

Technical Specifications

Split-type Air Conditioner

Sr No	Parameter		Unit	Value	Value
1	Model		--	SAC-09SKWN/I	SAC-12SKWN/I
2	Power Supply	Rated Voltage	V~	220-240	220-240
3		Rated Frequency	Hz	50	50
5		Phases	--	1	1
6		Power Supply Mode	--	outdoor	outdoor
7	Cooling(Standard conditions)	Capadty	Btu/h	9000	12000
8		Input	W	650	900
9		Current	A	6	6
10	heating(Standard conditions)	Capadty	Btu/h	9000	12000
11		Input	W	800	1000
12		Current	A	4,5	5
13	Seasonal Cooling	Pdesignc	kW	2,6	3,5
14		SEER	W/W	8,5	8,5
15		Energy Efficiency Class		A+++	A+++

16	Heating(Average)	Pdesignh	kW	2,6	3,2
17		SCOP	W/W	4,6	4,6
18		Energy Efficiency Class		A++	A++
19		Tbiv	°C	-7	-7
28	Cross-sectional Area of Power Cable Conductor		mm ²	1	1
29	Recommended Power Cable(Core)		--	3	3
30	Min/Max. Voltage		V	198/264	198/264
31	Rated Input		W	1600	1700
32	Rated Current		A	9	9
33	Starting Current		A	/	/
34	Air Flow Volume		m ³ /h	700/650/600/500	700/650/600/500
35	Dehumidifying Volume		L/h	0,8	1,4
36	Application Area		m ²	12~18	16-24
37		Indoor Unit Model	--	SAC-09SKWN/I	SAC-12SKWN/I
38		Fan Type	--	Cross-flow	Cross-flow
39		Fan Diameter Length(D×L)	mm	Φ92×680	Φ92×680
40		Fan Diameter Length(D×L)	inch	/	/
41		Cooling Speed	r/min	1200/1100/900/850	1200/1100/900/850

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Indoor Unit

Heating Speed	r/min	1200/1100/900/850	1200/1100/900/850
Fan Motor Power Output	W	20	20
Fan Motor RLA	A	0,24	0,24
Fan Motor Capacitor	μF	/	/
Evaporator Form	--	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
Evaporator Pipe Diameter	mm	φ7	φ7
Evaporator Pipe Diameter	inch	/	/
Evaporator Row-fin Gap	mm	2-1.4	2-1.4
Evaporator Row-fin Gap	inch	/	/
Evaporator Coil Length (L×D×W)	mm	679×25.4×266	679×25.4×266
Evaporator Coil Length (L×D×W)	inch	/	/
Swing Motor Model	--	24BJ-A2	24BJ-A2
Swing Motor Power Output	W	1,5	1,5
Set Temperature Range	°C	16 ~ 31	16 ~ 31
Set Temperature Range	°F	/	/
Sound Pressure Level	dB (A)	43/39/30/25	43/39/30/25
Sound Power Level	dB (A)	/	/
Dimension (W×H×D)	mm	896X295X192	896X295X192

60	Dimension (W×H×D)	inch	/	/
61	Dimension of Carton Box (W×H×D)	mm	971X368X269	971X368X269
62	Dimension of Carton Box (W×H×D)	inch	/	/
63	Dimension of Package(W×H×D)	mm	977x374x278	977x374x278
64	Dimension of Package(W×H×D)	inch	/	/
65	Stacked Layers	—	7	7
66	Net Weight	kg	10,5	10,5
67	Net Weight	lb	/	/
68	Gross Weight	kg	12,5	12,5
69	Gross Weight	lb	/	/
70	Outdoor Unit Model	--	SAC-U09SKWA/I	SAC-U12SKWN/I
71	Compressor Trademark		GMCC	GMCC
72	Compressor Manufacturer	--	GMCC Compressor Appliances Co., Ltd	GMCC Compressor Appliances Co., Ltd
73	Compressor Model	--	KSN98D64UFZ3	KSN98D64UFZ3
74	Compressor Oil	--	ESTER OIL VG74	ESTER OIL VG74
75	Compressor Type	--	Rotary	
76	Compressor LRA.	A	4,65	4,65

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Compressor RLA	A	/	/
Compressor Power Input	W	758	758
Compressor Overload Protector	--	/	/
Fan Type	--	Axial-flow	Axial-flow
Fan Diameter	mm	Φ405	Φ455
Fan Diameter	inch	/	/
Fan Motor Speed	rpm	880	820
Fan Motor Power Output	W	30	55
Fan Motor RLA	A	0,4	0,47
Fan Motor Capacitor	μF	/	/
Outdoor Unit Air Flow Volume	m ³ /h	1800	2800
Condenser Form	--	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
Condenser Pipe Diameter	mm	φ7	φ7
Condenser Pipe Diameter	inch	/	/
Condenser Rows-fin Gap	mm	2-1.4	2-1.4
Condenser Rows-fin Gap	inch	/	/
Condenser Coil Length (L×D×W)	mm	742×38.1×506	869×38.1×572
Condenser Coil Length (L×D×W)	inch	/	/

Outdoor Unit

95	Permissible Excessive Operating Pressure for the Discharge Side	MPa	4,3	4,3
96	Permissible Excessive Operating Pressure for the Suction Side	MPa	2,5	2,5
97	Maximum Allowable Pressure	MPa	4,3	4,3
98	Cooling Operation Ambient Temperature Range	°C	18~43	18~43
99	Heating Operation Ambient Temperature Range	°C	-15~24	-15~24
	Heating Operation Ambient Temperature Range (with low abient)	°C	-25~24	-25~24
100	Cooling Operation Ambient Temperature Range	°F	/	/
101	Throttling Method	--	EEV	EEV
102	Defrosting Method	--	Intelligent	Intelligent
103	Climate Type	--	T1	T1
104	Climate Zone	--	Temperate Zone	Temperate Zone
105	Isolation	--	I	I
106	Moisture Protection	--	IPX4	IPX4
107	Sound Pressure Level	dB (A)	52	53
108	Sound Power Level	dB (A)	62	63
109	Dimension (W×H×D)	mm	830x540x325	890x598x372
110	Dimension (W×H×D)	inch	/	/
111	Dimension of Carton Box (W×H×D)	mm	876x585x363	938x647x409

112		Dimension of Carton Box (W×H×D)	inch	/	/
113		Dimension of Package(W×H×D)	mm	879x605x366	941x663x412
114		Dimension of PackageW×H×D)	inch	/	/
115		Stacked Layers	--	5	5
116		Net Weight	kg	30	38
117		Net Weight	lb	/	/
118		Gross Weight	kg	32,5	41
119		Gross Weight	lb	/	/
120		Refrigerant	--	R32	R32
121		Refrigerant Charge	kg	0,8	0,9
122		Refrigerant Charge	oz	/	/
123	Connection Pipe	Length	m	5	5
124		Length	ft	/	/
125		Gas Additional Charge	g/m	20	20
126		Gas Additional Charge	oz/ft.	/	/
127		Outer Diameter of Liquid Pipe(Skyworth Allocation)(Metric)	mm	φ6	φ6
128		Outer Diameter of Liquid Pipe(British System Allocation)	inch	1/4"	1/4"
129		Outer Diameter of Gas Pipe(Skyworth Allocation)(Metric)	mm	φ9.52	φ9.52

130		Outer Diameter of Gas Pipe(British System Allocation)	inch	3/8"	3/8"
131		Max Distance Height	m	10	10
132		Max Distance Height	ft	32.8	32.8
133		Max Distance Length	m	20	20
134		Max Distance Length	ft	65.6	65.6
135	Loading Quantity	Loading Quantity (20' Container)	unit	96	81
136		Loading Quantity (40' Container)	unit	204	170
137		Loading Quantity (40' High Cube Container)	unit	230	195