

SPRSUN CGKS 9 air to water heat pump (Heating series)

Model	Unit	CGKS 9
Power supply	V	220V~240V/50Hz/1ph
Refrigerant		R410A
Heating capacity	KW (A7/W35)	7.58
Input power		1.78
COP(A7/W35)		4.27
Heating capacity	KW (A20/W55)	8.74
Input power		2.38
COP(A20/W55)		3.67
Rated current	A	11.3
Fan motor power	W	40
Fan motor quantity	Piece	1
Condenser		Tube in shell heat exchanger
Water flow	L/h	1785
Water pressure drop	Kpa	≤27
Net weight	kg	62
Gross weight	kg	65
Noise	db	45
Classification of waterproof		IPX4
Electric shock proof grade		I
Pipe size (internal thread)	mm	DN20
Dimension	mm	1006*350*618
Packing dimension	mm	1070*380*650
Compressor model/quantity		Panasonic Rotary 5VS270E
Water pump		Wilco RS15-6
<p>● Rated working condition: dry-bulb temp: 20°C, wet-bulb temp: 15°C, cool water temp: 15°C, hot water temp: 55 °C.</p>		

Heating capacity at different working condition (KW)				
Air temp °C	Outlet water temperature °C			
	W 35	W45	W55	W60
A -7	4.36	4.23	4.02	3.74
A 0	6.23	6.05	5.75	5.34
A 2	6.70	6.50	6.18	5.75
A 5	7.20	6.99	6.64	6.18
A 7	7.58	7.36	6.99	6.50
A 12	8.53	8.28	7.87	7.32
A 20	9.48	9.20	8.74	8.13

COP				
Air temp °C	Outlet water temperature °C			
	W 35	W45	W55	W60
A -7	3.07	2.46	2.16	1.80
A 0	3.85	2.90	2.55	2.12
A 2	4.07	3.08	2.71	2.25
A 5	4.26	3.28	2.89	2.39
A 7	4.27	3.42	3.01	2.49
A 12	4.74	3.79	3.34	2.77
A 20	5.13	4.17	3.67	3.05