BLUERIDGE®

Technical Specifications

Split Air Conditioner Outdoor Unit

Sr No	Parameter	Unit	Value
1	Model	—	**BMKH36M23UH**
2	Product Code	—	CB228W09600
3	Cooling Capacity	kW	10.60
4	Cooling Capacity	Btu/h	36000
5	Min. Cooling Capacity	W	2600
6	Min. Cooling Capacity	Btu/h	8871
7	Max. Cooling Capacity	W	11723
8	Max. Cooling Capacity	Btu/h	40000
9	Heating Capacity	kW	10.60
10	Heating Capacity	Btu/h	36000
11	Min. Heating Capacity	W	2600
12	Min. Heating Capacity	Btu/h	8871
13	Max. Heating Capacity	W	12460
14	Max. Heating Capacity	Btu/h	42514
15	EER	W/W	2.64
16	EER	(Btu/h)/W	9.00
17	COP	W/W	3.21
18	COP	(Btu/h)/W	10.96
19	SEER	—	23.00
20	HSPF	—	10.00
21	Air Flow Volume	m^3/h	5200
22	Air Flow Volume	CFM	3060.2
23	Sound Pressure Level	dB(A)	62
24	Sound Power Level	dB(A)	72
25	Rated Voltage	V	208/230
26	Rated Frequency	Hz	60
27	Phases	—	1
28	Cross-sectional Area of Power Cable Conductor	mm^2	8.4<AWG8>
29	Recommended Power Cable(Core)	N	3
30	Fuse Current	A	60
31	Circuit Breaker	A	60
32	Cooling Power Input	kW	4.02
33	Heating Power Input	kW	3.3
34	Rated Power Input	kW	7.36
35	Cooling Current Input	A	17.48
36	Heating Current Input	A	14.35
37	Rated Current	A	32.00
38	Starting Current	A	5.00
39	Compressor Trademark	—	GREE
40	Compressor Manufacturer	—	ZHUHAI LANDA COMPRESSOR CO.,LTD
41	Compressor Model1	—	QXAW-F518zX440C
42	Compressor Type1	—	Inverter Rotary

43	Compressor Rated Load Amp (RLA)	A	27
44	Compressor Crankcase	W	40
45	Compressor Refrigerant Oil Type	—	FV50S or equivalent
46	Compressor Refrigerant Oil Charge Volume	L	1.35
47	Chassis Electrical Heater Power Input	W	160
48	Permissible Excessive Operating Pressure for the Discharge Side	MPa	4.3
49	Permissible Excessive Operating Pressure for the Suction Side	MPa	2.5
50	Maximum Allowable Pressure	MPa	4.3
51	High Presser Overload Protector	MPa	4.6
52	Cooling Operation Ambient Temperature Range	F	0~114
53	Heating Operation Ambient Temperature Range	F	-31~75
54	Maximum drive IDU NO.	unit	4
55	Defrosting Method	--	Automatic Defrosting
56	Isolation	—	I
57	Moisture Protection	--	IPX4
58	Overload Protector	—	Current temperature control mechanical
59	Climate Type	—	T1
60	Refrigerant	—	R410A
61	Refrigerant Charge	LB	9.9
62	Throttling Method	—	Electron expansion valve
63	Dimension of Outline(W×D×H)	in	42.79 × 17.32 × 43.42
64	Dimension of Carton Box(L×W×H)	in	45.47 × 18.89 × 43.89
65	Dimension of Package(L×W×H)	in	45.59 × 19.01 × 48.62
66	Net Weight	lbs	280
67	Gross Weight	lbs	298
68	Outdoor Unit Loading Quantity (20’ Container)	unit	22
69	Outdoor Unit Loading Quantity (40’ Container)	unit	48
70	Outdoor Unit Loading Quantity (40’ High Cube Container)	unit	96
71	Connection Pipe Connection Method	—	Flare Connection
72	Not Additional Gas Connection Pipe Length	ft	131
73	Connection Pipe Gas Additional Charge	g/m	20
74	Connection Pipe Liquid Pipe Outer Diameter 1	in	1/4
75	Connection Pipe Liquid Pipe Outer Diameter 2	in	1/4
76	Connection Pipe Liquid Pipe Outer Diameter 3	in	1/4
77	Connection Pipe Liquid Pipe Outer Diameter 4	in	1/4
78	Connection Pipe Gas Pipe Outer Diameter 1	in	3/8
79	Connection Pipe Gas Pipe Outer Diameter 2	in	3/8
80	Connection Pipe Gas Pipe Outer Diameter 3	in	3/8
81	Connection Pipe Gas Pipe Outer Diameter 4	in	3/8
82	Connection Pipe Max. Height Distance(indoor and indoor)	ft	49
83	Connection Pipe Max. Height Distance(indoor and outdoor and indoor up)	ft	49
84	Connection Pipe Max. Height Distance(indoor and outdoor and outdoor up)	ft	49

85	Max. equivalent connection pipe length(outdoor to last indoor)	ft	82
86	Connection Pipe Max. Length Distance(total lenght)	ft	246
Air Condition Function			
87	Low Ambient Cooling Function		YES
88	Low Voltage Startup		YES
89	Compressor With Electric Heater		YES
90	Chassis With Electric Heater		YES