

Monoblock Air Source Heat Pump 6 kW to 18 kW

SOL AIRPOWER Series



Models:

SOL-006HC1

SOL-010HC3

SOL-014HC3

SOL-018HC3



Energy-Efficient

- Efficient Heating+Cooling+DHW performance
- Energy Class A+++
- R32 Refrigerant



Reliable

- Full DC inverter Panasonic compressor
- Intelligent Defrosting Technology
- DC inverter EVI technology can reduce power consumption & improve heating capacity
- Effective heating up to -25 degrees



User-Friendly

- Wi-Fi smart control
- Easy using control panel
- Intuitive application

Model

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Power Supply		V/Ph/Hz	220 ~ 240 / 1 / 50	380 ~ 415 / 3 / 50	380 ~ 415 / 3 / 50	380 ~ 415 / 3 / 50
Nominal Heating (Max) (A7/6°C, W30/35°C)	Heating Capacity	kW	2.50 - 8.30	4.20 - 12.20	5.30 - 16.50	6.20 - 20.50
	Input Power	kW	0.57 - 1.92	0.86 - 2.88	1.15 - 4.15	1.36 - 5.28
	Input Current	A	2.53 - 8.52	1.46 - 4.89	1.86 - 6.70	2.31 - 8.96
	COP	W/W	4.32 - 5.86	4.23 - 5.39	3.97 - 5.43	3.88 - 5.21
Nominal Heating (Max) (A7/6°C, W47/55°C)	Heating Capacity	kW	2.30 - 7.62	3.85 - 11.20	4.90 - 15.10	6.30 - 19.90
	Input Power	kW	0.75 - 2.61	1.13 - 3.75	1.65 - 5.25	1.65 - 6.82
	Input Current	A	3.32 - 11.58	1.92 - 6.37	1.67 - 8.47	2.80 - 11.58
	COP	W/W	2.92 - 3.33	2.99 - 3.46	2.87 - 3.38	2.91 - 3.34
Nominal Cooling (Max) (A35/24°C, W12/7°C)	Cooling Capacity	kW	1.80 - 7.10	2.60 - 10.30	4.50 - 13.50	5.50 - 17.50
	Input Power	kW	0.61 - 2.43	0.91 - 3.65	1.45 - 4.85	1.65 - 6.25
	Input Current	A	2.71 - 10.78	1.55 - 6.20	2.34 - 7.82	2.80 - 10.61
SCOP (Water temp. at 35°C)		/	4.58	4.48	4.50	4.53
SCOP (Water temp. at 55°C)		/	3.23	3.25	3.25	3.28
ERP Level (Outlet water temp. at 35°C)		/	A+++	A+++	A+++	A+++
ERP Level (Outlet water temp. at 55°C)		/	A++	A++	A++	A++
Rated Input Power		kW	2.71	3.83	6.20	7.50
Rated Input Current		A	12	6.5	10.50	13.00
Refrigerant / Weight		/kg	R32 / 1.25	R32 / 1.8	R32 / 2.8	R32 / 3.5
Rated water flow		m ³ /h	1.1	1.75	2.52	3.20
Fan quantity		/	1	1	1	2
Fan motor type		/	DC inverter			
Compressor		/	Panasonic / DC inverter / Rotary / EVI			
Circulating pump		/	Inverter type / Built-in			
IP Class		/	IPX4			
Sound pressure at 1m distance		dB(A)	49	52	54	55
Max outlet water temperature		°C	60	60	60	60
Water piping connections		inch	G1	G1	G1-1/4	G1-1/2
Pressure drop at rating water flow		kPa	25	27	30	32
Operating temperature range (Heating mode)		°C	-25 ~ 45			
Operating temperature range (Cooling mode)		°C	16 ~ 45			
Product Dimensions (LxDxH)		mm	1100 × 445 × 850	1100 × 445 × 850	1110 × 480 × 850	1110 × 445 × 1450
Product Weight		kg	102	107	124	151

Data under nominal conditions. All information is subject to change.

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