

Technical Specifications

Split Air Conditioner Indoor Unit

Sr No	Parameter	Unit	Value
1	Model	—	BMKH12MCNS
2	Product Code	—	CV010N01000
3	Type	—	CONSOLE
4	Cooling Capacity	kW	3.51
5	Cooling Capacity	Btu/h	12000
6	Heating Capacity	kW	3.81
7	Heating Capacity	Btu/h	13000
8	Air Flow Volume(H/M/L/)	m ³ /h	650/550/450
9	Air Flow Volume(H/M/L)	CFM	382.525/323.675/264.825
10	Sound Pressure Level (H/M/L)	dB (A)	40/37/32
11	Sound Pressure Level (H/M/L)	dB(A)	50/47/42
12	Dehumidifying Volume	L/h	1.4
13	Dehumidifying Volume	Pint/h	2.96
14	Rated Voltage	V	208/230
15	Rated Frequency	Hz	60
16	Phases	—	1
17	Cross-sectional Area of Power Cable Conductor	mm ²	0.75
18	Recommended Power Cable(Core)	N	4
19	Fuse Current	A	3.15
20	Fan Type	—	Centrifugal
21	Fan Quantity	—	1
22	Fan Diameter-height	in	14.56 × 3.14
23	Motor Model	—	FN30A-ZL
24	Motor Insulation Class	—	E
25	Motor Safe Class	—	IP20
26	Overload Protector	—	3.15
27	Motor Full Load Amp(FLA)	A	0.14
28	Fan Motor Drive Type	—	Direct drive
29	Fan Motor Speed	rpm	cool : 750/650/600/550/500 /450/350 heat : 750/650/600/550/500 /450/350
30	Fan Motor Power Output	W	30
31	Fan Motor Power Input	W	/
32	Fan motor running current	A	0.14
33	Fan Motor Capacitor	μF	/
34	Evaporator Material	—	Aluminum Fin-copper Tube
35	Evaporator Face Area	m ²	0.20
36	Evaporator Pipe Diameter	in	0.25
37	Evaporator Number of Rows	—	2
38	Evaporator Tube Pitch(a) × Row Pitch(b)	in	0.70 × 0.47
39	Evaporator Fin Type	—	louver fin
40	Evaporator Fin Colour	—	Blue
41	Evaporator Length(L) × Height(H) × Width(W)	in	20.11 × 15.59 × 0.94
42	Evaporator Max. Allowable Pressure	MPa	10.0

43	Air Filter	—	PP-MD20
44	Air Filter Size(L×W/NO.)	in	21.45 × 15.05
45	Gas Pipe(to indoor unit)	in	3/8
46	Liquid pipe	in	1/4
47	Connection method	—	Flare Connection
48	Drain Connection (outer diameter)	in	1.10
49	Dimension of Outline(W×D×H)	in	27.55 × 8.46 × 23.62
50	Dimension of Carton Box(L×W×H)	in	31.02 × 11.14 × 27.36
51	Dimension of Package(L×W×H)	in	31.14 × 11.25 × 27.95
52	Net Weight	lbs	33
53	Gross Weight	lbs	40
54	Indoor Unit Loading Quantity (20' Container)	unit	168
55	Indoor Unit Loading Quantity (40' Container)	unit	348
56	Indoor Unit Loading Quantity (40' High Cube Container)	unit	440
Air Condition Function			
57	Auto		YES
58	Cooling		YES
59	Heating		YES
60	Dehumidify		YES
61	Sleep Modes Design		Three kinds of sleep curve
62	Timer		YES
63	Auto Swing(Vertical Auto Swing)		YES
64	Energy Saving		YES
65	Air Flow		YES
66	Memory		YES
67	Auto Fan		YES
68	8℃ Heating Mode		YES
69	Quiet Design		YES
70	I Feel		YES
71	Turbo Cooling		YES
72	Cold Plasma		YES
73	Low Ambient Cooling		YES
74	Low Ambient Heating		YES
75	Intelligent Preheating		YES
76	Dry Anti-Mildew Design		YES
77	Self Diagnosis		YES
78	Several Optional Filters (eg: Active Carbon)		Optional
79	LED		YES
80	Selection of Master and Slave Units		YES