

Technical Specifications

Split Air Conditioner Outdoor Unit

Sr No	Parameter	Unit	Value
1	Model	—	BMKH42G321
2	Product Code	—	\
3	Cooling Capacity	kW	11.43
4	Cooling Capacity	Btu/h	38999.16
5	Min. Cooling Capacity	W	2600
6	Min. Cooling Capacity	Btu/h	8871.2
7	Max. Cooling Capacity	W	12000
8	Max. Cooling Capacity	Btu/h	40944
9	Heating Capacity	kW	13.19
10	Heating Capacity	Btu/h	45004.28
11	Min. Heating Capacity	W	2600
12	Min. Heating Capacity	Btu/h	8871.2
13	Max. Heating Capacity	W	13500
14	Max. Heating Capacity	Btu/h	46062
15	EER	W/W	3.056
16	EER	(Btu/h)/W	10.428
17	COP	W/W	3.614
18	COP	(Btu/h)/W	12.33
19	SEER	—	21.00
20	HSPF	—	10.20
21	Air Flow Volume	m ³ /h	7700
22	Air Flow Volume	CFM	4531.45

23	Sound Pressure Level	dB(A)	61
24	Sound Power Level	dB(A)	71
25	Rated Voltage	V	208/230
26	Rated Frequency	Hz	60
27	Phases	—	1
28	Cross-sectional Area of Power Cable Conduc	mm ²	4.00
29	Recommended Power Cable(Core)	N	3
30	Fuse Current	A	3.15/25
31	Circuit Breaker	A	40
32	Cooling Power Input	kW	3.74
33	Heating Power Input	kW	3.65
34	Rated Power Input	kW	4.00
35	Cooling Current Input	A	16.5
36	Heating Current Input	A	16
37	Cooling Operation Ambient Temperature Range		-18~48
38	Heating Operation Ambient Temperature Range		-20~30
39	Maximum drive IDU NO.	unit	5
40	Defrosting Method	--	Automatic Defrosting
41	Isolation	—	I
42	Moisture Protection	--	IP24
43	Climate Type	—	T1
44	Refrigerant	—	R410A
45	Refrigerant Charge	lbs	8
46	Throttling Method	—	Electron expansion valve

47	Dimension of Outline(W×D×H)	in	42.8×17.3×43.4
48	Dimension of Carton Box(L×W×H)	in	45.5×18.9×43.9
49	Dimension of Package(L×W×H)	in	45.6×19.4×48.6
50	Net Weight	lbs	198.4
51	Gross Weight	lbs	216.1
52	Outdoor Unit Loading Quantity (20' Container)	unit	22
53	Outdoor Unit Loading Quantity (40' Container)	unit	44
54	Outdoor Unit Loading Quantity (40' High Cube Container)	unit	86
55	Connection Pipe Connection Method	—	Flare Connection
56	Not Additional Gas Connection Pipe Length	ft	131.2
57	Connection Pipe Gas Additional Charge	g/m	20
58	Connection Pipe Liquid Pipe Outer Diameter 1	in	φ0.25
59	Connection Pipe Liquid Pipe Outer Diameter 2	in	φ0.25
60	Connection Pipe Liquid Pipe Outer Diameter 3	in	φ0.25
61	Connection Pipe Liquid Pipe Outer Diameter 4	in	φ0.25
62	Connection Pipe Liquid Pipe Outer Diameter 5	in	φ0.25
63	Connection Pipe Gas Pipe Outer Diameter 1	in	φ0.375
64	Connection Pipe Gas Pipe Outer Diameter 2	in	φ0.375
65	Connection Pipe Gas Pipe Outer Diameter 3	in	φ0.375
66	Connection Pipe Gas Pipe Outer Diameter 4	in	φ0.375
67	Connection Pipe Gas Pipe Outer Diameter 5	in	φ0.375
68	Connection Pipe Max. Height Distance(indoor and indoor)	ft	24.6
69	Connection Pipe Max. Height Distance(indoor and outdoor and indoor up)	ft	49.2
70	Connection Pipe Max. Height Distance(indoor and outdoor and outdoor up)	ft	49.2

71	Max. equivalent connection pipe length(outdoor to last indoor)	ft	82
72	Connection Pipe Max. Length Distance(total length)	ft	246

Air Condition Function

73	Low Ambient Cooling Function		YES
74	Compressor With Electric Heater		YES
75	Chassis With Electric Heater		YES