

SPRSUN CGK 030

Air to water heat pump (Heating series)



Model	Unit	CGK 030
Power supply	V	220V~240V/50Hz/1ph
Refrigerant		R410A
Heating capacity	KW	9.50
Input power	(A7/W35)	2.13
COP(A7/W35)		4.45
Heating capacity	KW	9.35
Input power	(A20/W55)	2.48
COP(A20/W55)		3.77
Rated current	A	10.2
Fan motor power	W	100
Fan motor quantity	Piece	1
Condenser		Copper Plate heat exchanger
Water flow	L/h	1634
Water pressure drop	Kpa	20
Net weight	kg	88
Gross weight	kg	116
Noise	db	59
Classification of waterproof		IPX4
Electric shock proof grade		I
Pipe size (internal thread)	mm	DN25
Net Dimension	mm	1100*475*810
Packing dimension	mm	1220*540*970
Compressor model/quantity		Panasonic Rotary 5KD240ZFA21

Heating capacity at different working condition (KW)			
Air temp °C	Outlet water temperature °C		
	W 35	W45	W55
A -20	4.39	3.72	1.12
A -15	5.85	4.96	1.49
A -7	7.19	6.98	4.33
A 2	8.46	8.22	7.97
A 7	9.50	8.93	8.48
A 12	9.98	9.38	8.91
A 20	10.47	9.85	9.35

COP			
Air temp °C	Outlet water temperature °C		
	W 35	W45	W55
A-20	2.48	1.87	1.35
A-15	2.92	2.13	1.53
A -7	3.44	2.92	2.10
A 2	3.74	3.32	2.72
A 7	4.45	3.60	2.96
A 12	4.85	4.00	3.28
A 20	5.43	4.60	3.77