

## SPRSUN CGKS 5.5 air to water heat pump (Heating series)

Model	Unit	CGKS 5.5
Power supply	V	220V~240V/50Hz/1ph
Refrigerant		R410A
Heating capacity	KW (A7/W35)	4.53
Input power		1.06
COP(A7/W35)		4.27
Heating capacity	KW (A20/W55)	5.23
Input power		1.43
COP(A20/W55)		3.67
Rated current	A	6.7
Fan motor power	W	30
Fan motor quantity	Piece	1
Condenser		Tube in shell heat exchanger
Water flow	L/h	1051
Water pressure drop	Kpa	≤18
Net weight	kg	46
Gross weight	kg	52
Noise	db	42
Classification of waterproof		IPX4
Electric shock proof grade		I
Pipe size (internal thread)	mm	DN20
Dimension	mm	970*300*550
Packing dimension	mm	1040*330*580
Compressor model/quantity		Mitsubishi Rotary RN145V
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	2.61	2.53	2.40	2.24
A 0	3.72	3.62	3.43	3.19
A 2	4.00	3.89	3.69	3.43
A 5	4.31	4.18	3.97	3.69
A 7	4.53	4.40	4.18	3.89
A 12	5.10	4.95	4.70	4.37
A 20	5.67	5.50	5.23	4.86

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