

Technical Specifications				
Split Air Conditioner Outdoor Unit				
	Sr No	Parameter	Unit	Value
1	1	Model	—	BMKH42M23UH
2	2	Product Code	—	453081186
4	3	Cooling Capacity	kW	12.30
5	4	Cooling Capacity	Btu/h	42000
6	5	Min. Cooling Capacity	W	2600
7	6	Min. Cooling Capacity	Btu/h	8871
8	7	Max. Cooling Capacity	W	12600
9	8	Max. Cooling Capacity	Btu/h	42991
10	9	Heating Capacity	kW	12.30
11	10	Heating Capacity	Btu/h	42000
12	11	Min. Heating Capacity	W	2600
13	12	Min. Heating Capacity	Btu/h	8871
14	13	Max. Heating Capacity	W	13500
15	14	Max. Heating Capacity	Btu/h	46062
16	15	EER	W/W	2.64
17	16	EER	(Btu/h)/W	9.01
18	17	COP	W/W	3.42
19	18	COP	(Btu/h)/W	11.66
20	19	SEER	—	23.00
21	20	HSPF	—	10.00
30	21	Air Flow Volume	m ³ /h	5200
31	22	Air Flow Volume	CFM	3060.2
34	23	Sound Pressure Level	dB(A)	62
37	24	Sound Power Level	dB(A)	72
46	25	Rated Voltage	V	208/230
47	26	Rated Frequency	Hz	60
48	27	Phases	—	1
50	28	Cross-sectional Area of Power Cable Condu	mm ²	8.4<AWG8>
52	29	Recommended Power Cable(Core)	N	3
53	30	Fuse Current	A	60
54	31	Circuit Breaker	A	
55	32	Cooling Power Input	kW	4.66
56	33	Heating Power Input	kW	3.6
57	34	Rated Power Input	kW	7.36
58	35	Cooling Current Input	A	20.26
59	36	Heating Current Input	A	15.65
60	37	Rated Current	A	32.00
61	38	Starting Current	A	5.00
66	39	Compressor Trademark	—	GREE
68	41	Compressor Model1	—	QXAW-F518zX440C
70	42	Compressor Type1	—	Inverter Rotary
73	43	Compressor Capacity	W	/
74	44	Compressor Power Input	W	/
75	45	Compressor Rated Load Amp (RLA)	A	28.5
76	46	Compressor Locked Rotor Amp (L.R.A)	A	/
78	47	Compressor Thermal Protector	—	/
79	48	Compressor Crankcase	W	40
80	49	Compressor Refrigerant Oil Type	—	FV50S or equivalent
81	50	Compressor Refrigerant Oil Charge Volume	L	1.35
82	51	Chassis Electrical Heater Power Input	W	160
83	52	Chassis Electrical Heater Current	A	/
86	53	Fan Type	—	Axial-flow

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87	Fan Quantity	—	1	
88	Fan Diameter-height	mm	570—152	
90	Motor Model	—	SWZ150A	
91	Motor Type	—	DC motor	
92	Motor Insulation Class	—	B/E	
93	Motor Safe Class	—	IPX4	
94	Overload Protector	—	/	
95	Motor Full Load Amp(FLA)	A	/	
96	Fan Motor Drive Type	—	Direct drive	
97	Fan Motor Speed	rpm	940	
98	Fan Motor Power Output	W	90	
99	Fan Motor Power Input	W	/	
100	Fan Motor Capacitor	μF	/	
106	Condenser Material	—	Aluminum Fin-copper Tube	
107	Condenser Face Area	m ²	1.07	
109	Condenser Pipe Diameter	in	φ0.31	
111	Condenser Number of Rows	—	3	
112	Condenser Tube Pitch(a)×Row Pitch(b)	in	0.86×0.75	
114	Condenser Fin Pitch	in	0.06	
117	Condenser Fin Type	—	corrugated fin	
118	Condenser Fin Colour	—	Blue	
120	Condenser Length(L) × Height(H) × Width (W)	in	35.07×41.57×2.25	
122	Condenser Max. Allowable Pressure	MPa	10	
131	Permissible Excessive Operating Pressure for the Discharge Side	MPa	4.3	
132	Permissible Excessive Operating Pressure for the Suction Side	MPa	2.5	
133	Maximum Allowable Pressure	MPa	4.3	
134	High Presser Overload Protector	MPa	4.6	
135	Low Presser Overload Protector	MPa	/	
136	Cooling Operation Ambient Temperature Range	℉	-0.4~114.8	
138	Heating Operation Ambient Temperature Range	℉	-31~75.2	
140	Maximum drive IDU NO.	unit	5	
142	Defrosting Method	--	Automatic Defrosting	
143	Isolation	—	I	
144	Moisture Protection	--	IPX4	
145	Overload Protector	—	电流温控机械式	
146	Climate Type	—	T1	
147	Refrigerant	—	R410A	
148	Refrigerant Charge	lbs	11.02	
150	Throttling Method	—	Electron expansion valve	
161×163×165	Dimension of Outline(W×D×H)	in	42.79×17.32×43.42	
167×169×171	Dimension of Carton Box(L×W×H)	in	45.47×18.89×43.89	
173×175×177	Dimension of Package(L×W×H)	in	45.59×19.01×48.62	
179	Net Weight	lbs	282.19	
181	Gross Weight	lbs	299.83	
183	Outdoor Unit Loading Quantity (20' Container)	unit	22	
184	Outdoor Unit Loading Quantity (40' Container)	unit	48	
185	Outdoor Unit Loading Quantity (40' High Cube Container)	unit	96	
191	Connection Pipe Connection Method	—	Flare Connection	
192	Not Additional Gas Connection Pipe Length	m	131.23	

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194	104	Connection Pipe Gas Additional Charge	g/m	20
196	105	Connection Pipe Liquid Pipe Outer Diameter 1	in	φ1/4
198	106	Connection Pipe Liquid Pipe Outer Diameter 2	in	φ1/4
200	107	Connection Pipe Liquid Pipe Outer Diameter 3	in	φ1/4
202	108	Connection Pipe Liquid Pipe Outer Diameter 4	in	φ1/4
204	109	Connection Pipe Liquid Pipe Outer Diameter 5	in	φ1/4
206	110	Connection Pipe Gas Pipe Outer Diameter 1	in	φ3/8
208	111	Connection Pipe Gas Pipe Outer Diameter 2	in	φ3/8
210	112	Connection Pipe Gas Pipe Outer Diameter 3	in	φ3/8
212	113	Connection Pipe Gas Pipe Outer Diameter 4	in	φ3/8
214	114	Connection Pipe Gas Pipe Outer Diameter 5	in	φ3/8
216	115	Connection Pipe Max. Height Distance (indoor and indoor)	ft	49.213
218	116	Connection Pipe Max. Height Distance (indoor and outdoor and indoor up)	ft	49.213
220	117	Connection Pipe Max. Height Distance (indoor and outdoor and outdoor up)	ft	49.213
222	118	Max. equivalent connection pipe length (outdoor to last indoor)	ft	82.021
224	119	Connection Pipe Max. Length Distance (total length)	ft	262.467