

Product Code	-	CB228W09400	CB228W09500	CB228W09600	CB228W09700
Model	-	BMKH18M23UH	BMKH24M23UH	BMKH36M23UH	BMKH42M23UH
Series Name	-	M5 Ultra Heat	M5 Ultra Heat	M5 Ultra Heat	M5 Ultra Heat
Cooling Capacity	Btu/h	18000	22000	36000	42000
Min. Cooling Capacity	Btu/h	6998	7500	8871	8871
Max. Cooling Capacity	Btu/h	21000.86	30000.01	39999.9	42991.2
Heating Capacity	Btu/h	21000	26000	36000	42000
Min. Heating Capacity	Btu/h	7000	7500	8871	8871
Max. Heating Capacity	Btu/h	26000	31000	42514	46062
EER	(Btu/h)/W	12.5(EER) 12(EER2)	12.5(EER) 12(EER2)	9.0(EER) 9.0(EER2)	9.0(EER) 9.0(EER2)
COP	W/W	3.6	3.66	3.21	3.42
SEER	-	23(SEER) 20(SEER2)	23(SEER) 20(SEER2)	23(SEER) 16(SEER2)	23(SEER) 16(SEER2)
HSPF	-	10.5(HSPF) 10(HSPF2)	10.5(HSPF) 10(HSPF2)	10(HSPF) 8.6(HSPF2)	10(HSPF) 8.6(HSPF2)
Energy Class	--	E-STAR 5.0	E-STAR 5.0	/	/
Air Flow Volume	CFM	2530.55	2530.55	3060.2	3060.2
Sound Pressure Level	dB(A)	58	60	62	62
Rated Voltage	V	208/230	208/230	208/230	208/230
Rated Frequency	Hz	60	60	60	60
Phases	-	1	1	1	1
Min/Max. Voltage	V	187/253	187/253	187/253	187/253
Fuse Current	A	30	30	60	60
Max. Over Current Protection	A	35	40	60	60
Min. Current (MCA)	A	20	23	36	38
Cooling Power Input	kW	1.5	1.83	4.02	4.66
Heating Power Input	kW	1.71	2.09	3.3	3.6
Rated Power Input	kW	5	6	7.36	7.36
Cooling Current Input	A	6.52	7.96	17.48	20.26
Heating Current Input	A	7.4	9.1	14.35	15.65
Rated Current	A	22	26	32	32
Starting Current	A	5	5	5	5
Cooling Operation Ambient Temperature Range	°F	0~115	0~115	0~115	0~115

Heating Operation Ambient Temperature Range	°F	-31~75.2	-31~75.2	-31~75.2	-31~75.2
Outer Diameter of Liquid Pipe 1	inch	1/4"	1/4"	1/4"	1/4"
Outer Diameter of Liquid Pipe 2	inch	1/4"	1/4"	1/4"	1/4"
Outer Diameter of Liquid Pipe 3	inch	/	1/4"	1/4"	1/4"
Outer Diameter of Liquid Pipe 4	inch	/	/	1/4"	1/4"
Outer Diameter of Liquid Pipe 5	inch	/	/	/	1/4"
Outer Diameter of Gas Pipe 1	inch	3/8"	3/8"	3/8"	3/8"
Outer Diameter of Gas Pipe 2	inch	3/8"	3/8"	3/8"	3/8"
Outer Diameter of Gas Pipe 3	inch	/	3/8"	3/8"	3/8"
Outer Diameter of Gas Pipe 4	inch	/	/	3/8"	3/8"
Outer Diameter of Gas Pipe 5	inch	/	/	/	3/8"
Connection Pipe Max. Height Distance(indoor and indoor)	ft	26.2	26.2	49.2	49.2
Connection Pipe Max. Height Distance(indoor and outdoor and indoor up)	ft	26.2	26.2	49.2	49.2
Connection Pipe Max. Height Distance(indoor and outdoor and outdoor up)	ft	26.2	26.2	49.2	49.2
Max. equivalent connection pipe length(outdoor to last indoor)	ft	82	82	82	82
Connection Pipe Max. Length Distance(total lenght)	ft	164	229.7	246.1	262.5
Compressor Trademark	-	GREE	GREE	GREE	GREE
Compressor Manufacturer	-	ZHUHAI LANDA COMPRESSOR CO.,LTD	ZHUHAI LANDA COMPRESSOR CO.,LTD	ZHUHAI LANDA COMPRESSOR CO.,LTD	ZHUHAI LANDA COMPRESSOR CO.,LTD
Compressor Model1	-	QXFW-D318zX035	QXFW-D318zX035	QXAW-F518zX440C	QXAW-F518zX440C
Compressor Type1	-	Inverter Rotary	Inverter Rotary	Inverter Rotary	Inverter Rotary
Compressor Rated Load Amp (RLA)	A	14.9	17	27	28.5
Compressor Crankcase	W	40	40	40	40
Compressor Refrigerant Oil Type	-	FW68DA or equivalent	FW68DA or equivalent	FV50S or equivalent	FV50S or equivalent
Compressor Refrigerant Oil Charge Volume	L	0.95	0.95	1.35	1.35

Chassis Electrical Heater Power Input	W	160	160	160	160
Chassis Electrical Heater Current	A	/	/	/	/
Fan Type	-	Axial-flow	Axial-flow	Axial-flow	Axial-flow
Fan Quantity	-	1	1	1	1
Fan Diameter-height	mm	550-66	550-66	570 - 152	570 - 152
Fan Diameter-height	inch	21 2/3-2 3/5	21 2/3-2 3/5	22.4—5.98	22.4—5.98
Motor Model	-	LW92S-ZL	LW92S-ZL	SWZ150A	SWZ150A
Motor Type	-	DC motor	DC motor	DC motor	DC motor
Motor Insulation Class	-	B/E	B/E	B/E	B/E
Motor Safe Class	-	IPX4	IPX4	IPX4	IPX4
Fan Motor Drive Type	-	Direct drive	Direct drive	Direct drive	Direct drive
Fan Motor Speed	rpm	880	880	940	940
Fan Motor Power Output	W	90	90	90	90
Condenser Material	-	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
Condenser Face Area	m2	0.68	0.68	1.07	1.07
Condenser Face Area	sq.ft	7.32	7.32	11.517	11.517
Condenser Pipe Diameter	mm	φ7.94	φ7.94	φ7.94	φ7.94
Condenser Pipe Diameter	inch	0 ???/??	0 ???/??	0 ???/??	0 ???/??
Condenser Number of Rows	-	2	2	3	3
Condenser Tube Pitch(a)×Row Pitch(b)	mm	22×19.05	22×19.05	22×19.05	22×19.05
Condenser Fin Pitch	mm	1.4	1.4	1.5	1.5
Condenser Fins per Inch(FPI)	-	18	18	17	17
Condenser Fin Type	-	corrugated fin	corrugated fin	corrugated fin	corrugated fin
Condenser Fin Colour	-	Blue	Blue	Blue	Blue
Condenser Number of Circuits	-	8in-4out	8in-4out	8in-8out	8in-8out
Condenser Length(L) × Height(H) × Width(W)	mm	982.2×748×38.1	982.2×748×38.1	891×1056×57.15	891×1056×57.15
Condenser Max. Allowable Pressure	MPa	10	10	10	10
Permissible Excessive Operating Pressure for the Discharge Side	MPa	4.3	4.3	4.3	4.3
Permissible Excessive Operating Pressure for the Suction Side	MPa	2.5	2.5	2.5	2.5

Maximum Allowable Pressure	MPa	4.3	4.3	4.3	4.3
High Presser Overload Protector	MPa	4.4	4.4	4.6	4.6
Low Presser Overload Protector	MPa	/	/	/	/
Maximum drive IDU NO.	unit	2	3	4	5
Defrosting Method	--	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting
Isolation	-	I	I	I	I
Moisture Protection	--	IPX4	IPX4	IPX4	IPX4
Climate Type	-	T1	T1	T1	T1
Refrigerant	-	R410A	R410A	R410A	R410A
Refrigerant Charge	kg	2.2	2.7	4.5	5
Refrigerant Charge	oz	77.62	95.26	158.73	176.37
Throttling Method	-	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Width	inch	39.48	39.48	42.79	42.79
Depth	inch	16.81	16.81	17.32	17.32
Height	inch	31.1	31.1	43.44	43.44
Net Weight	lb	171.99	174.195	280.035	282.24
Gross Weight	lb	183.015	185.22	297.675	299.88
Connection Pipe Connection Method	-	Flare Connection	Flare Connection	Flare Connection	Flare Connection
Not Additional Gas Connection Pipe Length	ft	65.6	98.4	131.2	131.2
Connection Pipe Gas Additional Charge	oz/ft.	0.215	0.215	0.215	0.215
Low Ambient Cooling Function		YES	YES	YES	YES
Defrosting Time Set Function		NO	NO	NO	NO
Low Voltage Startup		YES	YES	YES	YES
Compressor With Electric Heater		YES	YES	YES	YES
Chassis With Electric Heater		YES	YES	YES	YES
		GWHD(18)ND3EO.BZ00000	GWHD(24)ND3EO.BZ00000	GWHD36ND3EO.BZ00000	GWHD36ND3EO.BZ00000