

	Technical Specifications			
	Split Air Conditioner Outdoor Unit			
	Sr No	Parameter	Unit	Value
1	1	Model	—	BMKH42M-NDG3
2	2	Product Code	—	453074379
4	3	Cooling Capacity	kW	11.43
5	4	Cooling Capacity	Btu/h	38999.16
6	5	Min. Cooling Capacity	W	2600
7	6	Min. Cooling Capacity	Btu/h	8871.2
8	7	Max. Cooling Capacity	W	12000
9	8	Max. Cooling Capacity	Btu/h	40944
10	9	Heating Capacity	kW	13.19
11	10	Heating Capacity	Btu/h	45004.28
12	11	Min. Heating Capacity	W	2600
13	12	Min. Heating Capacity	Btu/h	8871.2
14	13	Max. Heating Capacity	W	13500
15	14	Max. Heating Capacity	Btu/h	46062
16	15	EER	W/W	3.056
17	16	EER	(Btu/h)/W	10.428
18	17	COP	W/W	3.614
19	18	COP	(Btu/h)/W	12.33
20	19	SEER	—	21.00
21	20	HSPF	—	10.20
30	21	Air Flow Volume	m3/h	7700
31	22	Air Flow Volume	CFM	4531.45

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34	23	Sound Pressure Level	dB(A)	61
37	24	Sound Power Level	dB(A)	71
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	mm2	4.00
52	29	Recommended Power Cable(Core)	N	3
53	30	Fuse Current	A	3.15/25
54	31	Circuit Breaker	A	40
55	32	Cooling Power Input	kW	3.74
56	33	Heating Power Input	kW	3.65
57	34	Rated Power Input	kW	4.00
58	35	Cooling Current Input	A	16.5
59	36	Heating Current Input	A	16
60	37	Rated Current	A	/
61	38	Starting Current	A	/
66	39	Compressor Trademark	—	LANDA
67	40	Compressor Manufacturer	—	ZHUHAI LANDA COMPRESSOR CO.LTD
68	41	Compressor Model1	—	QXAS-D32zX090A
70	42	Compressor Type1	—	Inverter Rotary
73	43	Compressor Capacity	W	12300

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74	44	Compressor Power Input	W	4150
75	45	Compressor Rated Load Amp (RLA)	A	17.8
76	46	Compressor Locked Rotor Amp (L.R.A)	A	/
78	47	Compressor Thermal Protector	—	外置1NT11L—6233
79	48	Compressor Crankcase	W	40
80	49	Compressor Refrigerant Oil Type	—	FV50S
81	50	Compressor Refrigerant Oil Charge Volume	L	1
82	51	Chassis Electrical Heater Power Input	W	96
83	52	Chassis Electrical Heater Current	A	0.4
86	53	Fan Type	—	Axial-flow
87	54	Fan Quantity	—	1
88	55	Fan Diameter-height	mm	570—152
90	57	Motor Model	—	SWZ150B
91	58	Motor Type	—	直流
92	59	Motor Insulation Class	—	B
93	60	Motor Safe Class	—	IP44
94	61	Overload Protector	—	
95	62	Motor Full Load Amp(FLA)	A	0.82
96	63	Fan Motor Drive Type	—	直驱
97	64	Fan Motor Speed	rpm	880
98	65	Fan Motor Power Output	W	170
99	66	Fan Motor Power Input	W	240

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100	67	Fan Motor Capacitor	μF	
106	68	Condenser Material	—	Aluminum Fin-copper Tube
107	69	Condenser Face Area	m ²	1.07
109	70	Condenser Pipe Diameter	mm	φ.31
111	71	Condenser Number of Rows	—	2
112	72	Condenser Tube Pitch(a)×Row Pitch(b)	in	.87×.75
114	73	Condenser Fin Pitch	in	0.06
117	74	Condenser Fin Type	—	波纹片
118	75	Condenser Fin Colour	—	蓝色
120	76	Condenser Length(L) × Height(H) × Width (W)	in	41.57×30.55×11.25
122	77	Condenser Max. Allowable Pressure	MPa	10.0
131	78	Permissible Excessive Operating Pressure for the Discharge Side	MPa	4.2
132	79	Permissible Excessive Operating Pressure for the Suction Side	MPa	2.5
133	80	Maximum Allowable Pressure	MPa	4.2
134	81	High Presser Overload Protector	MPa	4
135	82	Low Presser Overload Protector	MPa	
136	83	Cooling Operation Ambient Temperature Range	℉	0~118
138	84	Heating Operation Ambient Temperature Range	℉	-4~86
140	85	Maximum drive IDU NO.	unit	5
142	86	Defrosting Method	--	Automatic Defrosting

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143	87	Isolation	—	I
144	88	Moisture Protection	--	IP24
145	89	Overload Protector	—	电流温控机械式
146	90	Climate Type	—	T1
147	91	Refrigerant	—	R410A
148	92	Refrigerant Charge	lbs	8.04
150	93	Throttling Method	—	Electron expansion valve
161×163×165	94	Dimension of Outline(W×D×H)	in	42.79×17.32×43.43
167×169×171	95	Dimension of Carton Box(L×W×H)	in	45.47×18.90×43.90
173×175×177	96	Dimension of Package(L×W×H)	in	45.59×19.41×48.62
179	97	Net Weight	lbs	198.42
181	98	Gross Weight	lbs	216.05
183	99	Outdoor Unit Loading Quantity (20' Container)	unit	22
184	100	Outdoor Unit Loading Quantity (40' Container)	unit	44
185	101	Outdoor Unit Loading Quantity (40' High Cube Container)	unit	86
191	102	Connection Pipe Connection Method	—	Flare Connection
192	103	Not Additional Gas Connection Pipe Length	in	1.5
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

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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	22.97
218	116	Connection Pipe Max. Height Distance (indoor and outdoor and indoor up)	ft	49.21
220	117	Connection Pipe Max. Height Distance (indoor and outdoor and outdoor up)	ft	49.21
222	118	Max. equivalent connection pipe length (outdoor to last indoor)	ft	82.02
224	119	Connection Pipe Max. Length Distance (total length)	ft	246.06