

MODEL NO.	Indoor Unit	SAP-KR188EH				SAP-KR228EH			
Outdoor Unit	Outdoor Unit	SAP-CR188EH5		SAP-CR188EH38		SAP-CR228EH5		SAP-CR228EH38	
Performance		Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
Capacity	kW	4.80	6.60	5.15	5.70	5.85	7.00	5.70	7.40
Air-circulation	(High) m ³ /h	760	760	890	890	830	830	830	830
Moisture removal	Liters/h	2.30	–	2.30	–	3.30	–	2.70	–
Electrical Rating		1 phase, 50Hz		3 phase, 50Hz		1 phase, 50Hz		3 phase, 50Hz	
Phase, frequency		230		380-400		230		400	
Voltage rating	V	198-264		342-418		198-264		342-418	
Available voltage range	V								
Running amperes	A	10.00	10.50	4.00	4.20	10.60	11.20	4.80	5.00
Power input	W	2200	2300	1600	1580	2400	2550	2750	3000
Power factor	%	96	95	77	77	98	99	–	–
E.E.R./C.O.P	W/W	2.20	2.90	3.22	3.61	2.40	2.70	2.10	2.46
Features									
Power sound level In. Unit	dB-A	55/51/49	55/51/49	55/51/49	55/51/49	58/55/52	58/55/52	58/55/52	58/55/52
Pressure sound level In. Unit	dB-A	45/42/40	45/42/40	45/42/40	45/42/40	47/45/42	47/45/42	47/45/42	47/45/42
(Measurement conform to JISZ8731) at Quiet mode	dB-A	–	–	–	–	–	–	–	32
Power sound level Out. Unit	(High) dB-A	59	59	54	54	64	64	68	68
Pressure sound level Out. Unit	(High) dB-A	48	48	41	41	51	51	56	56
Controls		Microprocessor				Microprocessor			
Compressor type		Rotary (Hermetic)				Rotary (Hermetic)			
Fan speed		1 Speed (Hi)		3 Speed + Auto (Hi/Lo)		3 Speed + Auto (Hi/Lo)			
Timer		ON/OFF 24 hour & Daily program, 1-hour Off				ON/OFF 24 hour & Daily program, 1-hour Off			
Air-deflection	Horizontal	Manual				Manual			
	Vertical	Auto				Auto			
Air filter		Washable				Washable			
Air clean filter		Dust-collecting & Deodorizing				Dust-collecting & Deodorizing			
Panel		Removable & Washable				Removable & Washable			
Remote controller		With Holder/Address SW				With Holder/Address SW			
Max.allowable at shipment	m	7.5				7.5			
Ref.dia.Na/Wi.Pipe	mm(in)	6.35 (1/4) / 12.7 (1/2)				6.35 (1/4) / 15.88 (5/8)			
Refrigerant type		R407C				R407C			
Dimensions & Weight									
Indoor Unit	H/W/D	mm 285 x 995 x 206				mm 285 x 995 x 206			
Outdoor Unit	H/W/D	mm 630 x 830 x 305				mm 835 x 850 x 305			
Net weight	Indoor Unit	kg 12		kg 12		kg 12		kg 12	
Net weight	Outdoor Unit	kg 52		kg 55		kg 67		kg 70	

Specifications subject to change without notice

Measurements conform to JIS 9612 standards

	Cooling	Heating
Indoor air temperature	27°C D.B./19°C W.B.	20°C D.B./–
Outdoor air temperature	35°C D.B./24°C W.B.	7°C D.B./6°C W.B.

Operating range

	Temperature	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling	Maximum	32°C D.B./23°C W.B.	43°C D.B./–
	Minimum	19°C D.B./14°C W.B.	19°C D.B./–
Heating	Maximum	27°C D.B./–	24°C D.B./18°C W.B.
	Minimum	16°C D.B./–	–8°C D.B./–9°C W.B.