SWIMMING POOL HEAT PUMP

2023-2024 CATALOGUE

LASWIM

SMARTER WATER FOR A SMARTER HOME

A comprehensive and proficient manufacturer with more than 35 years of experience

ABOUT LASWIM

Established in 1989, LASWIM is a leading manufacturer based in China serving the global swimming pool, spa, and water environment industries. Guided by our corporate philosophy of 'Comfort at Home', LASWIM is dedicated to creating healthy, comfortable, and eco-friendly water environments for our customers.

Our production facilities span over 90,000 square meters in Zhongshan, Guangzhou, and Taishan, comprising offices and workshops that feature efficient, precise manufacturing processes to ensure the superior quality of LASWIM products. Our production processes leverage advanced technology and expertise, including automation, modularization, precision machining, and real-time monitoring. From raw materials to finished products, we enforce stringent quality inspections to guarantee exceptional product quality.

LASWIM has set up product experience centers, testing centers, and professional laboratories. The products are independently developed by our senior technical team, safeguarding customer interests in style, quality, price, and after-sales service. With the aim of reducing costs and boosting efficiency, LASWIM adheres to international standards in manufacturing and operations management. Our robust research and development capabilities, coupled with strong storage and transportation efficiencies, ensure that our customers receive professional, reliable, and high-efficiency service. LASWIM's reputation is built on delivering high-quality products and services.

We consider all customers and users as our close partners and are dedicated to building an intelligent water environment ecosystem and creating a sustainable future for water environments together.

Corporate Culture

Corporate vision: To be the most competitive company in the area

Corporate Mission: Provide healthy & comfortable aqueous environment

Core value: Improvement, win-win

Business philosophy: Integrity, specialty, quality, service

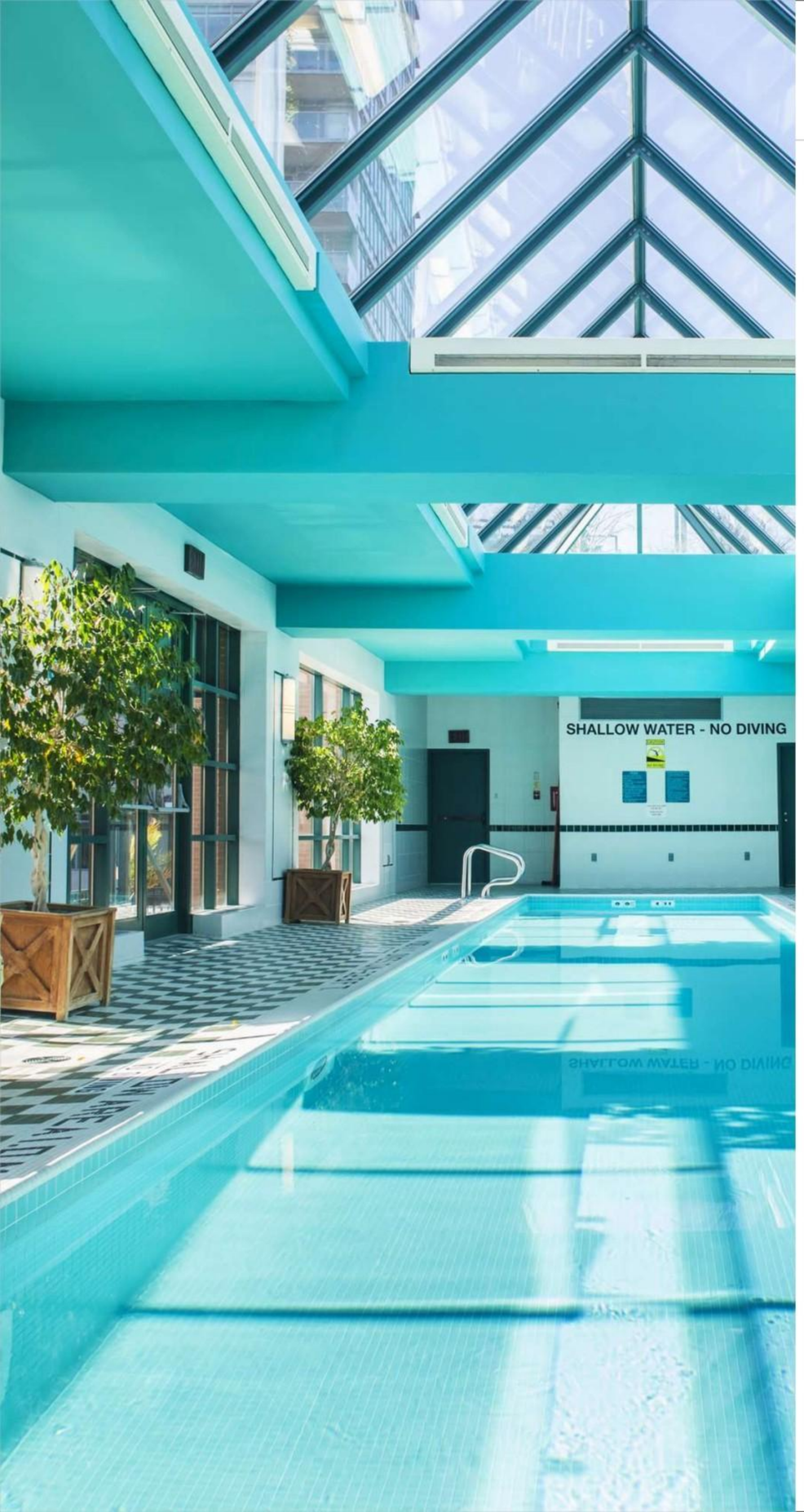
Employment ideality:

Employment principle: Moral & respect, awareness of staffs

Talent standard: Teamwork, specialty, dedication, innovation

Service concept: Enable customers and users convenience and comfort

Slogan: Leader of aqueous environment



RESIDENTIAL SWIMMING POOL HEAT PUMP

COMMERCIAL SWIMMING POOL HEAT PUMP

DEHUMIDIFIER

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RESIDENTIAL SWIMMING POOL HEAT PUMP

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FULL INVERTER SWIMMING POOL HEAT PUMP PREMIUM SERIES

LASWIM Premium series swimming pool heat pump is powered by mature stepless DC inverter technology, which helps to greatly reduce the energy consumption while running silently, enabling the unit to reach extremely high COP up to 14. By smart conversion of compressor speed, fan motor speed and system pressure, this Premium series heat pump can provide amazing energy saving and silent performance.

Full inverter

R32

UK CA

Customizable Appearance

In order to choose your most preferable color or appearance of the heat pumps, customized appearances service is available .

Grey

Black

Dark grey

Silver white

Royal blue

Brown

Stepless DC Inverter

LASWIM full inverter series core technology is stepless DC inverter.It adopts stepless inverter compressor and DC brushless fan motor.The speed can be adjusted as low as one hertz and one round, which provides amazing energy saving and super silence performance.

Intelligent protection

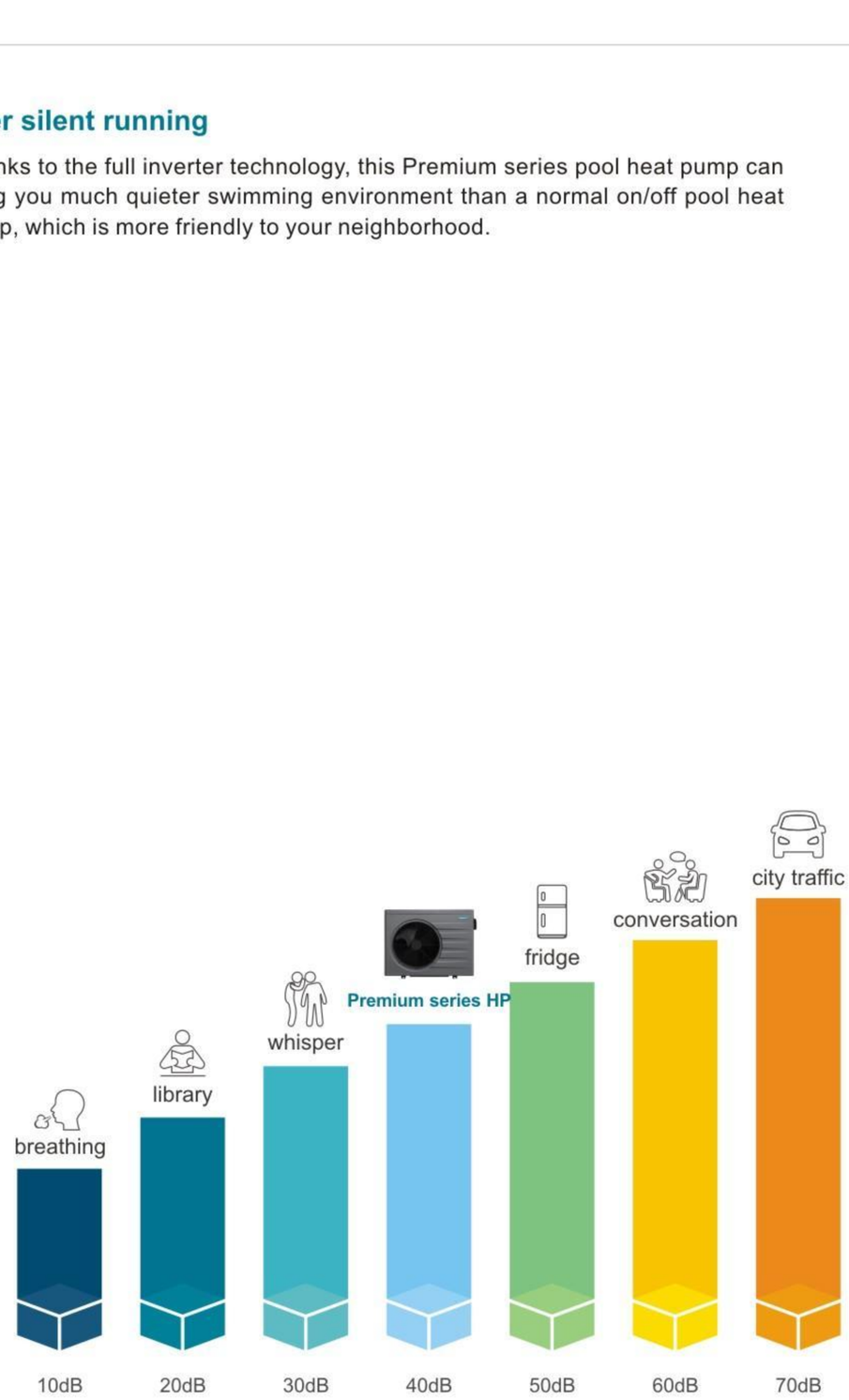
Can adapt to wide voltage of 180V~ 260V and adjusts the system in different tough condition.For example, if there is electricity fluctuation or during electricity peak period, the system can slow down intelligently for comfortable operation.Thus, it brings longer service life than normal on/off heat pump.

Specially designed inverter control system

The control system is specially designed for pool heating. It can adjust the heating capacity precisely according to different heating loss in the swimming season.The design philosophy is to achieve fast heating at high speed in the beginning of the season, and slow down at middle & low speed when the pool water reaches the target temperature,for better energy saving and silent performance in the rest of the season.

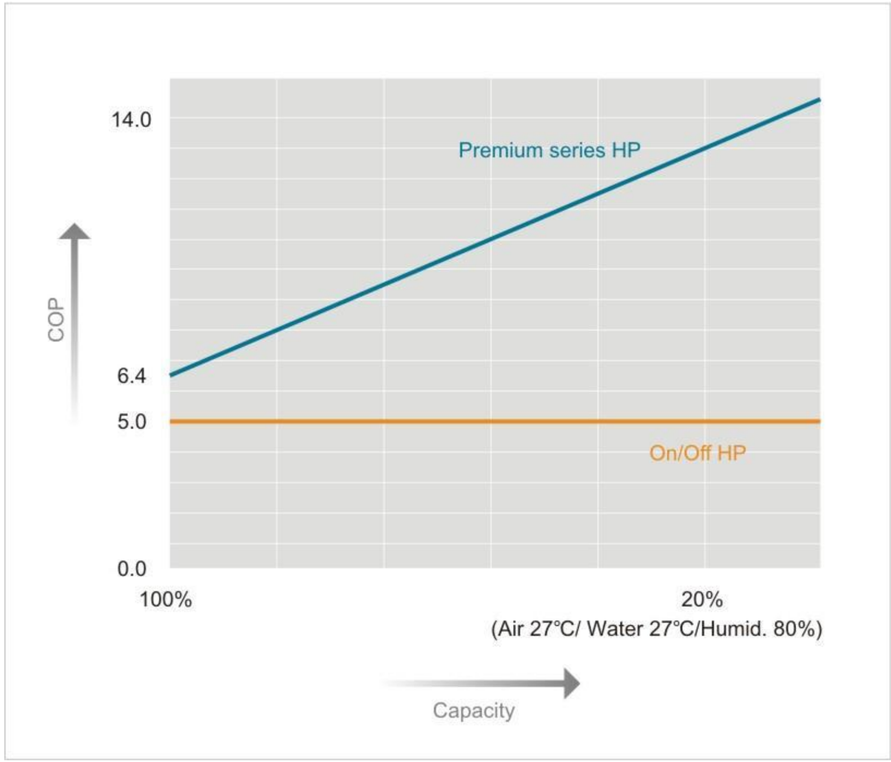
Super silent running

- Thanks to the full inverter technology, this Premium series pool heat pump can bring you much quieter swimming environment than a normal on/off pool heat pump, which is more friendly to your neighborhood.



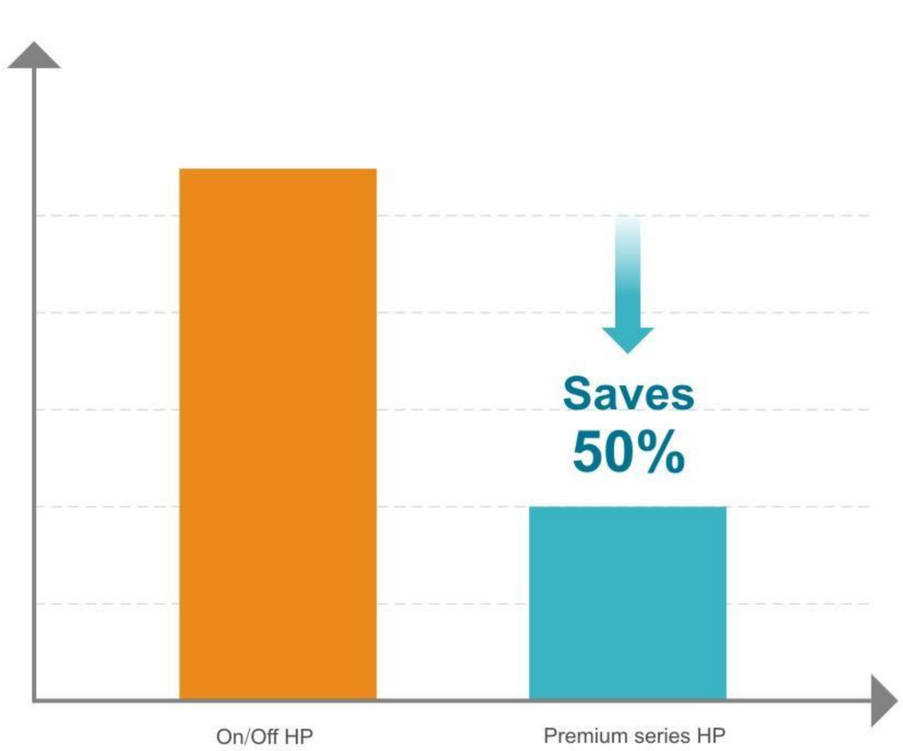
COP up to 14

- When maintaining pool temperature at 95% of pool season, the COP of this Premium series heat pump can be up to 14 when running at middle & low speed, which leads to the best energy saving performance and most silent pool environment.



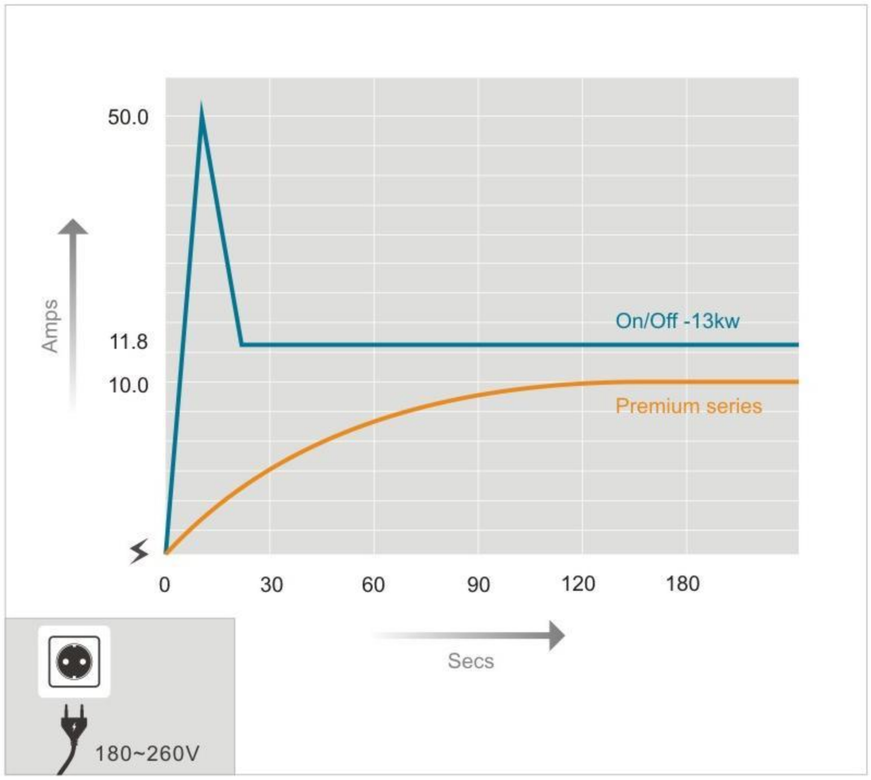
Energy saving

- Adjusting the operating frequency of its compressor and fan motor automatically according to the heating or cooling demand, Premium series heat pump runs at middle & low speed most of the time, it is nearly double energy saving than On/Off heat pump.



Soft start & wide voltage application

- By using stepless DC inverter compressor, the input current will start from 0 Amps to rated Amps steadily, to better protect the house electricity system. With its smart conversion, this premium series heat pump can be also adapted to wide voltage from 180~260V.

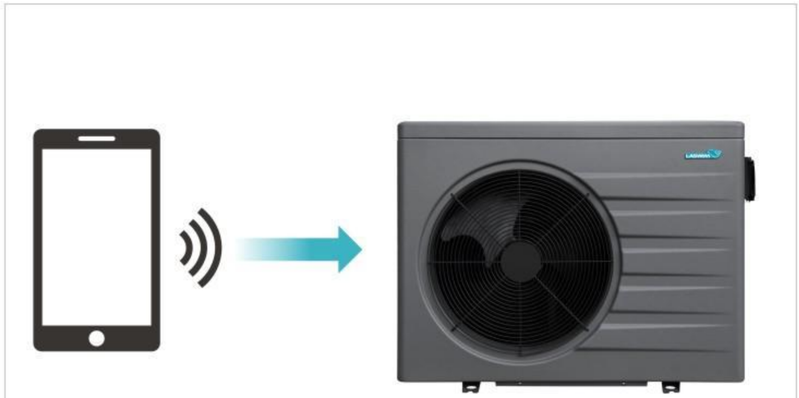


Eco-friendly refrigerant R32

- Compared to other refrigerants widely used today, R32 is remarkable for its small environment impact and has a global warming potential(GWP) of 675, which is two-third lower than R410A, cuts 75% carbon emission and 75% F-gas quota cost.

Built-in Wi-Fi function

- With Wi-Fi function, you can control your heat pump through a smart APP on the phone easily anywhere and anytime.



Other features

DC — Twin-rotary DC inverter compressor

EEV — EEV technology: 10 times flexibility to adjust the gas flow and increase the COP by up to 20%.

-10°C — Design for operating air temperature as low as -10°C

Reverse cycle defrosting with 4-way valve for quick & efficient defrosting

Spiral titanium heat exchanger: 40% higher efficiency than normal titanium heat exchanger.

Can be used for swimming pool heating or cooling.

Customizable Appearance

In order to choose your most preferable color or appearance of the heat pumps, customized appearances service is available .

Technical parameters

Model	LS07-IFP1-S2C1	LS09-IFP1-S2C1	LS13-IFP1-S2C1	LS16-IFP1-S2C1	LS20-IFP1-S2C1	LS24-IFP1-S2C1
Performance condition: Air: 27℃ / Water: 27℃ / Humidity: 80%						
Heating capacity (kW)	1.4-7.2	1.9-9.3	2.6-13	3.2-16	4.1-20.5	4.8-24.4
Heating capacity (BTU)	4800-24600	6500-31700	8900-44400	10900-54600	14000-70000	16400-83300
COP Range	14.8-6.4	14.8-6.7	14.9-6.4	14.5-6.4	14.6-6.4	14.8-6.0
Average COP at 50% Speed	9.8	9.7	9.8	9.6	9.7	9.8
Performance condition: Air: 15℃ / Water: 26℃ / Humidity: 70%						
Heating capacity (kW)	1.0-5.0	1.3-6.5	1.8-9.1	2.3-11.5	2.9-14.4	3.4-17.1
Heating capacity (BTU)	3400-17000	4400-22200	6100-31000	7850-39200	9600-47800	11600-57300
COP Range	8.6-4.1	8.7-4.2	8.4-4.0	8.7-4.2	8.8-4.1	8.6-4.1
Average COP at 50% Speed	6.9	6.8	6.9	6.7	6.8	6.9
Technical specific						
Advised pool volume (m3) *	15~30	20~45	35~65	40~75	50~90	60~110
Operating air temperature (℃)	-10℃~43℃					
Power supply	220-240V / 1Ph / 50-60Hz					
Heat exchanger	Spiral titanium tube in PVC					
Refrigerant	R32					
Casing	ABS(Galvanized steel is available)					
Compressor	Twin-rotary					
Rated input power (kW)	0.1-1.13	0.13-1.39	0.17-2.03	0.22-2.5	0.28-3.2	0.32-4.1
Input power at 50% Speed (kW)	0.4	0.5	0.7	0.9	1.2	1.3
Rated input current (A)	0.40-4.9	0.52-6.0	0.8-8.8	1.0-10.9	1.2-14.0	1.4-17.7
Maximum input current (A)	5.8	7.2	10.6	13.1	16.7	21
Power cord (mm²)	3*1.5	3*1.5	3*2.5	3*2.5	3*4.0	3*4.0
Sound level at 1m dB(A)	36.8~50.2	38.6~52.5	42.5~52.0	42.5~52.0	44.3~57.0	44.9~58.7
Sound level by 50% speed 1m dB(A)	42.5	45.8	47.5	47.5	48.6	48
Sound level at 10m dB(A)	17.9~30.2	19.6~31.4	22~32.5	24.2~35.4	24.3~36.2	25.9~37.6
Advised water flow (m³/h)	2~4	3~5	4~6	6~8	7~10	10~12
Water connection (mm)	50					
R32 Net weight (g)	450	600	750	1500	1500	1750
Gross weight (kg)	50	52	53	65	68.5	79.5
Net weight (kg)	42	44	45	56	59	70
Net dimension LxWxH (mm)	891x370x665	891x370x665	891x370x665	981x370x665	981x440x765	981x440x765
Packing Size (mm)	936x385x695	936x385x695	936x385x695	1026x385x695	1026x455x800	1026x455x800
Qty per 20'FT / 40'HQ (sets)	102/216	102/216	102/216	90/198	50/165	50/165

Remarks:

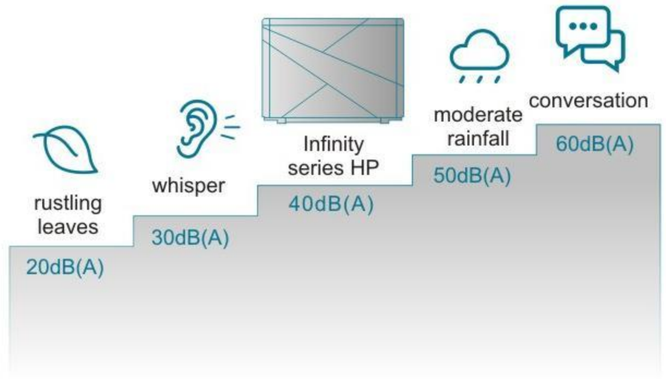
* The above data will be subject to change without further notice, please refer to the nameplate on the unit.
* Advised pool volume applies to a private pool with an isothermal cover, from April to September.

SUPER SILENT FULL INVERTER SWIMMING POOL HEAT PUMP INFINITY SERIES

LASWIM super silent full inverter swimming pool heat pump Infinity series is specially designed for silent and comfortable user experience, with COP up to 15 while sound level is down to 42dB. Thanks to the DC inverter compressor , stepless inverter control system and brushless fan motor , the speed can be adjusted Hz by Hz and round by round, to achieve energy saving and super silence.

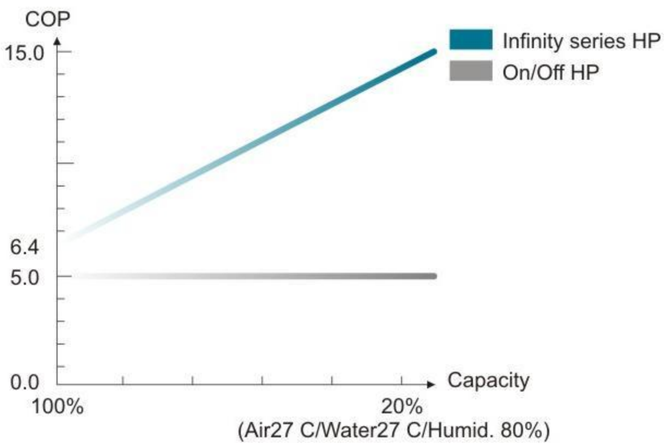
1 Super silence

- Unique backward airflow helps to provide comfort silence swimming experience. It adopts invisible fan to draw air from two sides and bottom side, and exhaust out from back side to eliminate every possible noise to realize silence and comfort, and achieve a sound level down to 42dB(A) at 1m, 10dB(A) lower than On/Off heat pump, you'll hardly notice it's there.



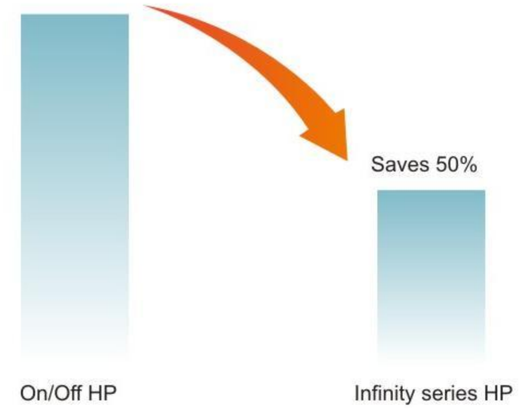
2 COP up to 15

- Infinity series heat pump runs at middle & low speed to maintain pool temperature for 95% of swimming season, COP can be up to 15.



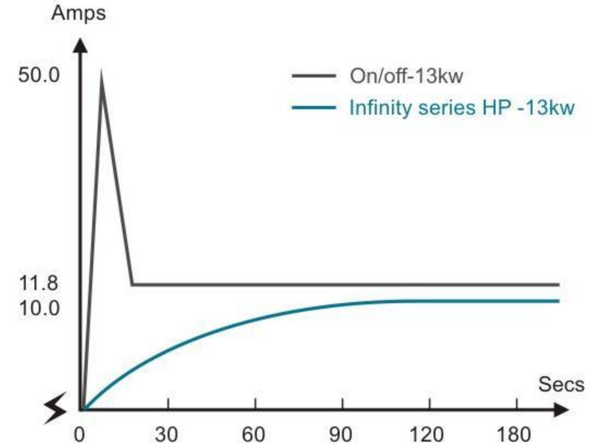
3 Energy saving

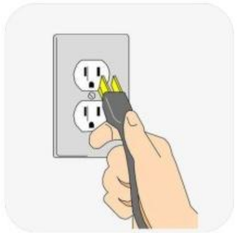
- With low-speed running most of the time, Infinity series heat pump double energy saving than On/Off heat pump, as it will adjust the operating speed of its compressors and fan motors automatically according to the heating or cooling demand.



4 Soft start & wide voltage application

- The input current will start from 0 Amps to rated Amps steadily. More friendly to house electricity system. Infinity series heat pump can be also adapted to wide voltage from 180~260V.





5 Built-in Wi-Fi function

- With Wi-Fi function, you can control your heat pump with a smart APP on the phone easily at anywhere and anytime.

Other features

EEV technology
10 times flexibility to adjust the gas flow and increase the COP by up to 20%.

ECO-Friendly refrigerant
32% GWP comparing to R410A, 25% CO_2 carbon consumption and 25% quota cost

DC Twin-Rotary Inverter compressor.

Twisted titanium heat exchanger
40% higher efficiency than normal titanium heat exchanger.

Designed for down to Air -10 ℃ Operation.

Reverse cycle defrosting
With Saginomiya 4-way valve for quick and efficient defrosting.

Technical parameters

Model	LS13-IFPQ1-S4C2	LS16-IFPQ1-S4C2	LS20-IFPQ1-S4C2	LS24-IFPQ1-S4C2
Performance condition: Air 27°C/ Water 27°C/ Humid. 80%				
Heating capacity (kW)	2.6-13.2	3.2-16.0	4.1-20.8	4.5-24.0
Heating capacity (BTU)	8900-45100	11000-54600	14000-71000	15400-81900
COP Range	14.9-6.0	14.5-5.9	15.2-6.1	15.0-5.7
Average COP at 50% Speed	9.8	9.6	9.7	9.8
Performance condition: Air 15°C/ Water 26°C/ Humid. 70%				
Heating capacity (kW)	1.8-9.1	2.3-11.5	2.9-14.4	3.4-15.9
Heating capacity (BTU)	6200-31100	7900-39300	9900-49200	11600-54300
COP Range	8.4-4.0	8.7-4.2	8.8-4.1	8.7-4.2
Average COP at 50% Speed	7.4	7.1	7.3	7.2
Technical specifications				
Advised pool volume (m^3) *	20~45	35~65	50~90	60~110
Operating air temperature (℃)	-10℃~43℃			
Compressor	Twin-rotary Compressor			
Heat exchanger	Titanium			
Power supply	220-240V / 1Ph / 50-60Hz			
Refrigerant	R32			
Material	ABS+Galvanized Sheet			
Rated input power (kW)	0.17~2.03	0.2~2.3	0.28~3.2	0.30~4.2
Input power at 50% Speed (kW)	0.7	0.8	1.2	1.3
Rated input current (A)	0.8~8.8	0.9~10.0	1.2~14.0	1.3~18.2
Maximum input current (A)	10.6	12.0	16.7	22.0
Breaker rated current (A)	15.0	20.5	23.5	25.0
Power cord (mm^2)	3×2.5	3×2.5	3×4.0	3×4.0
Sound level at 1m dB(A)	42.2~52.8	42.5~54.0	43.8~54.5	42.9~56.7
Sound level by 50% speed 1m dB(A)	45.8	45.5	47.1	48
Sound level at 10m dB(A)	22.2~31.8	22~34.5	23.6~34.2	21.9~37.6
Advised water flux (m^3/h)	4~6	6~8	7~10	10~12
Water connection (mm)	50			
R32 Net weight (g)	900	1100	1300	1400
Net weight / Gross weight (kg)	53/67	58/72	70/86	76/92
Net dimension LxWxH (mm)	900x430x670	900x430x670	1060x430x780	1060x430x780
Packing size LxWxH (mm)	960x450x700	960x450x700	1150x450x810	1150x450x810
Qty per 20'FT / 40'HQ (sets)	95/180	95/180	50/150	50/150

Remarks:
* The above data will be subject to change without further notice, please refer to the nameplate on the unit.
* Advised pool volume applies to a private pool with an isothermal cover, from April to September.

HIGH EFFICIENT SWIMMING POOL HEAT PUMP COMFORT SERIES

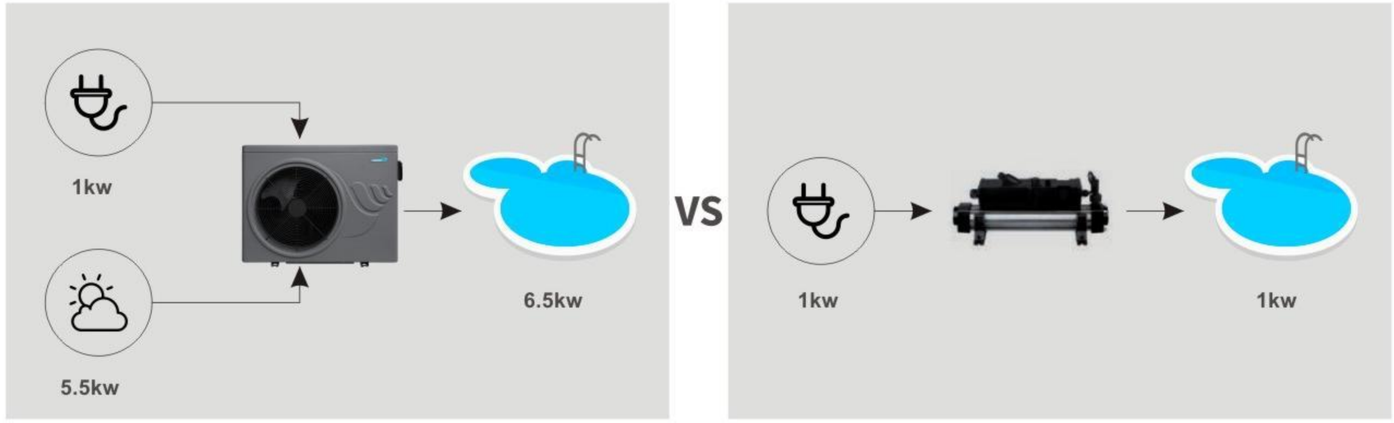
LASWIM high efficient Comfort series swimming pool heat pump is specially developed for energy saving and fast pool heating. With a COP as high as 6.5, it helps to extend the swimming season in a high cost-effective way. This Comfort series pool heat pump offers over 6 times heat power than electrical power input, it is your best choice for enjoying pool fun.

CE

R32

COP up to 6.5, over 6 times energy saving

- At the condition of Air 27℃/Water 27℃/Humid.80%, the COP can be as high as 6.5, this comfort series heat pump offers over 6 times heat power than electric power input, giving you exceptional performance at a high cost-effective way.



High efficient on/off heat pump COP 6.5

Electrical heater COP 1

Spiral titanium heat exchanger

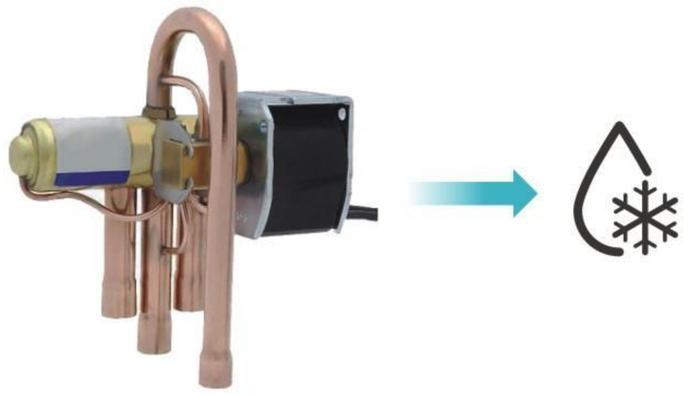
- Spiral titanium heat exchanger enlarges the area of heat exchanging by at least 30%.

Built-in Wi-Fi function

- With Wi-Fi function, you can control the heat pump with a smart APP on the phone easily anywhere and anytime.

Intelligent defrost

- With a 4-way valve for quick and efficient reverse cycle defrosting, ensuring the unit is running in high efficiency.



Other features

Down to -5°C running, help to extend the swimming season

ECO-friendly refrigerant
Compared to R410A, only 32% GWP,
25% CO2 carbon emission and 25% quota cost

Silver welding for reliable refrigerant system

Quiet operation, comfortable swimming environment

Simple LED digital controller

ABS casing
Anti-UV and anti-corrosion

Technical parameters

Model	LS06-CFP1-S1C1	LS10-CFP1-S1C1	LS12-CFP1-S1C1	LS14-CFP1-S1C1	LS17-CFP1-S1C1
Performance condition: Air 27°C/ Water 27°C/ Humid. 80%					
Heating capacity (kW)	6.0	10.2	12.0	14.0	17.0
Heating capacity (BTU)	20500	34800	40960	47800	58000
COP Range	5.8	6.3	6.5	6.5	6.4
Performance condition: Air 15°C/ Water 26°C/ Humid. 70%					
Heating capacity (kW)	4.2	7.1	8.4	9.8	11.9
Heating capacity (BTU)	14300	24200	28700	33400	40600
COP Range	4.3	4.4	4.6	4.6	4.5
Technical specifications					
Advised pool volume (m^3)	0~30	25~45	35~55	40~65	45~75
Operating air temperature (℃)	-5℃~43℃				
Power supply	220-240V / 1Ph / 50Hz				
Heat exchanger	Spiral titanium tube in PVC				
Refrigerant	R32				
Casing	ABS				
Compressor	Rotary				
Rated input power (kW)	1.0	1.6	1.8	2.2	2.6
Rated input current (A)	4.5	7.0	8.0	9.4	11.3
Max input current (A)	6.5	10.2	11.6	13.6	16.0
Breaker (A)	8.0	13.0	15.0	16.5	20.0
Power cord (mm^2)	3*1.5	3*2.5	3*2.5	3*4.0	3*4.0
Sound level at 1m dB(A)	46.5	46.5	47.5	47.5	48.5
Sound level at 10m dB(A)	27.5	27.5	29.5	29.5	30.5
Advised water flow (m^3/h)	2.5-3.5	4.0-6.0	4.0-6.0	5.0-7.0	6.0-8.0
Water connection (mm)	50				
Net dimension LxWxH (mm)	891x370x665	891x370x665	981x370x665	981x370x665	981x370x665
Packing Size (mm)	936x385x695	936x385x695	1026x385x695	1026x385x695	1026x385x695
Loading quantity of 20ft/40HQ (Sets)	102/216	102/216	90/198	90/198	90/198

Remarks:

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* Advised pool volume applies to a private pool with an isothermal cover, from April to September.

INVERTER MINI SWIMMING POOL HEAT PUMP IMN SERIES

LASWIM inverter mini swimming pool heat pump IMN series is the best choice for various small above ground pools. You can easily enjoy a comfortable heated swimming pool in your backyard, even on not-so-beautiful summer days. Thanks to the inverter technology, it absorbs free heat from the environment and passes it into the water for reduced and controlled energy consumption.

INVER TECH

CE

R32

Features:

- Ideal for above-ground pools, spas and splash pools
- Operating air temperature 5 ℃-43 ℃
- Easy installation (quick connection)
- Simple and intuitive control panel
- Low noise operation
- Filled with environmentally friendly R32 gas
- Titanium heat exchanger
- 1.5m wire cable&plug with RCD protection
- Suitable for 32mm or 38mm water connections

Save 80% energy

COP is up to 5.04, over 80%
free energy from the ambient air

Just plug&play

Simple plug and play saves
valuable installation time

Technical parameters

Model	LS03-IMN1-S4C6	LS04-IMN1-S4C6	LS05-IMN1-S4C6
Performance condition: Air: 27℃ / Water: 27℃ / Humidity: 80%			
Heating capacity (kW)	1.3-3.5	1.5-4.5	2.0-5.6
Heating capacity (BTU)	11740	15360	18780
COP	13.2-5.4	13.1-5.2	13.1-6.0
Average COP at 50% Speed	8.1	8.6	9.5
Performance condition: Air: 15℃ / Water: 26℃ / Humidity: 70%			
Heating capacity (kW)	0.9-2.4	1.1-3.2	1.5-3.9
Heating capacity (BTU)	8220	10750	13450
COP	7.6-4.1	7.7-4.2	7.4-4.0
Average COP at 50% Speed	5.7	6.0	6.7
Technical specifications			
Advised pool volume (m3) *	0~15	5~20	8~25
Operating air temperature (℃)		5℃-43℃	
Power supply		220-240V / 1Ph / 50Hz	
Heat exchanger		Spiral titanium tube in PVC	
Compressor		Twin-rotary DC inverter	
Refrigerant		R32	
Casing		Galvanized steel	
Rated input power (kW)	0.09-0.65	0.12-0.87	0.15-0.93
Input power at 50% Speed (kW)	0.2	0.3	0.35
Rated input current (A)	0.4-2.8	0.5-3.8	0.6-4.1
Maximum input current (A)	3.6	5	5.4
Power cord (mm²)		3x1.0	
Fan speed (rpm)		850-900	
Sound level at 1m dB(A)		48~52.5	
Sound level by 50% speed 1m dB(A)		50	
Sound level at 10m dB(A)	21~32.5	22~32.5	22~33.5
Advised water flow (m³/h)	1~2	1~2.5	2~3.5
Protection level		IPX4	
Water connection (mm)		32/38	
Water pressure drop (kPa)		15	
R32 Net weight (g)	320	350	400
Gross weight (kg)	26	27	28
Net weight (kg)	24	25	26
Net dimension LxWxH (mm)		440x330x486	
Packing Size (mm)		520x350x490	
Qty per 20'FT / 40'HQ (sets)		264/660	

Remarks:
* The above data will be subject to change without further notice, please refer to the nameplate on the unit. * Advised pool volume applies to a private pool with an isothermal cover, from April to September.

COMMERCIAL SWIMMING POOL HEAT PUMP

- NORMAL TEMPERATURE SWIMMING POOL HEAT PUMP
- LOW TEMPERATURE V-TYPE SWIMMING POOL HEAT PUMP
- LOW TEMPERATURE L-TYPE SWIMMING POOL HEAT PUMP
- FULL INVERTER COMMERCIAL SWIMMING POOL HEAT PUMP

DETAILS OF HIGH QUALITY COMPONENTS

Evaporator:

- With large surface for big air flow and good heat absorption.
- With great corrosion and heat resistance, COP is stable.

Dual coil Titanium heat exchanger:

- Enlarges the heat exchanging surface that increases efficiency by providing an sufficient action area.
- Effectively resists the corrosion of chloride in water.

Electric expansion valve:

- Automatically adjust the refrigerant flow rate, ensuring the units operate with high efficiency in all weather conditions.

Intelligent and high efficient control system

- Automatic electric control system with a touch display, the operation and settings are more easy and convenient.
- The control panel adopts advanced SMT technology and ST micro-computer chip, with stable & reliable performance and powerful functions.

International standard compressor:

- International famous brand compressor with precise energy stage settings ensures the working unit to achieve the desired energy saving effect.

NORMAL TEMPERATURE SWIMMING POOL HEAT PUMP

LASWIM normal temperature commercial swimming pool heat pump is designed with titanium heat exchanger, can effectively resist the corrosion of chloride ion in pool water.

This series heat pump is a reliable and energy-saving solution for pools in hotels, SPA, water parks, gyms, competition pool, etc.

Features:

- Intelligent control for constant pool water temperature (max 40°C).
- Wide working air temperature range: -5°C to 45°C.
- Anti-corrosion titanium in PVC heat exchanger for durable use.
- Multiple protections for safe operation and long service life.
- The housing adopts high-quality galvanized sheet, with strong corrosion resistance.
- Powerful centralized control and remote control is available for convenient operation and maintenance.
- Automatic and forced defrosting function.

LAS21-KP

LAS35-KP - LAS52-KP

LAS70-KP - LAS105-KP

Technical parameters

Model		LAS21-KP	LAS35-KP	LAS42-KP	LAS52-KP	LAS70-KP	LAS85-KP	LAS105-KP
Standard heating condition	Heating capacity (KW)	28.3	45.5	56.2	68.1	91.0	109.1	132.4
	COP	6.63	6.66	5.72	6.77	6.66	6.69	6.73
Standard heating condition	Heating capacity (KW)	25.0	40.2	49.6	60.2	80.4	96.4	117.1
	COP	5.97	6.00	6.05	6.08	6.00	6.03	6.01
Low temperature heating condition	Heating capacity (KW)	18.4	30.6	37.9	45.8	61.2	73.6	89.1
	COP	4.50	4.57	4.62	4.63	4.57	4.60	4.57
Cooling condition	Cooling capacity (KW)	15.4	26.8	33.2	40.1	53.6	64.4	78.1
	EER	3.44	3.45	3.49	3.50	3.45	3.47	3.46
Power supply (V/ph/Hz)		380V/3N/50Hz						
Rated input power (KW)		4.2	6.7	8.2	9.9	134.4	16.0	19.5
Rated input current (A)		7.5	12.0	14.3	17.7	23.9	28.6	34.8
Maximum input power (KW)		7.1	11.8	14.2	16.5	23.6	28.4	33.0
Maximum input current (A)		11.9	19.8	23.8	27.7	39.6	47.6	55.4
Maximum outlet water temperature (℃)		40						
Grade of waterproof		IPX4						
Anti-shock type		I						
Operating air temperature (℃)		-5℃ ~ 43℃						
Heat exchanger		PVC+Titanium						
Maximum pressure (MPa)		4.2						
Refrigerant		R410A						
Noise Level dB(A)		≤65	≤68	≤68	≤68	≤70	≤70	≤70
Water inlet/outlet size		DN40(Internal)	DN40(Internal)	DN40(Internal)	DN50(Internal)	DN50(Internal)	DN65(Internal)	DN65(Internal)
Circulating water flow rate (m^3/h)		6	10	12	15	20	25	30
Water pressure drop (kPa)		47	48	50	50	51	53	55
Net weight (Kg)		165	280	320	420	560	650	760
Dimensions	Length (mm)	745	1425	1425	1425	2250	2250	2250
	Width (mm)	745	745	745	745	1035	1035	1035
	Height (mm)	1100	1100	1100	1100	1210	1210	1210

Remarks:

1. A24/W26: 24℃ DB, 19℃ WB, inlet water temperature 26℃;
2. A20/W26: 20℃ DB, 15℃ WB, inlet water temperature 26℃;
3. A7/W26: 7℃ DB, 6℃ WB, inlet water temperature 26℃;
4. Cooling condition: 35℃ DB, 27℃ WB, inlet water temperature 28℃;
5. Due to the continuous improvement of products, the actual data will be subject to change without prior notice, please refer to the nameplate.

LOW TEMPERATURE V-TYPE SWIMMING POOL HEAT PUMP

LASWIM low temperature V-type commercial swimming pool heat pump is specially designed for commercial applications in low temperature areas. It works with high efficient even under -10°C(-30°C EVI heat pump is available). This series heat pump is widely used for pools in hotels, SPA, water parks, gyms, competition pool, etc.

Features:

- Intelligent control for constant pool water temperature (max 40°C).
- Wide working air temperature range: -10°C to 45°C.
- Anti-corrosion titanium in PVC heat exchanger for durable use.
- Adopts V-type evaporator, with large heat exchanging surface and great heat absorption.
- Multiple protections for safe operation and long service life.
- The housing adopts high-quality galvanized sheet, with strong corrosion resistance.
- Powerful centralized control and remote control is available for convenient operation and maintenance.
- Automatic and forced defrosting function.

Strong heating capacity

Constant temperature

Silent

Safe and reliable

Energy-efficient

Good corrosion resistance

Technical parameters

Model			LAS35-KP-V	LAS42-KP-V	LAS52-KP-V	LAS70-KP-V	LAS85-KP-V	LAS105-KP-V	LAS140-KP-V	LAS180-KP-V	LAS210-KP-V
A24/W26 Condition	Heating capacity	KW	45.5	56.7	68.2	91.0	109.0	132.6	181.9	218.2	254.7
	COP	----	6.80	6.79	6.79	6.81	6.83	6.82	6.80	6.84	6.79
A20/W26 Condition	Heating capacity	KW	40.2	50.2	60.3	80.4	96.4	117.1	160.8	192.8	225.2
	COP	----	6.14	6.12	6.09	6.14	6.16	6.10	6.14	6.16	6.13
A2/W26 Condition	Heating capacity	KW	28.1	35.1	42.1	56.2	67.4	81.8	112.4	134.8	157.2
	COP	----	4.29	4.28	4.25	4.29	4.31	4.26	4.29	4.31	4.28
A-6/W26 Condition	Heating capacity	KW	23.9	29.9	35.9	47.8	57.4	69.9	95.6	114.8	134.0
	COP	----	3.65	3.65	3.63	3.65	3.67	3.64	3.65	3.67	3.64
Cooling condition	Cooling capacity	KW	26.8	33.5	40.2	53.6	64.4	78.1	107.2	128.8	150.0
	EER	----	3.53	3.54	3.52	3.53	3.55	3.54	3.53	3.55	3.52
Power supply		----	380V/3N/50Hz								
Rated input power		KW	6.6	8.2	9.9	13.1	15.7	19.2	26.2	31.3	36.8
Rated input current		A	11.7	14.3	17.1	24.4	28.0	34.3	46.8	55.9	65.7
Maximum input power		KW	11.8	14.2	16.5	23.6	28.4	33.0	47.2	56.8	66.0
Maximum input current		A	19.8	23.8	27.7	39.6	47.6	55.4	78.2	95.2	110.8
Maximum outlet water temperature		℃	40								
Grade of waterproof		----	IPX4								
Anti-shock type		----	I								
Operating air temperature		℃	-15℃~43℃								
Heat exchanger		----	Titanium in PVC heat exchanger								
Maximum pressure		Mpa	4.2								
Refrigerant		----	R410A								
Noise Level		dB (A)	≤65	≤66	≤67	≤68	≤69	≤70	≤73	≤73	≤73
Water inlet/outlet size		----	DN40(Internal)	DN40(Internal)	DN50(Internal)	DN50(Internal)	DN65(Internal)	DN65(Internal)	DN80(Flange)	DN80(Flange)	DN100(Flange)
Circulating water flow rate		m^3/h	10	12	15	20	25	30	40	50	60
Water pressure drop		kPa	48	50	50	51	53	55	55	55	56
Net weight		Kg	330	350	410	600	680	750	1000	1050	1180
Dimensions	L	mm	1420	1420	1420	1920	1920	1920	1920	1920	1920
	W	mm	920	920	920	1020	1020	1020	2040	2040	2040
	H	mm	1600	1600	1600	1850	1850	1975	1850	1850	1975

Remarks:

1. A24/W26 condition: 24℃ DB, 19℃ WB, inlet water temperature 26℃;
2. A20/W26 condition: 20℃ DB, 15℃ WB, inlet water temperature 26℃;
3. A2/W26 condition: 2℃ DB, 1℃ WB, inlet water temperature 26℃;
4. A-6/W26 condition: -6℃ DB, -7℃ WB, inlet water temperature 26℃;
5. Cooling condition: 35℃ DB, 24℃ CWB, inlet water temperature 26℃;

Due to the continuous improvement of products, the actual data will be subject to change, please refer to the nameplate.

ULTRA-LOW TEMPERATURE V-TYPE SWIMMING POOL HEAT PUMP

Technical parameters

Model				LAS35-KPC-V	LAS42-KPC-V	LAS52-KPC-V	LAS70-KPC-V	LAS85-KPC-V	LAS105-KPC-V	LAS140-KPC-V	LAS180-KPC-V	LAS210-KPC-V
A24/W26 Condition	Heating capacity	kW		47.7	57.1	68.8	95.3	114.4	133.4	190.7	228.5	267.1
	COP	----		6.83	6.86	6.84	6.83	6.86	6.82	6.83	6.86	6.82
A20/W26 Condition	Heating capacity	kW		42.2	50.6	60.9	84.4	101.2	118.2	168.8	202.4	236.4
	COP	----		6.17	6.19	6.13	6.17	6.19	6.16	6.17	6.19	6.16
A7/W26 Condition	Heating capacity	kW		32.5	39.0	46.9	65.0	78.0	91.0	130.0	156.0	182.0
	COP	----		4.75	4.77	4.74	4.75	4.77	4.74	4.75	4.77	4.74
A2/W26 Condition	Heating capacity	kW		29.5	35.4	42.5	59.0	70.8	82.6	118.0	141.6	165.2
	COP	----		3.41	4.33	4.29	4.31	4.33	4.30	4.31	4.33	4.30
A-12/W26 Condition	Heating capacity	kW		22.1	26.5	31.8	44.2	53.0	61.8	88.4	106.0	123.6
	COP	----		3.23	3.24	3.21	3.23	3.24	3.22	3.23	3.24	3.22
A-20/W26 Condition	Heating capacity	kW		18.6	22.3	26.8	37.2	44.6	52.0	74.4	89.2	104.0
	COP	----		2.72	2.73	2.71	2.72	2.73	2.71	2.72	2.73	2.71
Cooling condition (35℃)	Cooling capacity	kW		28.1	33.7	40.5	56.2	67.4	78.6	112.4	134.8	157.2
	EER	----		3.54	3.56	3.53	3.54	3.56	3.53	3.54	3.56	3.53
Power supply		----		380V/3N~/50Hz								
Rated input power		kW		6.8	8.2	9.9	13.7	16.3	19.2	27.4	32.7	38.4
Rated input current		A		12.2	14.6	17.7	24.4	29.2	34.2	48.9	58.4	68.4
Max. input power		kW		11.8	14.2	16.5	23.6	28.4	33.0	47.2	56.8	66.0
Max. input current		A		19.8	23.8	27.7	39.6	47.6	55.4	78.2	95.2	110.8
Max. outlet water temperature		℃		40								
Grade of waterproof		----		IPX4								
Anti-shock type		----		I								
Operating air temperature		℃		-25℃~43℃								
Heat exchanger		----		PVC+Titanium								
System max. pressure		MPa		4.2								
Refrigerant		----		R410A								
Noise		dB (A)		⩽65	⩽66	⩽67	⩽68	⩽69	⩽70	⩽73	⩽73	⩽73
Water inlet/outlet size		----		DN40(Internal)	DN40(Internal)	DN40(Internal)	DN50(Internal)	DN50(Internal)	DN65(Internal)	DN80(Flange)	DN80(Flange)	DN100(Flange)
Circulating water flow rate		m^3/h		10	12	15	20	25	30	40	50	60
Pressure drop		kPa		45	45	45	48	48	48	48	48	48
Net weight		Kg		340	370	440	630	710	780	1030	1080	1210
Dimensions	L	mm		1420	1420	1420	1920	1920	1920	1920	1920	1920
	W	mm		920	920	920	1020	1020	1020	2040	2040	2040
	H	mm		1600	1600	1600	1850	1850	1975	1850	1850	1975

Remarks:

1. A24/W26 condition: 24℃ DB, 19℃ WB, inlet water temperature 26℃;
2. A20/W26 condition: 20℃ DB, 15℃ WB, inlet water temperature 26℃;
3. A7/W26 condition: 7℃ DB, 6℃ WB, inlet water temperature 26℃;
4. A2/W26 condition: 2℃ DB, 1℃ WB, inlet water temperature 26℃;
5. A-12/W26 condition: -12℃ DB, -14℃ DB, inlet water temperature 26℃;
6. A-20/W26 condition: -20℃ DB, inlet water temperature 26℃;
7. Cooling condition: 35℃ DB, 27℃ CWB, inlet water temperature 28℃;

Due to the continuous improvement of products, the actual data will be subject to change, please refer to the nameplate.

LOW TEMPERATURE L-TYPE SWIMMING POOL HEAT PUMP

LASWIM low temperature L-type pool heat pump is designed with large air volume and has superior heating performance even at low temperature of -15℃， ultra-low temperature unit can be workable at -25℃.The design and specification of this series heat pump is specially suitable for large or medium-sized swimming pool and water environment projects, such as natatorium, sports center, school swimming pool, hot spring, water park, real estate clubs and other large or medium-sized indoor swimming pool and water environment projects.

Features：

- **Strong heating capacity**
  With air intake from four sides to maximize the heat exchange area, this series heat pump has strong heating capacity even in low temperature or ultra-low temperature environments, to achieve the best performance.
- **Environmental refrigerant**
  Using R410A high efficiency refrigerant, safe and environmental.
- **Small footprint**
  Adopt upper and lower structure, with small footprint, not only can effectively reduce the cost of transportation, but also very suitable for compact space construction and installation.
- **Simple maintenance**
  Enclosure board disassembly is very convenient, and the daily maintenance and maintenance of core components is very simple.
- **Durable**
  The use of high-quality accessories for durable and long life span.
- **Special design for large and medium-sized water environment projects**
  Heating capacity from 160KW to 225KW (other specifications can be customized), suitable for various large and medium-sized swimming pools and water environment projects, can be modular assembly according to actual needs, simple operation and intelligent control.

Strong heating capacity | Quiet operation | Constant temperature | Safe and reliable | Energy-efficient | Good corrosion resistance

Technical parameters

Model			LAS140-KP-L	LAS180-KP-L	LAS210-KP-L
A24/W26 Condition	Heating capacity	kW	181.4	217.5	254.0
	COP	----	6.71	6.74	6.70
A20/W26 Condition	Heating capacity	kW	160.8	192.8	225.2
	COP	----	6.07	6.09	6.06
A2/W26 Condition	Heating capacity	kW	112.4	134.8	157.2
	COP	----	4.24	4.26	4.23
A-6/W26 Condition	Heating capacity	kW	95.6	114.8	134.0
	COP	----	3.61	3.63	3.61
Cooling condition (35℃)	Cooling capacity	kW	107.2	128.8	150.0
	EER	----	3.49	3.51	3.48
Power supply	----			380V/3N~/50Hz	
Rated input power	kW		26.5	31.6	37.2
Rated input current	A		47.3	56.5	66.4
Max. input power	kW		47.2	56.8	66.0
Max. input current	A		79.2	95.2	110.8
Max. outlet water temperature	℃			40	
Grade of waterproof	----			IPX4	
Anti-shock type	----			I	
Operating air temperature	℃			-15℃~43℃	
Heat exchanger	----			PVC+Titanium	
System max. pressure	MPa			4.2	
Refrigerant	----			R410A	
Noise	dB (A)		⩽73	⩽73	⩽73
Water inlet/outlet size	----		DN80(Flange)	DN80(Flange)	DN100(Flange)
Circulating water flow rate	m^3/h		40	50	60
Pressure drop	kPa		56	58	60
Net weight	Kg		1000	1050	1180
Dimensions	L	mm	2255	2255	2255
	W	mm	1405	1405	1405
	H	mm	2350	2350	2350

Remarks:

1. A24/W26 condition: 24°C DB, 19°C WB, inlet water temperature 26°C;
2. A20/W26 condition: 20°C DB, 15°C WB, inlet water temperature 26°C;
3. A2/W26 condition: 2°C DB, 1℃ WB, inlet water temperature 26° C;
4. A-6/W26 condition: -6°C DB, -7℃ WB, inlet water temperature 26° C;
5. Cooling condition: 35°C DB, 24°C WB, inlet water temperature 28° C;
6. Due to the continuous improvement of products, the actual data will be subject to change without prior notice, please refer to the nameplate.

ULTRA-LOW TEMPERATURE L-TYPE SWIMMING POOL HEAT PUMP

Technical parameters

Model			LAS140-KPC-L	LAS180-KPC-L	LAS210-KPC-L
A24/W26 Condition	Heating capacity	kW	190.4	228.3	266.7
	COP	----	6.82	6.85	6.81
A20/W26 Condition	Heating capacity	kW	168.8	202.4	236.4
	COP	----	6.17	6.19	6.16
A7/W26 Condition	Heating capacity	kW	130.0	156.0	182.0
	COP	----	4.75	4.77	4.74
A2/W26 Condition	Heating capacity	kW	118.0	141.6	165.2
	COP	----	4.31	4.33	4.30
A-12/W26 Condition	Heating capacity	kW	88.4	106.0	123.6
	COP	----	3.23	3.24	3.22
A-20/W26 Condition	Heating capacity	kW	74.4	89.2	104.0
	COP	----	2.72	2.73	2.71
Cooling condition (35℃)	Cooling capacity	kW	112.4	134.8	157.2
	EER	----	3.54	3.36	3.53
Power supply		----		380V/3N~/50Hz	
Rated input power		kW	27.4	32.7	38.4
Rated input current		A	48.9	58.4	68.5
Max. input power		kW	47.2	56.8	66.0
Max. input current		A	79.2	95.2	110.8
Max. outlet water temperature		℃		40	
Grade of waterproof		----		IPX4	
Anti-shock type		----		I	
Operating air temperature		℃		-25℃~43℃	
Heat exchanger		----		PVC+Titanium	
System max. pressure		MPa		4.2	
Refrigerant		----		R410A	
Noise		dB (A)	⩽73	⩽73	⩽73
Water inlet/outlet size		----	DN80(Flange)	DN80(Flange)	DN100(Flange)
Circulating water flow rate		m^3/h	40	50	60
Pressure drop		kPa	56	58	60
Net weight		Kg	1030	1080	1230
Dimensions	L	mm	2255	2255	2255
	W	mm	1405	1405	1405
	H	mm	2350	2350	2350

Remarks:

1. A24/W26 condition: 24℃ DB, 19℃ WB, inlet water temperature 26℃;
2. A20/W26 condition: 20℃ DB, 15℃ WB, inlet water temperature 26℃;
3. A7/W26 condition: 7℃ DB, 6℃ WB, inlet water temperature 26℃;
4. A2/W26 condition: 2℃ DB, 1℃ WB, inlet water temperature 26℃;
5. A-12/W26 condition: -12℃ DB, -14℃ DB, inlet water temperature 26℃;
6. A-20/W26 condition: -20℃ DB, inlet water temperature 26℃;
7. Cooling condition: 35℃ DB, 27℃ CWB, inlet water temperature 28℃;

Due to the continuous improvement of products, the actual data will be subject to change, please refer to the nameplate.

FULL INVERTER COMMERCIAL SWIMMING POOL HEAT PUMP

LASWIM full DC inverter commercial heat pump for swimming pool utilizes advanced inverter technology. By precisely adjusting the fan and compressor's operating speed, it can adjust the output according to actual demand. While achieving energy-saving constant temperature, it is quieter and smarter.
This heat pump is specially optimized for low-temperature environments and can operate efficiently at a low ambient temperature of -20℃, making it an ideal choice for maintaining constant water temperature in various locations, such as swimming pools, hot spring resorts, and water parks.

Features:

- Full DC inverter technology, providing more energy-efficient and effective pool heating.
- Intelligent operation modes with various settings, offering 30% more heat compared to traditional on/off heat pump.
- Operates in silent mode during late nights, ensuring a quiet environment .
- Large LED screen for easy status checking.
- Environmentally friendly R410A refrigerant.
- Optimal performance options available for large scale pools.
- Automatic fast defrosting through cyclic inverter operation.
- Remote control via smart phone app (free).
- Refrigerant throttling for stable high efficiency.
- Intelligent detection, control, and anti-freeze protection.

DC
DC inverter compressor

Automatic defrost

-20℃
Adaptation to low temperatures

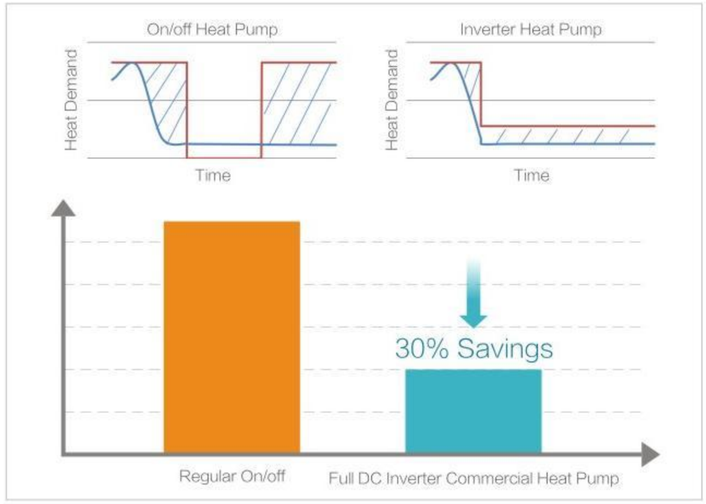
Ultra-quiet operation

Excellent corrosion resistance

R410A
Environmentally friendly refrigerant

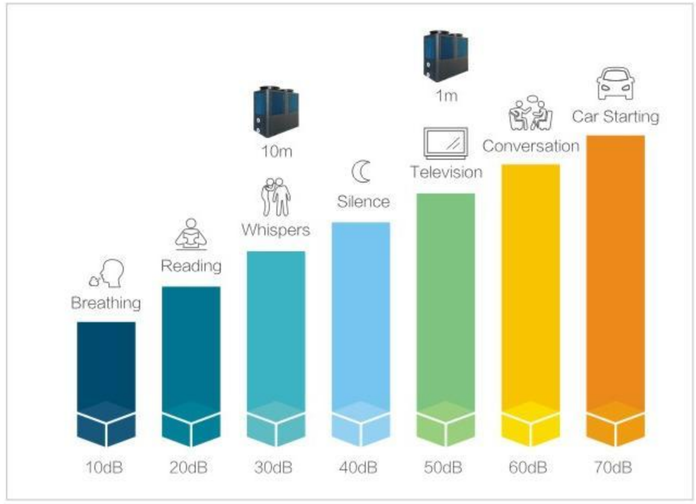
• Full DC Inverter Energy Saving Technology

During the initial heating phase, the inverter heat pump operates at high speed to warm up the pool quickly. During the swimming season, it operates at a lower speed when maintaining a constant water temperature, ensuring more stable operation without the need for frequent starts and stops, thereby achieving efficient energy savings.



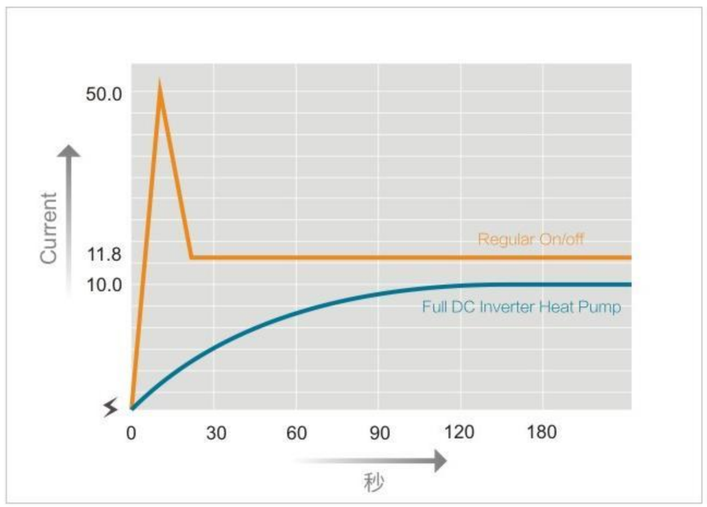
• Ultra-quiet Operation

Adopts specially designed fan blades, not only saves energy, but also helps reduce operational noise by 20%. Noise level at 1 meter is similar to TV , and noise level at 10 meters is equivalent to human whispers.



• Soft Start

During startup, its soft start technology prevents sudden power fluctuations, thereby protecting the circuit.



• Wide Climate Application

It can adapt to a wide range of climates, maintaining stable operation from -20℃ to 43℃.

High-Quality Components

• Imported Brand Inverter Compressor:

Equipped with multiple inverter compressors and optimized operation, this series of inverter heat pumps has a COP of up to 10 and significantly reduced noise levels.

• High-Quality Variable Frequency Fan:

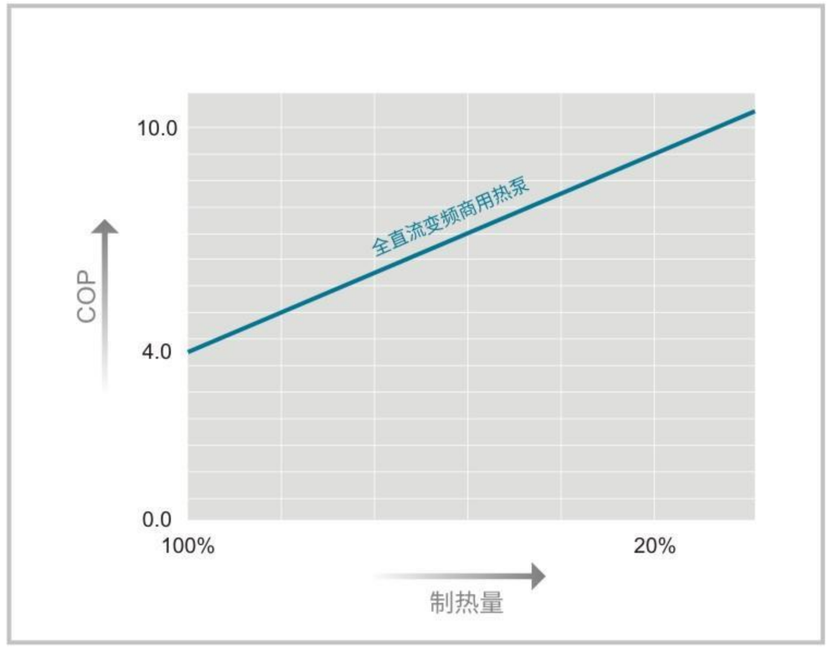
High-performance DC inverter fan with a compact integrated design, facilitating maintenance, reducing noise, and enhancing performance.

• Extra-large Finned Condenser:

Adopting anti-frost coating fins and corrugated edge spoiler, which further enhances the effect of the spoiler on the strong wind side, improves the heat transfer coefficient, prolongs the frost-free operation time and improves the SCOP.

• Optimized Structure and Anti-corrosion Coated Sheet Metal:

Special processing techniques are applied to the materials and surfaces, widely recognized for their corrosion resistance and quality in withstanding wind and rain.



FULL INVERTER COMMERCIAL SWIMMING POOL HEAT PUMP

Technical parameters

Model		LAS35-KP-BPL(RaA)	LAS52-KP-BPL(RaA)	LAS70-KP-BPL(RaA)	LAS105-KP-BPL(RaA)
			Performance conditions: Air: 20℃ / Water: 26℃		
Max. Heating Capacity	kW	42.0	52.3	85.2	105.0
Heating Capacity	kW	12.8-42.0	15.8-52.3	29.2-85.2	32.0-105.0
COP	----	9.7-5.1	9.6-5.1	9.6~5.0	9.8~5.2
Average COP (50% operating speed)	----	7.5	7.5	7.4	7.6
			Performance conditions: Air: 15℃ / Water: 26℃		
Max. Heating Capacity	kW	37.5	47.2	72.0	94.5
Heating Capacity	kW	13-37.5	15-47.2	26.3-72	27.7-94.5
COP	COP	8.1-4.2	8.2-4.6	8.2-4.3	8.4-4.7
Average COP (50% operating speed)	----	6.1	6.3	6.2	6.5
			Performance conditions: Air: 7℃ / Water: 26℃		
Max. Heating Capacity	kW	33.0	40.9	66.0	80.0
Heating Capacity	kW	9.3-33	11-40.9	18.3-66	20.0-80.0
COP	----	5.02-3.45	5.3-3.61	5.02-3.45	6.0~4.0
Average COP (50% operating speed)	----	4.5	4.8	4.4	5.0
			Performance conditions: Air: -7℃ / Water: 26℃		
Max. Heating Capacity	kW	20.5	27.6	40.5	47.5
Heating Capacity	kW	6.5-20.5	7.1-27.6	12.8-40.5	13.5-47.5
COP	----	4.1-2.85	4.2-2.84	4.1-2.83	4.1-2.82
Average COP (50% operating speed)	----	3.6	3.5	3.6	3.5
			Performance conditions: Air: -12℃ / Water: 26℃		
Max. Heating Capacity	kW	16.5	24.6	32.5	40.5
Heating Capacity	kW	6.5-16.5	7.1-24.6	12.8-32.5	13.5-40.5
COP	----	3.9-2.52	3.9-2.54	3.9-2.58	3.9-2.51
Average COP (50% operating speed)	----	2.8	2.9	2.7	2.7
			Performance conditions: Air: -20℃ / Water: 26℃		
Max. Heating Capacity	kW	13.5	19.6	27.8	37.5
Heating Capacity	kW	5.2-13.5	6.5-19.6	10.5-27.8	11.6-37.5
COP	----	3.4-2.11	3.5-2.1	3.4-2.11	3.5-1.8
Average COP (50% operating speed)	----	2.5	2.6	2.6	2.5

FULL INVERTER COMMERCIAL SWIMMING POOL HEAT PUMP

Technical parameters

Model		LAS35-KP-BPL(RaA)	LAS52-KP-BPL(RaA)	LAS70-KP-BPL(RaA)	LAS105-KP-BPL(RaA)
Operating Ambient Temperature	℃	-20℃-43℃			
Power Supply	----	380V/3N~/50Hz			
Heat Exchanger	----	PVC+Titanium			
Compressor	----	Scroll Compressor			
Refrigerant	----	R410A			
Rated Input Power	kW	1.2-7.5	1.6-11.1	2.1-14.5	3.3-20.2
50% Operating Speed Input Power	kW	2.8	3.5	5.8	10.1
Rated Input Current	A	1.8-11.5	2.4-17.2	3.2-22.2	5.1-40.0
Maximum Input Current	A	14.4	22.0	28.0	55.0
Maximum Input Power	kW	9.4	14.3	18.2	25.0
Waterproof rating	----	IPX4			
Electric Shock Protection	----	Class I			
Maximum System Pressure	MPa	4.2			
Recommended Power Cable	mm²	5×4.0	5×4.0	5×6.0	5×10.0
Fan Speed	rpm	450-1000	450-1000	450-1000	450-1000
Noise at 1m	dB(A)	55.0~64	56~65	55.0~64	56.8~65
1m Noise at 50% Operating Speed	dB(A)	53.9	56.6	58.5	60.5
Noise at 10m	dB(A)	26.5~50.2	27.5~51.2	28.5~52.2	29.5~53.2
Recommended Water Flow Rate	m³/h	12~18	15~23	25~36	30~45
Inlet/Outlet Size	mm	DN50 (Internal Thread Connection)	DN50 (Internal Thread Connection)	DN80 (Flange Connection)	DN80 (Flange Connection)
Water Pressure Drop	kPa	40	40	45	45
Net Weight	kg	260	290	450	580
Dimensions	mm	1550×520×1650	1550×520×1650	1950×1020×2130	1950×1020×2130

Note: The above data may be subject to change without further notice. Please refer to the nameplate parameters for the accurate information.

DEHUMIDIFIER

- MOVEABLE DEHUMIDIFICER
- WALL MOUNTED DEHUMIDIFIER

MOVEABLE DEHUMIDIFIER

Features:

- Microcomputer fully automatic control.
- Large LCD display of current ambient temperature, humidity and operating status.
- Unique humidity of 1%RH adjustable function, humidity setting range is 10%-98%.
- 1-24 hours' timer shutdown function.
- Efficient automatic defrost system, suitable for use under low temperature.
- Perfect system fault automatic diagnosis function, can quickly diagnose the operation fault .
- The bottom is equipped with a universal wheel(Not applicable to WL-CF20KT and WL-CF40KT), which can move freely.
- High-quality centrifugal fan, strong wind, uniform airflow and low noise.
- International brand compressor, stable performance, long-lasting and strong dehumidification effect.

Technical parameters

Model	WL-CF6.8DT	WL-CF7.5KT	WL-CF12KT	WL-CF20KT	WL-CF40KT
Adjustment range	10%~98%RH	10%~99%RH	10%~98%RH	10%~98%RH	10%~98%RH
Control precision	±3%RH	±3%RH	±3%RH	±3%RH	±3%RH
Power supply	220v ~ 50Hz	380v 3N~ 50Hz	380V 3N~50Hz	380V 3N~50Hz	380V 3N~50Hz
Dehumidification (27℃/60%RH)	4.1kg/h	4.8kg/h	6.9kg/h	13.1kg/h	24kg/h
Dehumidification (30℃/80%RH)	6.8kg/h	7.5kg/h	12kg/h	20kg/h	40kg/h
Dehumidification (35℃/90%RH)	8.6kg/h	9.0kg/h	14.6kg/h	25.1kg/h	52kg/h
Rated power (27℃/60%RH)	1900W	2400W	3200W	5500W	11500W
Rated power (30℃/80%RH)	2300W	2900W	4000W	6800W	15500W
Rated power (35℃/90%RH)	2900W	3500W	5000W	8500W	18500W
Air volume (m^3/h)	1200	1200	2000	3500	9000
Refrigerant type	R22	R410A	R410A	R22	R410A
Type of protection	I	I	I	I	I
Dimensions (mm)	615×405×1550	615×405×1550	763×472×1680	1200×475×1745	1440×700×1890
Net weight (kg)	84	88	125	204	382

Remarks:

- The data is subject to change without prior notice due to product improvement.

WALL MOUNTED DEHUMIDIFIER

Features:

- Microcomputer automatic control.
- LCD display of current ambient temperature and humidity.
- Unique humidity of 1%RH adjustable function.
- 1-24 hours' timer shutdown function.
- Efficient automatic frost system, suitable for use under low temperature.
- Window-type hydrophilic aluminum foil fins greatly improve heat exchange energy efficiency.
- Intelligent control system, can quickly determine the cause of failure.
- High-quality centrifugal fan, strong wind, uniform airflow and low noise.
- International brand compressor, stable performance, long-lasting and strong dehumidification effect.

Technical parameters

Model	WL-CFB5.0D
Dehumidification	5kg/h
Adjustment range	10-98%RH
Control precision	±3%RH
Power supply	220V~50Hz
Rated power	1550W
Air volume (m^3/h)	1300
Refrigerant type	R22
Net weight (kg)	57kg
Dimensions (mm)	802×291 ×800
Recommended area (m^2)	130-150

Remarks:

- The data is subject to change without prior notice due to product improvement.

Director: Angel Wang
Export Supervisor: Annie Chen

Email: angel@laswimwater.com
Email: annie@laswimwater.com

Tel: (0086)760 2312 7666, ext.310
Tel: (0086)760 2312 7666, ext.319

Guangdong Laswim Water Environment Equipment Co.,Ltd.

Factory Add: No.16, Jianye Road, Shenghui South Industrial Park, Nantou,
Zhongshan City, Guangdong Province, 528427, P. R. China
Tel: (0086)760-2312 7666 Fax: (0086)760-2312 7299

www.laswimwater.com