

# SPRSUN CGK 040

## Air to water heat pump (Heating series)



Model	Unit	CGK 040
Power supply	V	220V~240V/50Hz/1ph
Refrigerant		R410A
Heating capacity	KW (A7/W35)	5.75 (min) / 12.50 (max)
Input power		1.03 (min) / 2.81 (max)
C.O.P		4.45 (min) / 5.56 (max)
Cooling capacity	KW (A35/W7)	4.05 (min) / 8.81 (max)
Input power		1.11 (min) / 3.51 (max)
E.E.R		2.51 (min) / 3.65 (max)
Rated current	A	13.4
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	98
Gross weight	kg	126
Noise	db	59
Classification of waterproof		IPX4
Electric shock proof grade		I
Pipe size (internal thread)	mm	DN25
Net Dimension	mm	1100*475*910
Packing dimension	mm	1220*540*1170
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	5.77	4.89	1.47
A -15	7.70	6.52	3.91
A -7	9.46	9.19	8.36
A 2	11.13	10.81	10.49
A 7	12.50	11.75	11.16
A 12	13.13	12.34	11.72
A 20	13.78	12.95	12.31

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