

SPRSUN CGKS 3.5 air to water heat pump (Heating series)

Model	Unit	CGKS 3.5
Power supply	V	220V~240V/50Hz/1ph
Refrigerant		R410A
Heating capacity	KW (A7/W35)	3.13
Input power		0.73
COP(A7/W35)		4.27
Heating capacity	KW (A20/W55)	3.61
Input power		0.98
COP(A20/W55)		3.67
Rated current	A	4.6
Fan motor power	W	30
Fan motor quantity	Piece	1
Condenser		Tube in shell heat exchanger
Water flow	L/h	726
Water pressure drop	Kpa	≤15
Net weight	kg	40
Gross weight	kg	45
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 KN104V
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	1.80	1.75	1.66	1.54
A 0	2.57	2.50	2.37	2.21
A 2	2.77	2.69	2.55	2.37
A 5	2.97	2.89	2.74	2.55
A 7	3.13	3.04	2.89	2.69
A 12	3.52	3.42	3.25	3.02
A 20	3.91	3.80	3.61	3.36

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