

Technical Specifications

Portable Air Conditioners

Sr No	Parameter	Unit	
1	Model	--	GPC09AM-K5NNA1A
2	Product Code	--	CK010035900
3	Power Supply	Rated Voltage	V~ 220-240
		Rated Frequency	Hz 50
		Phases	--
4	Cooling Capacity	W	2600
5	Cooling Capacity	Btu/h	8870
6	Heating Capacity	W	/
7	Heating Capacity	Btu/h	/
8	Cooling Power Input	W	1000
9	Heating Power Input	W	/
10	Cooling Power Current	A	4.40
11	Heating Power Current	A	/
12	Rated Input	W	1150
13	Rated Current	A	5.5
14	Heater Power Input	W	/
15	EER	W/W	2.60
16	EER	(Btu/h)/ W	8.9
17	COP	W/W	/
18	COP	(Btu/h)/ W	/
19	Air Flow Volume(H/M/L)	m ³ /h	320/290/260
20	Air Flow Volume(H/M/L)	CFM	188.32/170.665/153.01
21	Dehumidifying Volume	L/h	1.43
22	Dehumidifying Volume	Pint/h	3.02
23	Application Area	m ²	10-16
24	Sound Pressure Level	dB (A)	53/51/49
25	Sound Power Level	dB (A)	64/63/62
26	Permissible Excessive Operating Pressure for the Discharge Side	MPa	3
27	Permissible Excessive Operating Pressure for the Suction Side	MPa	1.5
28	Maximum Allowable Pressure	MPa	3
29	Set Temperature Range	°C	16 ~ 30
30	Set Temperature Range	°F	61 ~ 86

31	Cooling Operation Ambient Temperature Range	°C	16 ~ 35
32	Cooling Operation Ambient Temperature Range	°F	61 ~ 95
33	Heating Operation Ambient Temperature Range	°C	/
34	Heating Operation Ambient Temperature Range	°F	/
35	Throttling Method	--	Capillary
36	Defrosting Method	--	/
37	Climate Type	--	T1
38	Isolation	--	I
39	Moisture Protection	--	IPX0
40	Fuse Current	A	3.15
41	Dimension (W×H×D)	mm	304×800×358
42	Dimension (W×H×D)	inch	12 7/32×31.496×14 7/32
43	Dimension of Carton Box (L×W×H)	mm	490×362×864
44	Dimension of Carton Box (L×W×H)	inch	19 7/32×14.252×34 7/32
45	Dimension of Package (L×W×H)	mm	493×365×879
46	Dimension of Package (L×W×H)	inch	19.409×14 7/32×35 7/32
47	Net Weight	kg	27
48	Gross Weight	kg	32.5
49	Refrigerant	--	R290
50	Refrigerant Charge	kg	0.22
51	Compressor	Compressor Trademark	-- GREE
52		Compressor Manufacturer	-- ZHUHAI LANDA COMPRESSOR CO., LTD.
53		Compressor Model	-- QXD-B160T130C
54		Compressor Oil	-- 5GSD-TB or equivalent
55		Compressor Type	-- Rotary
56		Compressor LRA.	A 19.00
57		Compressor RLA	A 3.20
58		Compressor Power Input	W 726
59		Compressor Overload Protector	-- 内置式过载 (HPA-018)
60	Evaporator	Fan Type	Centrifugal
61		Fan Diameter Length(D×L)	mm Φ146×108.5
62		Fan Diameter Length(D×L)	inch Φ5 3/4×4 1/4
63		Cooling Speed	r/min 1300/1235/1155
64		Heating Speed	r/min /
65		Fan Motor Power Output	W 45
66		Fan Motor RLA	A 0.41
67		Fan Motor Capacitor	μF 4.5

68		Evaporator Form	--	Aluminum Fin-copper Tube
69		Evaporator Pipe Diameter	mm	φ7
70		Evaporator Pipe Diameter	inch	φ2/7
71		Evaporator Row-fin Gap	mm	2-1.3
72		Evaporator Coil Length (L×D×W)	mm	2-1/20
73		Evaporator Coil Length (L×D×W)	inch	396 x 25.4 x 266.7
74		Swing Motor Model	--	15 5/8 x 1 x 10 1/2
75		Swing Motor Power Output	W	/
76	Condenser	Fan Type	--	Centrifugal
77		Fan Diameter	mm	Φ185
78		Fan Diameter	inch	Φ7 2/7
79		Fan Motor Speed	rpm	1300/1235/1155
80		Fan Motor Power Output	W	45
81		Fan Motor RLA	A	0.41
82		Fan Motor Capacitor	μF	4.5
83		Condenser Form	--	Aluminum Fin-copper Tube
84		Condenser Pipe Diameter	mm	φ5
85		Condenser Pipe Diameter	inch	φ1/5
86	Condenser Rows-fin Gap	mm	2-1.5 + 1-1.4	
87	Condenser Coil Length (L×D×W)	mm	383 X 266.7 X 22.8 + 334 X 266.7 X 11.4	
88	Condenser Coil Length (L×D×W)	inch	15 2/25 X 10 1/2 X 9/10 + 13 3/20 X 10 1/2 X 9/20	
89	Loading Quantity	Loading Quantity (20' Container)	unit	146
90		Loading Quantity (40' Container)	unit	304
91		Loading Quantity (40' High Cube Container)	unit	455
Air Condition Function				
92	General Control	Auto		YES
93		Cooling		YES
94		Heating		NO
95		Auxiliary Heating		NO
96		Dehumidify		YES
97		Sleep		YES
98		Timer		YES
99		Auto Swing(Vertical Auto Swing)		NO
100		Auto Swing(Horizontal Auto Swing)		NO

101	Control Function	Auto Swing(4-Dimension Swing)	NO
102		Energy Saving	NO
103		Air Flow	YES
104		Rapid Cooling	NO
105		Rapid Heating	NO
106		Memory	YES
107		Auto Fan	YES
108		Quiet Design	NO
109		I Feel	NO
110		Turbo Cooling	NO
111	Function Related with PCB	Anion	NO
112		Cold Plasma	NO
113		High-Voltage Electrostatic Dedust	NO
114		CO Detection	NO
115		Oxygen Generator	NO
116		Filter Dirty Alarm	NO
117		Low Ambient Cooling	NO
118		Low Ambient Heating	NO
119		Low Voltage Startup	NO
120		Compressor With Electric Heater	NO
121		Chassis With Electric Heater	NO
122		Intelligent Preheating	NO
123		Dry Anti-Mildew Design	YES
124		Intelligent Open-Close Panel	NO
125		Self Diagnosis	YES
126		Chord System	NO
127	Function Unrelated with PCB	Ventilation	NO
128		Several Optional Filters (Active Carbon, Catechin, Anti-mildew, Electrostatic Dedust, Silver Ion Sterilizing Material, Cold Catalvst , Photocatalvst etc.)	Optional
129	Display Mode	LCD	NO
130		LCD Back Light	NO
131		LED	YES