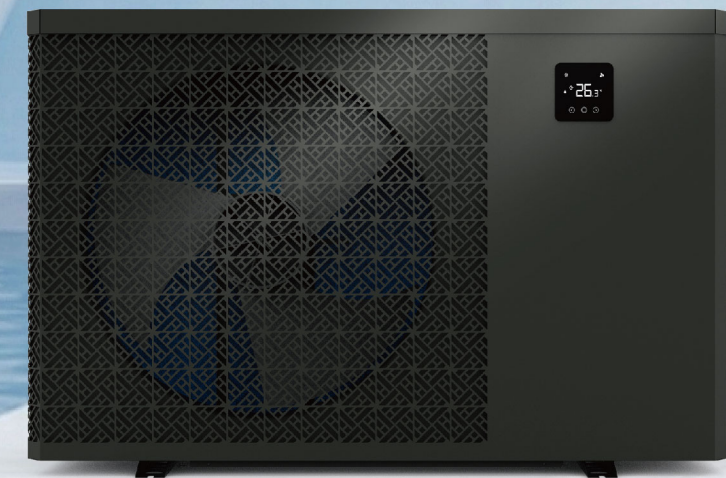
Official Website



SWIMMING POOL HEAT PUMP

Full DC Inverter Technology

Efficient · Silent · Sustainable





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COMPANY ADVANTAGE

Company Profile

AMITIME was set up in 2003, and is a professional manufacturer in China and a leading supplier of developing and providing energy saving equipment and cost-efficient solutions for global market.

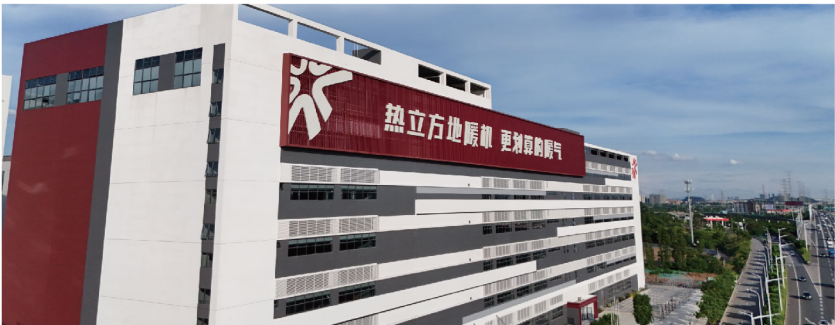
AMITIME has established an effective and dynamic platform for development and manufacturing, and has reached strategic cooperation with ES, Parker Davis and other international heat pump and air conditioning companies. Through a wider European and global perspective, the joint cooperation has been very competitive and commercial successful to strengthen our leading position for overseas market.

AMITIME has worked in the R&D of air source heat pump with DC inverter compressor technologies for more than 22 years. As one of the pioneer developers of DC inverter heat pump, AMITIME has successfully launched four products series, including DC inverter air source heat pump, commercial inverter heat pump, swimming pool heat pump, and fan coils.

AMITIME continually caters to the demand of customers, and becomes very professional on providing OEM/ODM solution to our international distributors and partners, and keeps on delivering most competitive, high energy efficient, good quality and cost effective products for global market.



Amitime Manufacturing Center in Zhongshan, Guangdong



Amitime Manufacturing Center in Foshan, Guangdong



Amitime Turkish Factory



MISSION

Contribute to the sustainable development of human society with the world's leading heat pump technology and applications.



VISION

To be a company with happy employees materially and mentally.
To be the global leading company in heat pump industry.



VALUES

Being a company of integrity, kindness, innovation and struggle.

R&D team

Our esteemed R&D team, boasting a prestigious lineage from Tsinghua University, forms the backbone of our innovation-driven culture. With a significant portion of our workforce, approximately 35%, dedicated to research and development, and an unwavering commitment to invest over 23% of our annual revenue into R&D, we are at the forefront of creating cutting-edge, high-end heat pump solutions. Our global impact is evident, having already provided our services to millions of households across the globe. Various achievements from the government and relevant authorities, showcasing our team's relentless pursuit of excellence and innovation.



Testing facilities

Amitime has a total of 35 professional heat pump laboratories, which meet the certification standards of international organizations such as TUV and Intertek, and can comprehensively test heat pump units up to 300kW in strict accordance with relevant standards. -45°C ultra-low temperature laboratory, which can realistically simulate the extreme environment of -45°C~85°C and provide heating solutions for different climate regions around the world.

- 16 sets of TUV standard test labs
- 12 sets of long term running test labs
- Unit capacity ≤300kW
- Test ambient temperature: -45~85°C
- 10,000 m³/h airflow testing equipment



Fast delivery

The company is located in the heart of the Pearl River Delta, has a mature and stable supply chain system, with the world's top brands, stable cooperation for more than 16 years with hundreds of heat pump parts suppliers, to ensure high quality and fast delivery.



Quality control

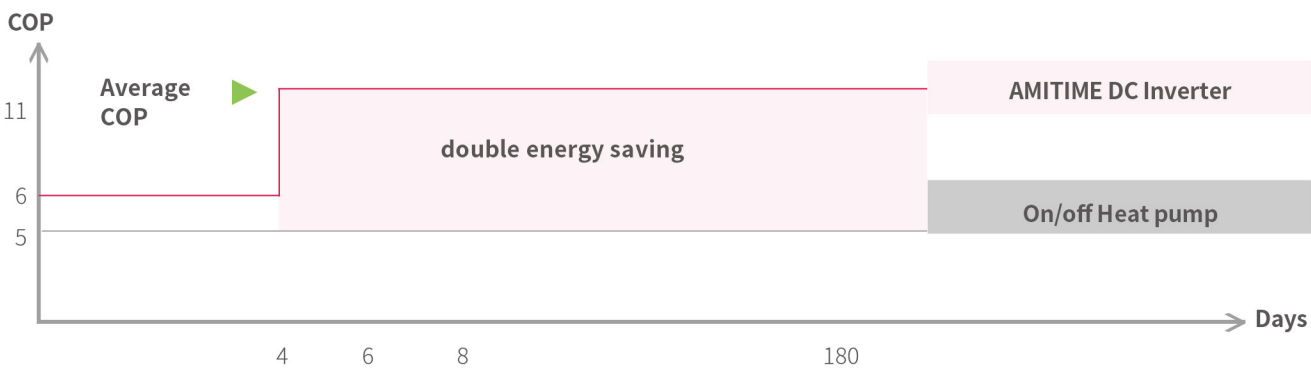
Equipped with a rigorous quality control system, AMITIME ensures every heat pump product meets customers' needs. Holding ISO9001, ISO14001, and ISO45001 certifications, we're dedicated to quality, environmental responsibility, and occupational health & safety. As a leading global brand, our extensive international certifications, including CE, ErP, Q-LABEL, Keymark, MCS, BAFA, and more, underline our commitment to global excellence.



Advanced Technology Highlights

AMITIME Full DC Inverter Technology

Double Energy Saving than traditional heat pumps.



DC Inverter Compressor

Precise Frequency Control

Adjusts speed hertz by hertz to maintain peak efficiency. Experience ultra-high COP and significant energy savings.

Variable Speed Fan motor

Smart Silent Operation

Automatically adjusts fan speed for optimal performance and minimal noise. Powerfully efficient, whisper-quiet.

EEV

Precision Refrigerant Control

The EEV ensures optimal refrigerant flow with rapid, precise adjustments, protecting the compressor for a longer lifespan.

Spiral Titanium heat exchanger

Salt-water Friendly

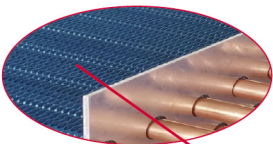
Superior corrosion resistance, perfect for saltwater systems.

Twisted Titanium Tube

Unique threaded design increases heat exchange efficiency by 30%.



Quadruple-Layer Protective Coating



Superior Corrosion Resistance:

Specifically engineered for harsh poolside environments.

Optimal Airflow:

Prevents condensate buildup to maintain consistent ventilation and high efficiency.

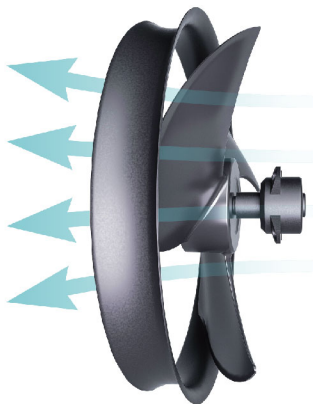
Advanced Airflow Engineering

Silent Power:

Professional blade design eliminates turbulence and minimizes noise.

Peak Efficiency:

Delivers higher air volume with lower power consumption.



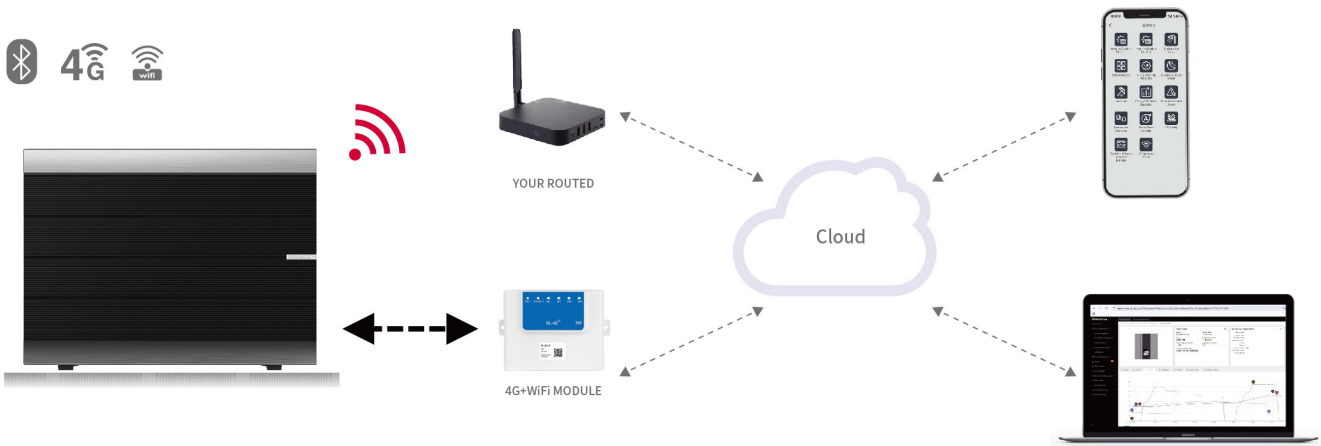
Advanced Technology Highlights

LCD Touch Controller



APP/IOT solution

Flexible App Options: Amitime provides versatile solutions—choose from our standard universal App for instant use or a fully customized OEM App tailored to your brand identity.



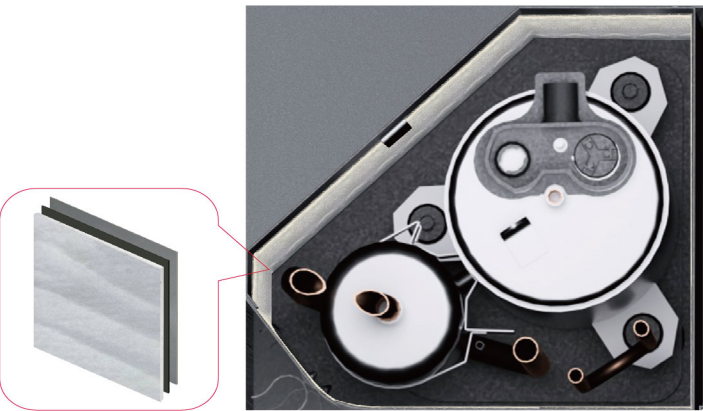
Option 1: Cloud-to-Cloud Integration

Our open API supports seamless integration with your proprietary App, ensuring complete brand independence and a consistent user experience.

Option 2: Tuya Smart Solution

Leverage the standard Tuya App for a plug-and-play solution that is both highly efficient and user-friendly.

Noise Canceling Tech



Whisper-Quiet Integration

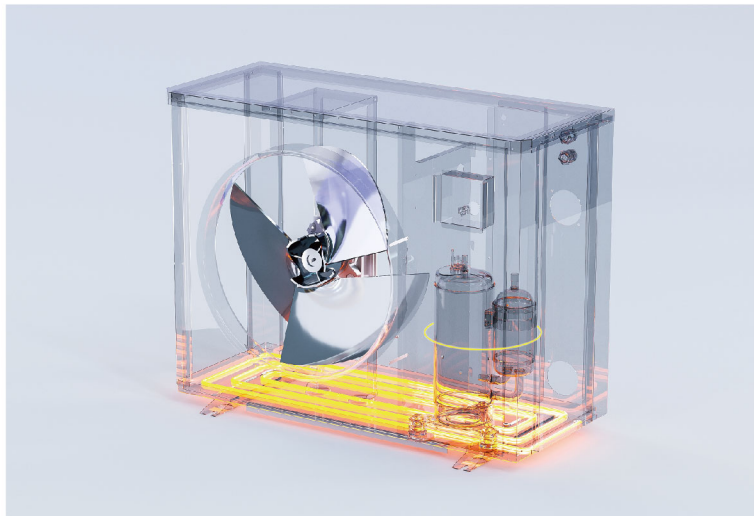
With optimized piping design to minimize vibration and multi-layer sound insulation around the compressor, our units blend seamlessly into your garden environment. Pure peace, no noise.

AI Defrosting Tech

Ensures the lubricant in the crankcase remains at an optimal condition, improving compressor efficiency and extending its service life.



DualHeat Guard



Built-in heating protects the system in freezing conditions, ensuring reliable operation and zero downtime.

Whisper-Quiet Integration

Integrated sensors detect anomalies instantly, applying multi-level protection to prevent irreversible damage and ensure long-term reliability.

2026-2027
AMITIME Swimming Pool
Heat Pump Family



Full Inverter Pool Heat Pump

Pisces FI Series



Dive into Ultra Quiet Swimming

The Pisces series delivers outstanding quality and performance at an exceptional value. With ultra-low noise levels down to just 19 dB(A) @1 m, it offers users a supremely comfortable and worry-free experience.



Technical Data

Model		Pisces FI 07	Pisces FI 10	Pisces FI 13	Pisces FI 15	Pisces FI 20	Pisces FI 20 Tri
Advised pool volume	m ³	15-30	22-43	30-56	37-68	45-85	45-85
Operating range	/	-7~43°C/ -15~43°C					
Refrigeration	/	R32					
Performance at Air 27°C, Water 26°C							
Capacity	KW	6.9	8.9	12.2	14.2	20.0	20.0
COP	W/W	6.64	6.2	6.0	5.7	5.8	5.8
Performance at Air 15°C, Water 26°C							
Capacity	KW	5.1	6.38	8.66	10.74	14.7	14.7
COP	W/W	4.87	4.76	4.59	4.63	4.59	4.59
Performance at Air 35°C, Water 30°C							
Capacity	KW	2.72	4.20	5.37	6.73	9.96	9.96
TECHNICAL SPECIFICATIONS							
Power Supply		230V/1 Ph/50Hz					380-420V/3 Ph/50Hz
Max Current Input (A)	A	8	9	13.0	16	17.5	6.4
Rated Power Input (kW)	KW	1.04	1.34	1.88	2.32	3.2	3.2
Noise Pressure at 10m dB(A)	dB(A)	12.0-30.9	12.7-34.0	12.8-33.6	14.5-35.8	14.0-37.4	14.0-37.4
Net dimensions (mm)	mm	823×375×646	823×375×646	823×375×646	906×375×646	1104×395×746	1104×395×746
Net Weight (kg)	kg	42.5	44.5	49.5	55.8	70	73.5
Heating temperatuer range	°C	8~28°C					
Cooling temperatuer range	°C	15~40°C					
Water Heat Exchanger Type	/	Spiral Titanium Tube In PVC					

Specifications are subject to change without prior notice. For the actual specifications, please refer to the label on the unit.

Technical Data

Model		Pisces FI 24	Pisces FI 24 Tri	Pisces FI 30	Pisces FI 30 Tri	Pisces FI 35	Pisces FI 24
Advised pool volume	m³	54-90	54-90	72-120	72-120	85-140	85-140
Operating range	/	-7~43°C/-15~43°C					
Refrigeration	/	R32					
Performance at Air 27°C, Water 26°C							
Capacity	KW	24.5	24.5	31.4	31.4	34.1	36.1
COP	W/W	5.6	5.6	5.6	5.6	6.1	6.0
Performance at Air 15°C, Water 26°C							
Capacity	KW	17.6	17.6	24	24	25.5	26.7
COP	W/W	4.49	4.49	4.54	4.54	4.81	4.79
Performance at Air 35°C, Water 30°C							
Capacity	KW	12.20	12.20	15.20	15.20	19.60	19.50
TECHNICAL SPECIFICATIONS							
Power Supply		230V/1 Ph/50Hz	380-420V/3 Ph/50Hz	230V/1 Ph/50Hz	380-420V/3 Ph/50Hz	230V/1 Ph/50Hz	380-420V/3 Ph/50Hz
Max Current Input (A)	A	23	8.5	27	10	32	12
Rated Power Input (kW)	KW	3.93	3.93	5.29	5.29	5.3	5.6
Noise Pressure at 10m dB(A)	dB(A)	15.1~39.4	15.1~39.4	16.3~42.6	16.3~42.6	35-45	35-45
Net dimensions (mm)	mm	1133×545×846	1133×545×846	1133×545×846	1133×545×846	1166×525×1170	1166×525×1170
Net Weight (kg)	kg	88.5	92	96	96	123	123
Heating temperatuer range	°C	8~28°C					
Cooling temperatuer range	°C	15~40°C					
Water Heat Exchanger Type	/	Spiral Titanium Tube In PVC					

Specifications are subject to change without prior notice. For the actual specifications, please refer to the label on the unit.

Full Inverter Pool Heat Pump

Gemini FI Series



- Full DC Inverter

Double Saving than troditional heat pump
- Pad Design

Invisible fan design, simple and clean
- AI Defrosting

AI Defrosting
- Titanium

All water treatment

Simple living, right in your backyard

Featuring a sleek flat-panel design, the Gemini series seamlessly blends into modern gardens. Its thoughtfully designed fan prevents cold air from blowing directly on people or plants, making it the perfect garden-friendly choice.

Technical Data

Model		Gemini FI 10	Gemini FI 13	Gemini FI 16	Gemini FI 20	Gemini FI 20 Tri	Gemini FI 25	Gemini FI 25 Tri
Advised pool volume	m³	21-35	27-45	36-60	48-80	48-80	57-95	57-95
Operating range	/	-7~43°C/ -15~43°C						
Refrigeration	/	R32						
Performance at Air 27°C, Water 26°C								
Capacity	KW	9.1	12.5	15.3	20.0	20.6	24.5	24.5
COP	W/W	6.1	6.0	6.1	5.5	5.9	5.1	5.1
Performance at Air 15°C, Water 26°C								
Capacity	KW	6.7	9.1	11.5	15.5	16.0	18.5	18.5
COP	W/W	4.6	4.7	4.7	4.7	4.8	4.3	4.3
Performance at Air 35°C, Water 30°C								
Capacity	KW	3.6	4.8	5.5	6.5	7.7	9.0	9.0
TECHNICAL SPECIFICATIONS								
Power supply		220-240/1 Ph/50Hz				380-420/3 Ph/50Hz	220-240V/1 Ph/50Hz	380-420/3 Ph/50Hz
Max current Input	A	9	13	15	18	6.5	23	8.5
Power input	KW	1.45	1.9	2.43	3.30	3.3	4.3	4.3
Gas R32 (Kg)		0.500	0.650	0.8	1.10	1.3	1.45	1.45
Noise at 10m	dB(A)	19-29	20-29	21-30	22-31	23-33	23-35	23-35
Net dimensions	mm	975×382×647	975×382×647	1046×412×747	1046×412×747	1066×442×847	1066×442×847	1066×442×847
Net Weight (kg)	kg	52	56	72.5	76	94	96	94
Heating temperatuer range	°C	15~40°C						
Cooling temperatuer range	°C	8~28°C						
Water Heat Exchanger Type	/	Spiral Titanium Tube In PVC						

Specifications are subject to change without prior notice. For the actual specifications, please refer to the label on the unit.

Full Inverter Pool Heat Pump

Aquarius FI Series



- Full DC Inverter

Double Saving than troditional heat pump
- 19dB(A)

Dive into Quiet Luxury
- Pad Design

Invisible fan design, simple and clean
- Titanium

All water treatment

Quiet design, Powerful warmth

Designed with top air discharge, the Aquarius series fits perfectly in narrow spaces while keeping cold air away from people and plants. Stylish, quiet, and highly adaptable, it integrates effortlessly into any outdoor setting.

Technical Data

Model		Aquarius FI 15	Aquarius FI 20
Advised pool volume	m³	36-60	45-75
Operating range	/	-15~43°C	-15~43°C
Refrigeration	/	R32	R32
Performance at Air 27°C, Water 26°C			
Capacity	KW	15.4	19.5
COP	W/W	5.75	5.69
Performance at Air 15°C, Water 26°C			
Capacity	KW	11.9	14.8
COP	W/W	4.61	4.67
Performance at Air 35°C, Water 30°C			
Capacity	KW	6.28	6.34
TECHNICAL SPECIFICATIONS			
Power Supply		208~230V/1 Ph/50Hz	208~230V/1 Ph/50Hz
Max Current Input (A)	A	16.0	18
Rated Power Input (kW)	KW	2.64	3.2
Noise Pressure at 10m dB(A)	dB(A)	23-36	27-37
Net dimensions (mm)	mm	29.5×29.5×33.8	29.5×29.5×33.8
Net Weight (kg)	kg	123	130
Heating temperatuer range	°C	8~28°C	8~28°C
Cooling temperatuer range	°C	15~40°C	15~40°C
Water Heat Exchanger Type	/	Spiral Titanium Tube In PVC	Spiral Titanium Tube In PVC

Specifications are subject to change without prior notice. For the actual specifications, please refer to the label on the unit.

Full Inverter Pool Heat Pump

Leo FI Series



- Full DC Inverter

Double Saving than troditional heat pump
- 15°C

Dive into Quiet Luxury
- Pad Design

Invisible fan design, simple and clean
- Titanium

All water treatment

Engineered for performance, Built for reliability

Ideal for large commercial pools, the Leo series leverages advanced Full DC Inverter Technology to heat water faster while keeping long-term energy costs low, maximizing commercial value without compromising performance.

Technical Data

Model		Leo FI 40	Leo FI 50	Leo FI 60	Leo FI 90
Advised pool volume	m³	85-140	105-175	135-225	200-400
Operating range	/	-15~43°C			
Refrigeration	/	R32			
Performance at Air 27°C, Water 26°C					
Capacity	KW	37.1	46.6	66.2	130.0
COP	W/W	5.4	5.7	5.2	5.0
Performance at Air 15°C, Water 26°C					
Capacity	KW	27.7	35.3	50.2	98.4
COP	W/W	4.3	4.4	4.2	4.1
Performance at Air 35°C, Water 30°C					
Capacity	KW	19.6	29.0	32.0	62.7
TECHNICAL SPECIFICATIONS					
Power supply		220-240V/1 Ph/50Hz	380-420V/3 Ph/50Hz		
Max current Input	A	40.78	18	24	46
Rated power	KW	6.44	8.07	12	24
Noise at 10m	dB(A)	30-50	30-50	35-55	50-75
Net/Package dimensions	mm	974×974×1090	1073×1073×1090	1050×1050×1260	2142×1157×1300
Net/poids weight	kg	198/242	218/266	207/264	438/586
Heating temperature range	°C	15~40°C			
Cooling temperature range	°C	8~28°C			
Water Heat Exchanger Type	/	Spiral Titanium Tube In PVC			

Specifications are subject to change without prior notice. For the actual specifications, please refer to the label on the unit.

ON/OFF MINI Pool Heat Pump

Virgo Series



- SPA & Cooling

Operation Temp up to 42°C
- Boost & Silent

Boost & Silent mode
- Plug & Play

Plug & Play
- Titanium

All water treatment

Lightweight. Simple. Reliable

Perfect for small pools, the Virgo series offers both heating and cooling in a single unit. Its plug-and-play, portable design makes it effortless to use, letting you relax and enjoy your pool to the fullest.

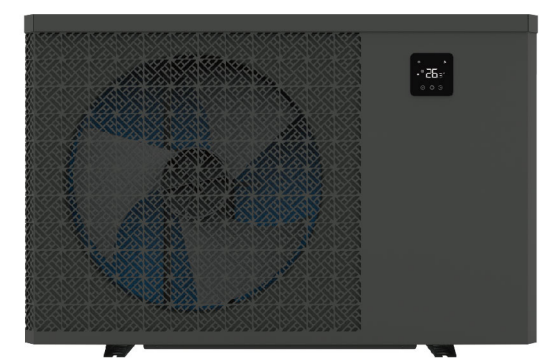
Technical Data

Model		Virgo 03	Virgo 05
Advised pool volume	m³	2	4
Operating range	/	0~43°C	0~43°C
Refrigerant	/	R32	R32
Performance at Air 26°C, Water 26°C			
Capacity	KW	3.3	5.7
COP	W/W	3.3	4.5
Power input		1.0	1.3
Performance at Air 15°C, Water 26°C			
Capacity	W/W	2.4	4.2
COP		2.6	3.7
Power input	KW	0.9	1.1
Performance at Air 30°C, Water 30°C			
Capacity	KW	1.7	3.2
TECHNICAL SPECIFICATIONS			
Power input	KW	0.8	1.4
Power supply		220-240V/1 Ph/60Hz	220-240V/1 Ph/60Hz
Max current Input	A	7	8.7
Rated power	KW	0.90	1.11
Noise at 1m	dB(A)	45/55	50/60
Noise at 10m	dB(A)	20	25
Net dimensions	mm		
Package dimensions	mm		
Net/poids weight	kg	21/22	27.5/28.5
Heating temperatuer range	°C	15~42°C	15~42°C
Cooling temperatuer range	°C	10~28°C	10~28°C

Specifications are subject to change without prior notice. For the actual specifications, please refer to the label on the unit.

Full Inverter Pool Heat Pump

Libra Pro FI Series



Future-Ready. Built for Today

Powered by advanced R290 refrigerant technology, the Libra Pro is Amitime’ s third-generation R290 pool heat pump. Even in the early days of R290 adoption, it has stood out as a highly reliable and mature solution, combining cutting-edge innovation with proven performance.

Technical Data

Model		Libra PRO FI 08	Libra PRO FI 10	Libra PRO FI 13	Libra PRO FI 15	Libra PRO FI 20	Libra PRO FI 20T
SCOP		8.3	8.8	8.5	9.2	8.3	8.3
Performance at Air 26°C, Water 26°C							
Strong Mode Capacity	kW	8.8	11.0	14.2	15.8	21.0	21.0
Capacity	kW	8.0~2.5	10.0~3.0	13.0~3.2	14.8~4.2	19.8~5.7	19.8~5.7
COP	W/W	6.3~12.5	6.2~12.6	6.1~11.9	6.0~13.4	5.9~13.2	5.9~13.2
Performance at Air 15°C, Water 26°C							
Strong Mode Capacity	kW	6.8	8.6	11.0	12.5	16.4	16.4
Capacity	kW	6.2~1.9	7.8~2.3	10.0~2.7	11.5~3.2	15.0~4.2	15.0~4.2
COP	W/W	5.0~7.8	5.0~7.4	5.0~7.1	5.0~7.7	4.8~7.6	4.8~7.6
Performance at Air 35°C, Water 30°C							
Capacity	kW	4.4~2.3	4.9~2.7	6.7~3.2	7.1~3.5	8.6~4.4	8.6~4.4
TECHNICAL SPECIFICATIONS							
Power supply		220-240/1 Ph/50Hz					380-420V/3 Ph/50Hz
Net dimensions	mm	930×400×653	930×400×653	1140×430×750	1140×430×750	1140×430×750	1140×430×750
Net/poids weight	kg	49/58	50/59	69/83	78/92	86/100	86/100
Advised pool volume	m³	18-30	24-40	30-50	36-60	45-75	45-75
Heating temperatuer range	°C	15~40°C					
Cooling temperatuer range	°C	8~28°C					
Operating range	°C	-20~43°C					

Specifications are subject to change without prior notice. For the actual specifications, please refer to the label on the unit.



Stable operation
down to -20°C



Save your
energy bill



Premium
Anti-UV
controller panel



Eco-friendly
refrigerant

Technical Data

Model		Libra PRO FI 24	Libra PRO FI 24T	Libra PRO FI 28	Libra PRO FI 28T	Libra PRO FI 35	Libra PRO FI 35T
SCOP		8.3	8.3	8.3	8.3	8.1	8.1
Performance at Air 26°C, Water 26°C							
Strong Mode Capacity	kW	26.7	26.7	31.5	31.5	38.3	38.3
Capacity	kW	24.2~6.5	24.2~6.5	28.0~8.3	28.0~8.3	34.5	34.5
COP	W/W	6.0~12.5	6.0~12.5	6.0~12.3	6.0~12.3	5.6	5.6
Performance at Air 15°C, Water 26°C							
Strong Mode Capacity	kW	20.0	20.0	24.5	24.5		
Capacity	kW	18.5~4.8	18.5~4.8	22.0~6.4	22.0~6.4	27.0	27.0
COP	W/W	4.8~7.5	4.8~7.5	4.8~7.8	4.8~7.8	4.6	4.6
Performance at Air 35°C, Water 30°C							
Capacity	kW	14.3~6.8	14.3~6.8	15.8~7.6	15.8~7.6		
TECHNICAL SPECIFICATIONS							
Power supply		220-240/1 Ph/50Hz	380-420V/3 Ph/50Hz	220-240/1 Ph/50Hz	380-420V/3 Ph/50Hz	220-240/1 Ph/50Hz	380-420V/3 Ph/50Hz
Net dimensions	mm	1133×545×846	1133×545×846	1133×545×846	1133×545×846	1166×525×1170	1166×525×1170
Net/poids weight	kg	109/126	109/126	111/128	111/128	/	143/161
Advised pool volume	m³	54-90	54-90	66-110	66-110	78-130	78-130
Heating temperatuer range	°C	15~40°C					
Cooling temperatuer range	°C	8~28°C					
Operating range	°C	-20~43°C					

Specifications are subject to change without prior notice. For the actual specifications, please refer to the label on the unit.