

Technical Specifications						
Split Air Conditioner Outdoor Unit						
	Sr No	Parameter	Unit	Value		
1	1	Model	—	BMKH18M-NDG3	BMKH24M-NDG3	BMKH30M-NDG3
2	2	Product Code	—	453074378	453075031	453074376
4	3	Cooling Capacity	kW	5.28	7.03	8.30
5	4	Cooling Capacity	Btu/h	18000	24000	28400
6	5	Min. Cooling Capacity	W	2051	2198	2400
7	6	Min. Cooling Capacity	Btu/h	6998	7500	8189
8	7	Max. Cooling Capacity	W	6155	9672	9800
9	8	Max. Cooling Capacity	Btu/h	21001	33000	33438
10	9	Heating Capacity	kW	5.57	7.62	8.79
11	10	Heating Capacity	Btu/h	19000	26000	30000
12	11	Min. Heating Capacity	W	2052	2198	2400
13	12	Min. Heating Capacity	Btu/h	7000	7500	8189
14	13	Max. Heating Capacity	W	6624	8200	9500
15	14	Max. Heating Capacity	Btu/h	22600	27978	32414
16	15	EER	W/W	3.66<EER> 3.66<EER2>	3.66<EER> 3.46<EER2>	3.66<EER> 3.46<EER2>
17	16	EER	(Btu/h)/W	12.5<EER> 12.5<EER2>	12.5<EER> 11.8<EER2>	12.5<EER> 11.8<EER2>
18	17	COP	W/W	3.66	3.72	3.74
19	18	COP	(Btu/h)/W	12.50	12.70	12.76
20	19	SEER	—	22<SEER> 21<SEER2>	21<SEER> 21<SEER2>	21<SEER> 20<SEER2>
21	20	HSPF	—	10.5<HSPF> 9<HSPF2>	10.5<HSPF> 9<HSPF2>	10.5<HSPF> 8.6<HSPF2>
30	21	Air Flow Volume	m3/h	3200	4000	4000
31	22	Air Flow Volume	CFM	1883.2	2354	2354
34	23	Sound Pressure Level	dB(A)	56	59	59
37	24	Sound Power Level	dB(A)	63	69	69
46	25	Rated Voltage	V	208/230	208/230	208/230
47	26	Rated Frequency	Hz	60	60	60
48	27	Phases	—	1	1	1
50	28	Cross-sectional Area of Power Cable Condu	mm2	2.1 (AWG14)	3.3 (AWG12)	3.3 (AWG12)
52	29	Recommended Power Cable(Core)	N	3	3	3
53	30	Fuse Current	A	16	30	20
54	31	Circuit Breaker	A	25	30	30

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55	32	Cooling Power Input	kW	1.44	2.03	2.40
56	33	Heating Power Input	kW	1.52	2.05	2.35
57	34	Rated Power Input	kW	2.8	3.60	3.80
58	35	Cooling Current Input	A	6.26	8.83	10.43
59	36	Heating Current Input	A	6.61	8.90	10.22
60	37	Rated Current	A	12.42	15.97	16.86
61	38	Starting Current	A	5	5.00	/
66	39	Compressor Trademark	—	GREE	GREE	GREE
67	40	Compressor Manufacturer	—	ZHUHAI LANDA COMPRESSOR CO.,LTD	ZHUHAI LANDA COMPRESSOR CO.,LTD	ZHUHAI LANDA COMPRESSOR CO.LTD
68	41	Compressor Model1	—	QXA-B141zF030A	QXAS-D23zX090B	QXAS-D32zX090A
70	42	Compressor Type1	—	Inverter Rotary	Inverter Rotary	Inverter Rotary
73	43	Compressor Capacity	W	4320	7250	12300
74	44	Compressor Power Input	W	1440	2550	4150
75	45	Compressor Rated Load Amp (RLA)	A	10.82	15.82	13.9
76	46	Compressor Locked Rotor Amp (L.R.A)	A	/	/	/
78	47	Compressor Thermal Protector	—	1NT11L-6233	1NT11L-6233	外置1NT11L—6233
79	48	Compressor Crankcase	W	25W±7%	40W±7%	40
80	49	Compressor Refrigerant Oil Type	—	RB68EP	RB68EP	FV50S
81	50	Compressor Refrigerant Oil Charge Volume	L	0.39	0.95	1
82	51	Chassis Electrical Heater Power Input	W	96	160	96
83	52	Chassis Electrical Heater Current	A	/	/	0.4
86	53	Fan Type	—	Axial-flow	Axial-flow	Axial-flow
87	54	Fan Quantity	—	1	1	1
88	55	Fan Diameter-height	mm	520-58	550-66	550-120
90	57	Motor Model	—	LW60M-ZL	LW92K-ZL	SWZ150A
91	58	Motor Type	—	DC motor	DC motor	DC motor
92	59	Motor Insulation Class	—	E	B or E	E
93	60	Motor Safe Class	—	IPX4	IPX4	IPX4
94	61	Overload Protector	—	/	/	/
95	62	Motor Full Load Amp(FLA)	A	/	/	0.68

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96	63	Fan Motor Drive Type	—	Direct drive	Direct drive	直驱
97	64	Fan Motor Speed	rpm	630	800	850
98	65	Fan Motor Power Output	W	60	90	100
99	66	Fan Motor Power Input	W	/	/	150
100	67	Fan Motor Capacitor	μF	/	/	/
106	68	Condenser Material	—	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
107	69	Condenser Face Area	m <sup>2</sup>	0.56	0.73	0.68
109	70	Condenser Pipe Diameter	in	φ0.28	φ0.28	φ0.31
111	71	Condenser Number of Rows	—	2	2	2
112	72	Condenser Tube Pitch(a)×Row Pitch(b)	in	0.75×0.87	0.75×0.87	0.87×0.75
114	73	Condenser Fin Pitch	in	0.06	0.06	0.06
117	74	Condenser Fin Type	—	corrugated fin	corrugated fin	波纹片
118	75	Condenser Fin Colour	—	Blue	Blue	Blue
120	76	Condenser Length(L) × Height(H) × Width(W)	in	37.59 x 27.55 x 14.25	38.67×29.45×1.5	38.42 x 31 x 15.5
122	77	Condenser Max. Allowable Pressure	MPa	10	10	10.0
131	78	Permissible Excessive Operating Pressure for the Discharge Side	MPa	4.3	4.3	4.2
132	79	Permissible Excessive Operating Pressure for the Suction Side	MPa	2.5	2.5	2.5
133	80	Maximum Allowable Pressure	MPa	4.3	4.3	4.2
134	81	High Presser Overload Protector	MPa	/	/	4
135	82	Low Presser Overload Protector	MPa	/	/	/
136	83	Cooling Operation Ambient Temperature Range	F	-0.4~118.4	-0.4~118.4	-0.4~118.4
138	84	Heating Operation Ambient Temperature Range	F	-4~75.2	-4~75.2	-4~75.2
140	85	Maximum drive IDU NO.	unit	2	3	4
142	86	Defrosting Method	--	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting
143	87	Isolation	—	I	I	I
144	88	Moisture Protection	--	IPX4	IPX4	IPX4
145	89	Overload Protector	—	/	/	电流温控机械式
146	90	Climate Type	—	T1	T1	T1

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147	91	Refrigerant	—	R410A	R410A	R410A
148	92	Refrigerant Charge	lbs	3.53	4.85	6.17
150	93	Throttling Method	—	Electron expansion valve	Electron expansion valve	Electron expansion valve
161×163×165	94	Dimension of Outline(W×D×H)	in	37.60×15.59×27.56	38.58×16.81×31.10	38.58×16.81×31.10
167×169×171	95	Dimension of Carton Box(L×W×H)	in	40.39×17.91×28.94	42.52×19.09×33.07	42.52×19.09×33.07
173×175×177	96	Dimension of Package(L×W×H)	in	40.51×18.03×29.53	42.64×19.21×33.66	42.64×19.21×33.66
179	97	Net Weight	lb	114.64	153.22	154.32
181	98	Gross Weight	lb	124.56	164.24	169.76
183	99	Outdoor Unit Loading Quantity ( 20' Container )	unit	81	44	44
184	100	Outdoor Unit Loading Quantity ( 40' Container )	unit	171	96	96
185	101	Outdoor Unit Loading Quantity ( 40' High Cube Container )	unit	171	144	144
191	102	Connection Pipe Connection Method	—	Flare Connection	Flare Connection	Flare Connection
192	103	Not Additional Gas Connection Pipe Length	ft	32.81	98.43	131.23
194	104	Connection Pipe Gas Additional Charge	g/m	20	20	20
196	105	Connection Pipe Liquid Pipe Outer Diameter 1	in	φ0.24	φ0.24	φ0.24
198	106	Connection Pipe Liquid Pipe Outer Diameter 2	in	φ0.24	φ0.24	φ0.24
200	107	Connection Pipe Liquid Pipe Outer Diameter 3	in	/	φ0.24	φ0.24
202	108	Connection Pipe Liquid Pipe Outer Diameter 4	in	/	/	φ0.24
204	109	Connection Pipe Liquid Pipe Outer Diameter 5	in	/	/	/
206	110	Connection Pipe Gas Pipe Outer Diameter 1	in	φ0.37	φ0.37	φ0.37
208	111	Connection Pipe Gas Pipe Outer Diameter 2	in	φ0.37	φ0.37	φ0.37
210	112	Connection Pipe Gas Pipe Outer Diameter 3	in	/	φ0.37	φ0.37
212	113	Connection Pipe Gas Pipe Outer Diameter 4	in	/	/	φ0.37
214	114	Connection Pipe Gas Pipe Outer Diameter 5	in	/	/	/
216	115	Connection Pipe Max. Height Distance (indoor and indoor)	ft	32.81	32.81	24.61

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218	116	Connection Pipe Max. Height Distance (indoor and outdoor and indoor up)	ft	32.81	32.81	49.21
220	117	Connection Pipe Max. Height Distance (indoor and outdoor and outdoor up)	ft	32.81	32.81	49.21
222	118	Max. equivalent connection pipe length (outdoor to last indoor)	ft	32.81	65.62	82.02
224	119	Connection Pipe Max. Length Distance (total length)	ft	65.62	196.85	229.66
Air Condition Function						
241	120	Low Ambient Cooling Function		YES	YES	YES
242	121	Defrosting Time Set Function		NO	NO	NO
243	122	Low Voltage Startup		YES	YES	YES
244	123	Compressor With Electric Heater		YES	YES	YES
245	124	Chassis With Electric Heater		YES	YES	YES