



## TECHNICAL SPECIFICATIONS

### SPLIT-TYPE INVERTER

SR NO	PARAMETER	UNIT	VALUE	VALUE	VALUE	VALUE
1	MODEL	—	9K	12K	18K	24K
2	PRODUCT CODE	—	—	—	—	—
3	POWER SUPPLY	RATED VOLTAGE	V~	208/230	208/230	208/230
4		RATED FREQUENCY	HZ	60	60	60
5		PHASES	—	1	1	1
6	POWER SUPPLY MODE	—	OUTDOOR	OUTDOOR	OUTDOOR	OUTDOOR
7	CROSS-SECTIONAL AREA OF POWER CABLE CONDUCTOR	MM <sup>2</sup>	1.3<AWG16>	16AWG	2.1<AWG14>	2.1<AWG14>
8	RECOMMENDED POWER CABLE (CORE)	N	3	3	3	3
9	MIN/MAX. VOLTAGE	V	187/253	187/253	187/253	187/253
10	COOLING CAPACITY	W	2667	3517	5100	6450
11	COOLING CAPACITY	BTU/H	9100	12000	17400	22000
12	MIN. COOLING CAPACITY	W	720	300	1200	1730
13	MIN. COOLING CAPACITY	BTU/H	2457	1024	4094	5900
14	MAX. COOLING CAPACITY	W	2814	3700	5800	7400
15	MAX. COOLING CAPACITY	BTU/H	9600	12624	20000	25200
16	HEATING CAPACITY	W	2784	3810	5275	7034
17	HEATING CAPACITY	BTU/H	9500	13000	18000	24000
18	MIN. HEATING CAPACITY	W	720	700	1200	1310
19	MIN. HEATING CAPACITY	BTU/H	2457	2388	4100	4500
20	MAX. HEATING CAPACITY	W	3371	4000	6200	7600
21	MAX. HEATING CAPACITY	BTU/H	11500	13648	21000	25900
22	COOLING POWER INPUT	W	889	1297	2040	1950
23	MIN. COOLING POWER INPUT	W	185	180	200	360
24	MAX. COOLING POWER INPUT	W	1100	1500	2300	2500
25	HEATING POWER INPUT	W	774	1172	1758	2070
26	MIN. HEATING POWER INPUT	W	170	260	300	330
27	MAX. HEATING POWER INPUT	W	1350	1450	2400	2900
28	COOLING CURRENT	A	4.3	5.6	9	8.50
29	HEATING CURRENT	A	3.8	5.1	7.8	8.50
30	RATED INPUT	W	1350	1500	2400	2900
31	RATED CURRENT	A	6.3	6.5	10	11.00
32	RATED HEATING CURRENT	A	6.2	6.3	10.5	10.00
33	MAX. OVER CURRENT PROTECTION	A	15	15	20	30
34	MIN. CURRENT (MCA)	A	10	9	15	19
35	STARTING CURRENT	A	/	/		5
36	EER	W/W	3.00	2.71	2.50	3.31
37	EER	(BTU/H)/W	10.25	9.25	8.53	11.25
38	COP	W/W	3.60	3.25	3.0	3.40

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39	COP		(BTU/H)/W	12.27	11.09	10.24	11.75
40	SEER		—	17	17	16	19.00
41	HSPF		—	9	9	9	10.00
42	AIR FLOW VOLUME		M <sup>3</sup> /H	500/460/400/310	630/500/400/310	800/700/650/570	1150/1000/800/700
43	AIR FLOW VOLUME		CFM	294/271/235/182	371/294/235/182	471/412/383/335	677/588/471/412
44	DEHUMIDIFYING VOLUME		L/H	0.8	1.4	1.80	2
45	DEHUMIDIFYING VOLUME		PINT/D	1.69	2.96	3.80	4.23
46	APPLICATION AREA		M <sup>2</sup>	12-18	16-24	21-31	23-34
47	INDOOR UNIT	INDOOR UNIT MODEL	—	9K	12K	18K	24K
48	INDOOR UNIT	FAN TYPE	—	CROSS-FLOW	CROSS-FLOW	CROSS-FLOW	CROSS-FLOW
49	INDOOR UNIT	FAN DIAMETER LENGTH (D×L)	MM	98×580	98×633.5	106×706	108×830
50	INDOOR UNIT	FAN DIAMETER LENGTH (D×L)	INCH	20/64×22 53/64		/	4 1/4×32 2/3
51	INDOOR UNIT	COOLING SPEED	R/MIN	1300/1200/1050/800	1350/1200/1000/800	1350/1200/1050/900	1300/1150/1000/850
52	INDOOR UNIT	HEATING SPEED	R/MIN	1300/1200/1050/900	1350/1200/1000/900	1300/1200/1100/900	1300/1150/1000/850
53	INDOOR UNIT	FAN MOTOR POWER OUTPUT	W	20	20	60	30
54	INDOOR UNIT	FAN MOTOR RLA	A	0.22	0.31	0.40	0.55
55	INDOOR UNIT	FAN MOTOR CAPACITOR	F	1	1.5	2.5	3
56	INDOOR UNIT	EVAPORATOR FORM	—	ALUMINUM FIN-COPPER TUBE	ALUMINUM FIN-COPPER TUBE	ALUMINUM FIN-COPPER TUBE	ALUMINUM FIN-COPPER TUBE
57	INDOOR UNIT	EVAPORATOR PIPE DIAMETER	MM	5	5	7	7
58	INDOOR UNIT	EVAPORATOR PIPE DIAMETER	INCH	13/64		/	0 ?/?
59	INDOOR UNIT	EVAPORATOR ROW-FIN GAP	MM	2-1.4	2-1.4	2-1.4	2-1.4
60	INDOOR UNIT	EVAPORATOR ROW-FIN GAP	INCH	2-4/64		/	2-1/18
61	INDOOR UNIT	EVAPORATOR COIL LENGTH (L×D×W)	MM	584×22.8×266.7	635×22.8×306.3	715×25.4×304.8	845×25.4×342.9
62	INDOOR UNIT	EVAPORATOR COIL LENGTH (L×D×W)	INCH	22 63/64×57/64×10 30/64		/	33 1/4×1×13 1/2
63	INDOOR UNIT	SWING MOTOR MODEL	—	MP24AA	MP24BA	MP35CJ	MP35CJ
64	INDOOR UNIT	SWING MOTOR POWER OUTPUT	W	1.5	1.5	2.5	2.5
65	INDOOR UNIT	FUSE CURRENT	A	3.15	3.15	3.15	3.15
66	INDOOR UNIT	SET TEMPERATURE RANGE	°C	16~30	16~30	16~30	16~30
67	INDOOR UNIT	SET TEMPERATURE RANGE	°F	61~86	61~86	61~86	61~86
68	INDOOR UNIT	SOUND PRESSURE LEVEL	DB (A)	39/37/33/26	42/39/34/28	47/44/40/35	49/45/41/37
69	INDOOR UNIT	SOUND POWER LEVEL	DB (A)	49/47/43/36	52/49/44/38	57/54/50/45	59/55/51/47
70	INDOOR UNIT	DIMENSION (W×H×D)	MM	790×275×200	845×289×209	970×300×224	1078×325×246

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71	INDOOR UNIT	DIMENSION (W×H×D)	INCH	31 7/64×10 53/64×7 56/64	33.266×11.375×8.234	38 ×12 ×9	42 ×13 ×10
72	INDOOR UNIT	DIMENSION OF CARTON BOX (L×W×H)	MM	850×339×262	918×278×364	1038×380×305	1124×400×329
73	INDOOR UNIT	DIMENSION OF CARTON BOX (L×W×H)	INCH	33 30/64×13 22/64×10 20/64	36.141×10.938×14.328	41×15 ×12	44 ×16 ×13
74	INDOOR UNIT	DIMENSION OF PACKAGE (L×W×H)	MM	852×355×273	921×281×379	1041×383×320	1129×408×339
75	INDOOR UNIT	DIMENSION OF PACKAGE (L×W×H)	INCH	33 35/64×13 62/64×10 48/64	36.266×11.062×14.922	41 ×15 × 13	44 ×16 ×13
76	INDOOR UNIT	STACKED LAYERS	—	8	7	7	7
77	INDOOR UNIT	NET WEIGHT	KG	9	10	13.5	17.0
78	INDOOR UNIT	NET WEIGHT	LB	19.8	22.0	29.8	37.5
79	INDOOR UNIT	GROSS WEIGHT	KG	11.0	12	16.5	20.5
80	INDOOR UNIT	GROSS WEIGHT	LB	24.3	26.5	36.4	45.2
81	OUTDOOR UNIT	OUTDOOR UNIT MODEL	—	GWH09QB-D3DNB2J/O <LCLH>	GWH12QC-D3DNB2M/O <LCLH>	GWH18QD-D3DNB2L/O <LCLH>	GWH24QE-D3DNB2R/O <LCLH>
82	OUTDOOR UNIT	COMPRESSOR TRADEMARK		GREE	GREE	GREE	GREE
83	OUTDOOR UNIT	COMPRESSOR MANUFACTURER	—	ZHUHAI LANDA COMPRESSOR CO. LTD	ZHUHAI LANDA COMPRESSOR CO. LTD	ZHUHAI LANDA COMPRESSOR CO. LTD	ZHUHAI LANDA COMPRESSOR CO. LTD
84	OUTDOOR UNIT	COMPRESSOR MODEL	—	QXF-A079ZE190A	QXF-A102ZE190B	QXA-B141ZF030A	QXFS-B181ZX030AA
85	OUTDOOR UNIT	COMPRESSOR OIL	—	FW68DA OR EQUIVALENT	FW68DA	RB68EP OR EQUIVALENT	FW68DA OR EQUIVALENT
86	OUTDOOR UNIT	COMPRESSOR TYPE	—	ROTARY	ROTARY	ROTARY	TWIN ROTARY
87	OUTDOOR UNIT	COMPRESSOR LRA.	A	18	/	25.00	25.00
88	OUTDOOR UNIT	COMPRESSOR RLA	A	6.6	6.6	10.20	13.00
89	OUTDOOR UNIT	COMPRESSOR POWER INPUT	W	790	1023	1440	1635
90	OUTDOOR UNIT	COMPRESSOR OVERLOAD PROTECTOR	—	HPC115/95U1 KSD115°C	HPC115/95U1/KSD115°C	1NT11L-6233 KSD115°C HPC 115/95	1NT11L-6233 KSD115°C HPC 115/95
91	OUTDOOR UNIT	FAN TYPE	—	AXIAL-FLOW	AXIAL-FLOW	AXIAL-FLOW	AXIAL-FLOW
92	OUTDOOR UNIT	FAN DIAMETER	MM	400	394	480	520
93	OUTDOOR UNIT	FAN DIAMETER	INCH	15 48/64		/	20 ??
94	OUTDOOR UNIT	FAN MOTOR SPEED	RPM	900	900	820	800
95	OUTDOOR UNIT	FAN MOTOR POWER OUTPUT	W	30	30	60	60
96	OUTDOOR UNIT	FAN MOTOR RLA	A	0.37	0.37	0.70	0.65
97	OUTDOOR UNIT	FAN MOTOR CAPACITOR	F	/	2.5	/	/
98	OUTDOOR UNIT	OUTDOOR UNIT AIR FLOW VOLUME	M <sup>3</sup> /H	1600	1600	3000	3200
99	OUTDOOR UNIT	CONDENSER FORM	—	ALUMINUM FIN-COPPER TUBE	ALUMINUM FIN-COPPER TUBE	ALUMINUM FIN-COPPER TUBE	ALUMINUM FIN-COPPER TUBE
100	OUTDOOR UNIT	CONDENSER PIPE DIAMETER	MM	7	7.94	7.94	7
101	OUTDOOR UNIT	CONDENSER PIPE DIAMETER	INCH	18/64		/	0
102	OUTDOOR UNIT	CONDENSER ROWS-FIN GAP	MM	1-1.4	1-1.4	1-1.3	2-1.4

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103	OUTDOOR UNIT	CONDENSER ROWS-FIN GAP	INCH	1-4/64		/	2-1/18
104	OUTDOOR UNIT	CONDENSER COIL LENGTH (L×D×W)	MM	710×19.05×508	731×19.05×550	838.5×19.05×616	804×38.1×616
105	OUTDOOR UNIT	CONDENSER COIL LENGTH (L×D×W)	INCH	27 61/64×48/64×20		/	31 2/3×1 1/2×24 1/4
106	OUTDOOR UNIT	PERMISSIBLE EXCESSIVE OPERATING PRESSURE FOR THE DISCHARGE SIDE	MPA	4.3	4.3	4.3	4.3
107	OUTDOOR UNIT	PERMISSIBLE EXCESSIVE OPERATING PRESSURE FOR THE SUCTION SIDE	MPA	2.5	2.5	2.5	2.5
108	OUTDOOR UNIT	MAXIMUM ALLOWABLE PRESSURE	MPa	4.3	4.3	4.3	4.3
109	OUTDOOR UNIT	COOLING OPERATION AMBIENT TEMPERATURE RANGE	°C	-18~46	-18~46	-18~46	-18~46
110	OUTDOOR UNIT	COOLING OPERATION AMBIENT TEMPERATURE RANGE	°F	0~115	0~115	0~115	0~115
111	OUTDOOR UNIT	HEATING OPERATION AMBIENT TEMPERATURE RANGE	°C	-20~24	-20~24	-20~24	-20~24
112	OUTDOOR UNIT	HEATING OPERATION AMBIENT TEMPERATURE RANGE	°F	-4~75	-4~75	-4~75	-4~75
113	OUTDOOR UNIT	THROTTLING METHOD	—	CAPILLARY	CAPILLARY	ELECTRON EXPANSION VALVE	ELECTRON EXPANSION VALVE
114	OUTDOOR UNIT	DEFROSTING METHOD	—	AUTOMATIC DEFROSTING	/	AUTOMATIC DEFROSTING	AUTOMATIC DEFROSTING
115	OUTDOOR UNIT	CLIMATE TYPE	—	T1	T1	T1	T1
116	OUTDOOR UNIT	CLIMATE ZONE	—	TEMPERATE ZONE	TEMPERATE ZONE	TEMPERATE ZONE	SUBTROPICAL ZONE
117	OUTDOOR UNIT	ISOLATION	—	I	I	I	I
118	OUTDOOR UNIT	MOISTURE PROTECTION	—	IPX4	IPX4	IPX4	IPX4
119	OUTDOOR UNIT	SOUND PRESSURE LEVEL	DB (A)	50	50	56	59
120	OUTDOOR UNIT	SOUND POWER LEVEL	DB (A)	60	60	66	69
121	OUTDOOR UNIT	DIMENSION (W×H×D)	MM	782×540×320	782×540×320	912×646×373	912×646×373
122	OUTDOOR UNIT	DIMENSION (W×H×D)	INCH	30 50/64×21 17/64×12 38/64	30.781×21.266×12.594	35 58/64×25 28/64×14 44/64	36 ×25 ×15
123	OUTDOOR UNIT	DIMENSION OF CARTON BOX (L×W×H)	MM	820×355×580	820×355×580	960×408×680	960×408×680
124	OUTDOOR UNIT	DIMENSION OF CARTON BOX (L×W×H)	INCH	32 18/64×13 62/64×22 53/64	32.281×13.969×22.828	37 51/64×16 4/64×26 49/64	38 ×16 ×27
125	OUTDOOR UNIT	DIMENSION OF PACKAGE (L×W×H)	MM	823×358×600	823×358×595	963×411×700	963×411×700
126	OUTDOOR UNIT	DIMENSION OF PACKAGE (L×W×H)	INCH	32 26/64×14 6/64×23 40/64	32.406×14.094×23.422	37 58/64×16 12/64×27 36/64	38 ×16 ×28

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127	OUTDOOR UNIT	STACKED LAYERS	—	5	5	4	4
128	OUTDOOR UNIT	NET WEIGHT	KG	26.5	28.5	39.5	44
129	OUTDOOR UNIT	NET WEIGHT	LB	58.4	62.8	87.1	97.0
130	OUTDOOR UNIT	GROSS WEIGHT	KG	29.0	31	42.5	47
131	OUTDOOR UNIT	GROSS WEIGHT	LB	63.9	68.4	93.7	103.6
132	OUTDOOR UNIT	REFRIGERANT	—	R410A	R410A	R410A	R410A
133	OUTDOOR UNIT	REFRIGERANT CHARGE	KG	0.68	0.8	1.2	1.5
134	OUTDOOR UNIT	REFRIGERANT CHARGE	OZ	24.0	28.2	42.3	52.9
135	CONNECTION PIPE	LENGTH	M	7.5	7.5	7.5	7.5
136	CONNECTION PIPE	LENGTH	FT	24.6	24.6	24.6	0.0
137	CONNECTION PIPE	GAS ADDITIONAL CHARGE	G/M	20	20	20	50
138	CONNECTION PIPE	GAS ADDITIONAL CHARGE	OZ/FT.	0.2	0.2	0.2	0.5
139	CONNECTION PIPE	OUTER DIAMETER OF LIQUID PIPE (GREE ALLOCATION) (METRIC)	MM	6	6	6	6
140	CONNECTION PIPE	OUTER DIAMETER OF LIQUID PIPE (BRITISH SYSTEM ALLOCATION)	INCH	1/4"	1/4"	1/4"	1/4"
141	CONNECTION PIPE	OUTER DIAMETER OF GAS PIPE (GREE ALLOCATION) (METRIC)	MM	9.52	9.52	12	16
142	CONNECTION PIPE	OUTER DIAMETER OF GAS PIPE (BRITISH SYSTEM ALLOCATION)	INCH	3/8"	3/8"	1/2"	5/8"
143	CONNECTION PIPE	MAX DISTANCE HEIGHT	M	10	10	10	10
144	CONNECTION PIPE	MAX DISTANCE HEIGHT	FT	32.8	32.8	32.8	32.8
145	CONNECTION PIPE	MAX DISTANCE LENGTH	M	15	20	25	25
146	CONNECTION PIPE	MAX DISTANCE LENGTH	FT	49.2	65.6	82.0	82.0
147	LOADING QUANTITY	"LOADING QUANTITY (20' CONTAINER)"	UNIT	115	104	71	64
148	LOADING QUANTITY	"LOADING QUANTITY (40' CONTAINER)"	UNIT	234	211	144	131
149	LOADING QUANTITY	"LOADING QUANTITY (40' HIGH CUBE CONTAINER)"	UNIT	263	252	164	151
<b>AIR CONDITION FUNCTION</b>							
150	FUNCTION	AUTOMATIC OPERATION		YES	YES	YES	YES
151	FUNCTION	COOLING		YES	YES	YES	YES
152	FUNCTION	HEATING		YES	YES	YES	YES
153	FUNCTION	DEHUMIDIFY		YES	YES	YES	YES

SR NO	PARAMETER		UNIT	VALUE	VALUE	VALUE	VALUE
154	FUNCTION	FAN		YES	YES	YES	YES
155	FUNCTION	SLEEP MODE		NORMAL SLEEP MODE	NORMAL SLEEP MODE	NORMAL SLEEP MODE	NORMAL SLEEP MODE
156	FUNCTION	AUTO SWING (VERTICAL AUTO SWING)		YES	YES	YES	YES
157	FUNCTION	AUTO SWING (HORIZONTAL AUTO SWING)		NO	NO	NO	NO
158	FUNCTION	AUTO FAN		YES	YES	YES	YES
159	FUNCTION	QUIET		NO	NO	NO	NO
160	FUNCTION	I FEEL		NO	YES	YES	YES
161	FUNCTION	ANION		NO	NO	NO	NO
162	FUNCTION	COLD PLASMA		NO	NO	NO	NO
163	FUNCTION	INTELLIGENT PREHEATING		YES	YES	YES	YES
164	FUNCTION	FRESH AIR		NO	NO	NO	NO
165	FUNCTION	DRY ANTI-MILDEW DESIGN		YES	YES	YES	YES
166	FUNCTION	SEVERAL OPTIONAL FILTERS (EG: ACTIVE CARBON)		OPTIONAL	OPTIONAL	YES	OPTIONAL
167	FUNCTION	AUTO CLEAN		YES	YES	YES	YES
168	FUNCTION	TIMER		YES	YES	YES	YES
169	FUNCTION	AUTO RESTART		YES	YES	YES	YES
170	FUNCTION	TURBO		YES	YES	YES	YES
171	FUNCTION	CLOCK		YES	YES	YES	YES
172	FUNCTION	TEMPERATURE		YES	YES	YES	YES
173	FUNCTION	SOFT START		YES	YES	YES	YES
174	FUNCTION	SELF DIAGNOSIS		YES	YES	YES	YES
175	FUNCTION	LOCK		YES	YES	YES	YES
176	FUNCTION	CO DETECTION		NO	NO	NO	NO
177	FUNCTION	CO <sub>2</sub> DETECTION		NO	NO	NO	NO
178	FUNCTION	FILTER DIRTY ALARM		NO	NO	NO	NO
179	FUNCTION	INTELLIGENT OPEN-CLOSE PANEL		NO	NO	NO	NO
180	FUNCTION	COMPRESSOR ELECTRIC HEATER FUNCTION		NO	YES	NO	YES
181	FUNCTION	CHASSIS ELECTRIC HEATER FUNCTION		YES	YES	YES	YES
182	FUNCTION	QUICK CONNECTOR		NO	NO	NO	NO
183	FUNCTION	LCD (NO BACK LIGHT)		YES	YES	YES	YES
184	FUNCTION	LCD (BACK LIGHT)		NO	NO	NO	NO
185	FUNCTION	LED		YES	YES	YES	YES
186	FUNCTION	INTELLIGENT DEFROSTING		YES	YES	YES	YES
187	FUNCTION	FORCE DEFROSTING		YES	YES	YES	YES
188	FUNCTION	AUXILIARY ELECTRICAL HEATER		NO	NO	NO	YES
189	FUNCTION	ENERGY SAVING		NO	YES	YES	YES

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190	FUNCTION	8°C HEATING MODE		YES	YES	YES	YES
191	FUNCTION	TURBO COOLING		YES	YES	YES	YES
192	FUNCTION	HIGH-VOLTAGE ELECTROSTATIC DEDUST		NO	NO	NO	NO
193	FUNCTION	LOW AMBIENT COOLING		YES	YES	YES	YES
194	FUNCTION	LOW AMBIENT HEATING		YES	YES	YES	YES
195	FUNCTION	LOW VOLTAGE STARTUP		YES	YES	NO	YES
196	FUNCTION	STANDBY		YES	NO	YES	NO