

Technical Specifications					
Split-type Inverter					
ST No.	Parameter	Unit	Value		
1	Model	--	GWH09QB-K3DNB4C	GWH12QB-K3DNB4C	GWH18QB-K3DNB4C
2	Product Code	--	CB434002401	CB434002501	CB434002601
3	Power Supply	Rated Voltage	V~	220-240	220-240
4		Rated Frequency	Hz	50	50
5		Phases	--	1	1
6	Power Supply Mode	--	Outdoor	Outdoor	Outdoor
7	Cross-sectional Area of Power Cable Conductor	mm ²	1.00	1.00	1.00
8	Recommended Power Cable(Core)	N	3	3	3
9	Min/Max. Voltage	V	198/264	198/264	198/264
10	Cooling Capacity	W	2500	3200	4600
11	Cooling Capacity	Btu/h	8530	10918.4	15695.2
12	Min. Cooling Capacity	W	600	600	650
13	Min. Cooling Capacity	Btu/h	2047	2047	2218
14	Max. Cooling Capacity	W	2800	3600	5200
15	Max. Cooling Capacity	Btu/h	9554	12965	17742
16	Pdesignc	kW	2.50	3.20	4.60
17	Heating Capacity	W	2800	3400	5000
18	Heating Capacity	Btu/h	9553.6	11600.8	17060
19	Min. Heating Capacity	W	600	600	700
20	Min. Heating Capacity	Btu/h	2047.2	2047.2	2388.4
21	Max. Heating Capacity	W	3200	3800	5275
22	Max. Heating Capacity	Btu/h	10918	12966	17998
23	Pdesignh(Average)	kW	2.50	3.20	3.30
24	Pdesignh(Warmer)	kW	2.50	3.20	3.30
25	Pdesignh(Colder)	kW	4.00	4.80	5.00
26	Cooling Power Input	W	780	997	1430
27	Min. Cooling Power Input	W	120	120	150
28	Max. Cooling Power Input	W	1300	1400	1860
29	Heating Power Input	W	775	942	1380
30	Min. Heating Power Input	W	120	120	160
31	Max. Heating Power Input	W	1400	1500	1680
32	Cooling Current	A	3.60	4.50	6.34
33	Heating Current	A	3.50	4.4	6.12
34	Rated Input	W	1400	1500	1860
35	Rated Current	A	6.70	7.2	8.25
36	Rated Heating Current	A	7.20	7.7	7.45
37	Max. Over Current Protection	A	/	/	/
38	Min. Current (MCA)	A	/	/	/
39	Starting Current	A	/	/	/
40	EER	W/W	3.21	3.21	3.22
41	EER	(Btu/h)/w	10.95	10.95	10.98
42	COP	W/W	3.61	3.61	3.62
43	COP	(Btu/h)/w	12.30	12.30	12.30
44	R	--			
45	SEER	--	6.10	6.10	6.10
46	HSPF	--	/	/	/
47	SCOP(Average)	--	4.00	4.00	4.00
48	SCOP(Warmer)	--	5.10	5.10	5.10
49	SCOP(Colder)	--	3.30	3.30	3.30
	AEER		/	/	/
	ACOP		/	/	/
50	APF	W/W	/	/	/
51	Energy Class	--	A++ (Cooling) /A+ (Average) / A+++ (Warmer) /B<Colder>	A++ (Cooling) /A+ (Average) / A+++ (Warmer) /B<Colder>	A++ (Cooling) /A+ (Average) / A+++ (Warmer) / B<Colder>
52	Air Flow Volume	m ³ /h	480/370/320/210	560/480/410/290	850/720/610/520
53	Air Flow Volume	CFM	282.48/217.745/188.32/123.585	329.56/282.48/241.285/170.665	500.225/423.72/358.985/306.02

54	Dehumidifying Volume	L/h	0.80	1. 40	1. 80
55	Dehumidifying Volume	PINT/D	1.69	2. 96	3. 80
56	Application Area	m ²	12-18	15-22	21-31
57	Indoor Unit	Indoor Unit Model	--	GWH09QB-K3DNB4C/I	GWH12QB-K3DNB4C/I
58		Fan Type	--	Cross-flow	Cross-flow
59		Fan Diameter Length(D×L)	mm	Φ98×580	Φ106×706
60		Fan Diameter Length(D×L)	inch	3 6/7×22 5/6	4 1/6×27 4/5
61		Cooling Speed	r/min	1300/1200/1050/800	1230/1130/1030/800
62		Heating Speed	r/min	1300/1200/1050/900	1350/1200/1050/900
63		Fan Motor Power Output	W	20	/
64		Fan Motor RLA	A	0.215	0. 35
65		Fan Motor Capacitor	μF	1	2. 5
66		Heater Power Input	W	/	/
67		Evaporator Form	--	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
68		Evaporator Pipe Diameter	mm	φ5	φ 7
69		Evaporator Pipe Diameter	inch	0.286	0. 286
70		Evaporator Row-fin Gap	mm	2-1.4	2-1. 4
71		Evaporator Row-fin Gap	inch	2-1/18	2-1/18
72		Evaporator Coil Length (L×D×W)	mm	584×22.8×266.7	715×25. 4×304. 8
73		Evaporator Coil Length (L×D×W)	inch	23×7/8×10 8/16	28 1/7×1×12
74		Swing Motor Model	--	MP24AA	MP35CJ
75		Swing Motor Power Output	W	1.5	2. 5
76		Fuse Current	A	3.15	3. 15
77		Set Temperature Range	°C	16~30	16~30
78		Set Temperature Range	°F	61~86	61~86
79		Sound Pressure Level	dB (A)	40/36/34/29	45/41/37/33
80		Sound Power Level	dB (A)	50/47/44/39	58/53/50/45
81		Dimension (W×H×D)	mm	790×275×200	970×300×224
82		Dimension (W×H×D)	inch	31.102×10.827×7.874	38.189×11.811×8.819
83		Dimension of Carton Box (L×W×H)	mm	850×339×262	1038×380×305
84		Dimension of Carton Box (L×W×H)	inch	33.464×13.346×10.315	40.866×14.961×12.008
85		Dimension of Package(L×W×H)	mm	852×355×273	1041×383×320
86		Dimension of Package(L×W×H)	inch	33.543×13.976×10.748	40.984×15.079×12.598
87		Stacked Layers	—	7	7
88		Net Weight	kg	9	13. 5
89		Net Weight	lb	19.845	29. 768
90		Gross Weight	kg	11	16. 5
91		Gross Weight	lb	24.255	36. 382

92	Outdoor Unit	Outdoor Unit Model	--	GWH09QB-K3DNA6C/O	GWH12QB-K3DNA6C/O	GWH18QD-K3DNA6C/O
93		Compressor Trademark		GREE	GREE DAIKIN	GREE DAIKIN
94		Compressor Manufacturer	--	ZHUHAI LANDA COMPRESSOR CO., LTD	ZHUHAI GREE DAIKIN DEVICE CO., LTD	ZHUHAI GREE DAIKIN DEVICE CO., LTD
95		Compressor Model	--	QXA-A091zE190A	1GDY23AXD	1GDY23AXD
96		Compressor Oil	--	68EP	FVC50K	FVC50K
97		Compressor Type	--	Rotary	Swing	Swing
98		Compressor LRA.	A	16.50	16.50	16.50
99		Compressor RLA	A	4.50	4.00	4.00
100		Compressor Power Input	W	942	845	845
101		Compressor Overload Protector	--	1NT11L-6233	KSD115℃ HPC115/95	KSD115℃ HPC115/95
102		Fan Type	--	Axial-flow	Axial-flow	Axial-flow
103		Fan Diameter	mm	400	438	438
104		Fan Diameter	inch	15.748	17.244	17.244
105		Fan Motor Speed	rpm	900	900	900
106		Fan Motor Power Output	W	30	30	30
107		Fan Motor RLA	A	0.4	0.4	0.4
108		Fan Motor Capacitor	μF	/	/	/
109		Outdoor Unit Air Flow Volume	m ³ /h	1600	2200	2200
110		Condenser Form	--	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
111		Condenser Pipe Diameter	mm	φ7	φ7.94	φ7
112		Condenser Pipe Diameter	inch	0.276	0.313	0.286
113		Condenser Rows-fin Gap	mm	1-1.4	1-1.4	1-1.4
114		Condenser Rows-fin Gap	inch	1-7/127	1-7/127	1-7/127
115		Condenser Coil Length (L×D×W)	mm	710×19.05×506	731×19.05×550	742×38.1×550
116		Condenser Coil Length (L×D×W)	inch	27 20/21×3/4×20	28 7/9×3/4×21 2/3	29 1/5×1 1/2×21 2/3
117		Permissible Excessive Operating Pressure for the Discharge Side	MPa	4.3	4.3	4.3
118		Permissible Excessive Operating Pressure for the Suction Side	MPa	2.5	2.5	2.5
119		Maximum Allowable Pressure	MPa	4.3	4.3	4.3
120		Cooling Operation Ambient Temperature Range	℃	-15~48	-15~48	-15~48
121		Cooling Operation Ambient Temperature Range	℉	5~118	5~118	5~118
122		Heating Operation Ambient Temperature Range	℃	-22~24	-22~24	-22~24
123		Heating Operation Ambient Temperature Range	℉	-8~75	-8~75	-8~75
124		Throttling Method	--	Capillary	Capillary	Capillary
125		Defrosting Method	--	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting
126		Climate Type	--	T1	T1	T1
127		Climate Zone	--	Temperate Zone	Temperate Zone	Temperate Zone
128		Isolation	--	I	I	I
129		Moisture Protection	--	IP24	IP24	IP24
130		Sound Pressure Level	dB (A)	51	52	54
131		Sound Power Level	dB (A)	60	61	63
132		Dimension (W×H×D)	mm	776×540×320	842×596×320	842×596×320
133		Dimension (W×H×D)	inch	30.551×21.26×12.598	33.15×23.465×12.598	33.15×23.465×12.598
134		Dimension of Carton Box (L×W×H)	mm	820×355×580	878×360×630	878×360×630
135		Dimension of Carton Box (L×W×H)	inch	32.283×13.976×22.835	34.567×14.173×24.803	34.567×14.173×24.803
136		Dimension of Package(L×W×H)	mm	823×358×595	881×363×645	881×363×645
137		Dimension of Package(L×W×H)	inch	32.402×14.094×23.425	34.685×14.291×25.394	34.685×14.291×25.394
138		Stacked Layers	--	4	4	4
139		Net Weight	kg	26.5	31	33.5
140		Net Weight	lb	58.433	68.355	73.868
141		Gross Weight	kg	29	34	36.5
142		Gross Weight	lb	63.945	74.97	80.482
143		Refrigerant	--	R410A	R410A	R410A
144		Refrigerant Charge	kg	0.7	0.85	1.2
145		Refrigerant Charge	oz	24.7	30.0	42.3

146	Connection Pipe	Length	m	5	5	5
147		Length	ft	16.4	16.4	16.4
148		Gas Additional Charge	g/m	20	20	20
149		Gas Additional Charge	oz/ft.	0.215	0.215	0.215
150		Outer Diameter of Liquid Pipe(GREE Allocation)(Metric)	mm	φ6	φ6	φ6
151		Outer Diameter of Liquid Pipe(British System Allocation)	inch	1/4"	1/4"	1/4"
152		Outer Diameter of Gas Pipe(GREE Allocation)(Metric)	mm	φ9.52	φ9.52	φ9.52
153		Outer Diameter of Gas Pipe(British System Allocation)	inch	3/8"	3/8"	3/8"
154		Max Distance Height	m	10	10	10
155		Max Distance Height	ft	32.8	32.8	32.8
156	Loading Quantity	Max Distance Length	m	15	20	20
157		Max Distance Length	ft	49.2	65.6	65.6
158		Loading Quantity (20' Container)	unit	115	95	84
159	Loading Quantity	Loading Quantity (40' Container)	unit	234	204	174
160		Loading Quantity (40' High Cube Container)	unit	263	241	203
161	Cassette Panel	Panel Outline Dimension (W×H×D)	mm	/	/	/
162		Panel Outline Dimension (W×H×D)	inch	/	/	/
163		Panel Dimension of Carton Box(L×W×H)	mm	/	/	/
164		Panel Dimension of Carton Box(L×W×H)	inch	/	/	/
165		Panel Package Dimension(L×W×H)	mm	/	/	/
166		Panel Package Dimension(L×W×H)	inch	/	/	/
167		Panel Net Weight	kg	/	/	/
168		Panel Net Weight	lb	/	/	/
169		Panel Gross Weight	kg	/	/	/
170		Panel Gross Weight	lb	/	/	/

Air Condition Function						
171	Function	Automatic Operation		YES	YES	YES
172		Cooling		YES	YES	YES
173		Heating		YES	YES	YES
174		Dehumidify		YES	YES	YES
175		Fan		YES	YES	YES
176		Sleep Mode		Normal sleep mode	Normal sleep mode	Normal sleep mode
177		Auto Swing(Vertical Auto Swing)		YES	YES	YES
178		Auto Swing(Horizontal Auto Swing)		NO	NO	NO
179		Auto Fan		YES	YES	YES
180		Quiet		NO	NO	NO
181		I Feel		NO	NO	NO
182		Anion		NO	NO	NO
183		Cold Plasma		YES	YES	YES
184		Intelligent Preheating		YES	YES	YES
185		Fresh Air		NO	NO	NO
186		Dry Anti-Mildew Design		Optional	Optional	Optional
187		Several Optional Filters (eg: Active Carbon)		Optional	Optional	Optional
188		Auto Clean		NO	NO	NO
189		Timer		YES	YES	YES
190		Auto Restart		YES	YES	YES
191		Turbo		YES	YES	YES
192		Clock		NO	NO	NO
193		Temperature		NO	NO	NO
194		Soft Start		YES	YES	YES
195		Self Diagnosis		YES	YES	YES
196		Lock		YES	YES	YES
197		CO Detection		NO	NO	NO
198		CO ₂ Detection		NO	NO	NO
199		Filter Dirty Alarm		NO	NO	NO
200		Intelligent Open-Close Panel		NO	NO	NO
201		Compressor Electric Heater Function		YES	YES	YES
202		Chassis Electric Heater Function		NO	NO	NO
203		Quick Connector		NO	NO	NO
204		LCD (No Back Light)		YES	YES	YES
205		LCD (Back Light)		NO	NO	NO
206		LED		YES	YES	YES
207		Intelligent Defrosting		YES	YES	YES
208		Force Defrosting		YES	YES	YES
209		Auxiliary Electrical Heater		NO	NO	NO
210		Energy Saving		NO	NO	NO
211		8℃ Heating Mode		NO	NO	NO
212		Turbo Cooling		YES	YES	YES
213		High-Voltage Electrostatic Dedust		NO	NO	NO
214		Low Ambient Cooling		YES	YES	YES
215		Low Ambient Heating		YES	YES	YES
216		Low Voltage Startup		YES	YES	YES
217		Standby		NO	NO	NO
218		Multi Speeds				