

ASKA C9-SPHP

CATALOGUE

SWIMMING POOL HEAT PUMP
TO EXTEND YOUR SEASON



اسكا للهندسة التكييف



RANGE 3 TR ONWARDS

SINCE 1994

INTRODUCTION

The Cloud 9 - SPHP series from Aska has the greatest and most dependable parts, extending their lifespan and improving performance, making them the most effective pool heat pump on the market.

Our primary competency is the development of Cloud-9 heat pump technology, and we concentrate on adopting the best components for each of the many products in our extensive line.

- Guaranteed heating no matter the weather.
- Immediate switch to cooling if the client requires.
- Extend your season even further.
- Heating and cooling according to the client / weather required.
- Designed for both extended season and all year - round heating / cooling.
- Titanium quality.

Aska's Cloud 9 SPHP series is specifically created for the climatic conditions of the GCC. It is a highly energy-efficient pool heating/cooling system, has a straightforward, cost-effective design, and comes in a variety of models with premium features. The highest standards of quality are ensured for the global market by a group of professionals. To adhere to international standards and market deadlines, delivery schedules are quickly carried out. We offer supply and installation services throughout the UAE, including in Dubai, Sharjah, Ajman, Abu Dhabi, Ras Al Khaimah, and Al Ain. Additionally, we export our goods to Saudi Arabia, Kenya, Jordan, Bahrain, Oman, Kuwait, Qatar, and a large number of other GCC countries.

KEY FEATURES OF C9-SPHP SERIES

- Superior technology supports the capacity system.
- Includes a titanium heat exchanger to stop rust and corrosion.
- For individualized use, set the temperature to cold to 45 degrees Celsius.
- Reduced noise production
- It is simple to install
- In order to guarantee sturdiness and lifespan, the outside material is created of premium materials.
- Supported by temperature control technologies
- Superior post-purchase support
- Greatest competitive rates

(All these models can be customized according to our customer's requirements)

SPECIFICATION FOR C9-SPHP SERIES

- Digital Controller
- Hydrophilic Fin Coil Coating
- Rustproof & Anti-Corrosive
- Fan Design (Whisper Quiet)
- Reverse Cycle Defrost
- Internal Flow Switches
- Built In Drains
- Slim Line Design
- Ozone Friendly & Highly Efficient Refrigerant (R410A R407)
- World Class Sophistication
- Energy Efficient

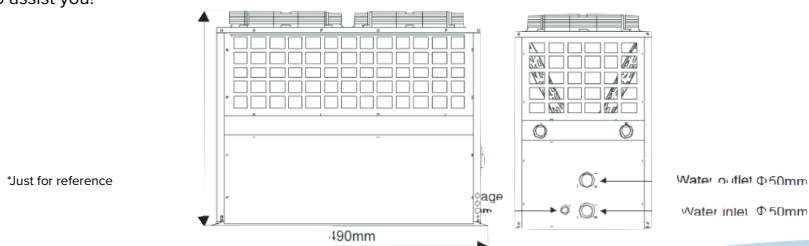
Model no.	Unit	C9-22-17HC	C9:42-35HC	C9:64-53HC	C9:85-70HC	C9:114-94HC
Heating capacity	kW	21.5	42.4	64	85	114
Cooling capacity	kW	17.5	35	52.5	70	94
Suggested pool capacity	M	35-55	70-100	105-150	160-210	220-300
Power input	kW	3.95	7.9	11.9	15.9	21
Power supply	V/Ph/Hz	380/3/50				
Compressor	Type/ Brand	Copeland / Scroll				
Compressor	QTY	1	2	3	4	4
Fan	Type	Axial				
Fan	QTY	1	2	3	2	3
Refrigerant		R22				
Refrigerant control		Electronic expansion valve				
Heat Exchanger		Titanium Heat exchanger				
Defrosting		Four way valve reverse defrosting				
Nominal water flow	5/Hr	7.3	12.2	18.4	24.4	30.5
Sound level	dB(A)	56	60	62	60	62
Pool water temperature	DegC	Min: +26/ Max: +32				
Outdoor Temp limit	DegC	Min: 10/ Max:+52				
Degree of protection		IPEX - 14				
Weight	KG	137	255	331	735	970
Dimensions (LxWxH)	Mm	820x700x1380	1500x700x1380	2140x900x1560	2177x1070x2230	2853x1070x2230

Model no.	SPHP-9-7.7	SPHP-16-10	SPHP-23-15	SPHP-30-19.5	SPHP-60-40
Heating capacity kW	9	16	23	30	60
C.O.P (air 26 deg C, water 26 deg C)	>6				
Cooling capacity kW	6	10	15	19.5	40
C.O.P (air 43 deg C, water 32 deg C)	>3.5				
Suggested pool volume m3	30-40	50-80	80-110	100-150	200-300
Operating range - Air (deg C)	0-55				
Operating range - Water (deg C)	7-35				
Advised water Flux m3/h	5	6.5	10		15
Rated Power/Max. Power kW	1.4/1.8	2.4/3.1	3.8/5.6	4.5/6.3	9.0/12.6
Power supply	220-240v/1Ph/50Hz			380-415V/3Ph/50Hz	
Rated current/Max Current A	6.4/8.2	10.9/14.1	17.3/26	6.8/9.6	13.7/19
Heat Exchanger	Titanium in PVC				
Compressor	Rotary		Scroll		
Fan direction	Horizontal		Vertical		
Noise level dB	<48	<56		<58	<66
Water pipe in/out inches	1.5				
Net dimensions LxWxH (mm)	940x285x550	700x650x730		700x680x950	1500x750x1000
Packing dimensions LxWxH (mm)	1020x360x620	750x730x800		780x740x1000	1600x850x1100
Net/Gross weight	52/57	85/93	107/117	127/137	248/280

ENERGY EFFICIENT SWIMMING POOL HEAT PUMP

At Aska, we take pride in providing hassle-free installation for our selection of pool heat pumps. Our skilled specialists offer our professional installation service, which comes with a satisfaction and reliability guarantee, in all major cities.

Our staff has in-depth knowledge of regional weather patterns, safety laws, and technical specifications to guarantee that your heat pump operates at peak efficiency wherever you are. We can also assist you with locating your heat pump on your property so that it will have the best possible airflow for efficiency. Please get in touch with us right away to learn more about our installation services or how heat pumps operate. We are always available to assist you!



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