

Technical Specifications

Split-type Inverter			
Sr No	Parameter	Unit	Value
1	Model	--	GWH18QD-K3DNB4G
2	Product Code	--	CB434002000
3	Power Supply	Rated Voltage	V~ 220-240
4		Rated Frequency	Hz 50
5		Phases	-- 1
6	Power Supply Mode	--	Outdoor
7	Cross-sectional Area of Power Cable Conductor	mm ²	1.50
8	Recommended Power Cable(Core)	N	3
9	Min/Max. Voltage	V	198/264
10	Cooling Capacity	W	5130
11	Cooling Capacity	Btu/h	17504
12	Min. Cooling Capacity	W	1260
13	Min. Cooling Capacity	Btu/h	4299
14	Max. Cooling Capacity	W	6600
15	Max. Cooling Capacity	Btu/h	22519
16	Pdesignc	kW	5.10
17	Heating Capacity	W	5275
18	Heating Capacity	Btu/h	17998
19	Min. Heating Capacity	W	1120
20	Min. Heating Capacity	Btu/h	3821
21	Max. Heating Capacity	W	6800
22	Max. Heating Capacity	Btu/h	23202
23	Pdesignh(Average)	kW	4.10
24	Pdesignh(Warmer)	kW	5.30
25	Pdesignh(Colder)	kW	6.20
26	Cooling Power Input	W	1580
27	Min. Cooling Power Input	W	380
28	Max. Cooling Power Input	W	2450
29	Heating Power Input	W	1410
30	Min. Heating Power Input	W	350
31	Max. Heating Power Input	W	2600
32	Cooling Current	A	7.0
33	Heating Current	A	6.3
34	Rated Input	W	2600
35	Rated Current	A	10.9
36	Rated Heating Current	A	11.5
37	Max. Over Current Protection	A	/
38	Min. Current (MCA)	A	/
39	Starting Current	A	5
40	EER	W/W	3.25
41	EER	(Btu/h)/w	11.08
42	COP	W/W	3.74
43	COP	(Btu/h)/w	12.76
44	R	--	/
45	SEER	--	6.10
46	HSPF	--	/
47	SCOP(Average)	--	4.00
48	SCOP(Warmer)	--	5.40
49	SCOP(Colder)	--	3.10
	AEER		/
	ACOP		/

50	APF	W/W	/	
51	Energy Class	--	A++<Cooling>/A+<Average>/A+++<Warmer>/B<Colder>	
52	Air Flow Volume	m ³ /h	800/720/610/520	
53	Air Flow Volume	CFM	471/424/359/306	
54	Dehumidifying Volume	L/h	1.80	
55	Dehumidifying Volume	PINT/D	3.80	
56	Application Area	m ²	23-34	
57	Indoor Unit	Indoor Unit Model	-- GWH18QD-K3DNB4G/I	
58		Fan Type	-- Cross-flow	
59		Fan Diameter Length(D×L)	mm	Φ106×706
60		Fan Diameter Length(D×L)	inch	4 1/6×27 4/5
61		Cooling Speed	r/min	1230/1130/1030/900
62		Heating Speed	r/min	1250/1100/1000/900
63		Fan Motor Power Output	W	35
64		Fan Motor RLA	A	0.35
65		Fan Motor Capacitor	μF	2.5
66		Heater Power Input	W	/
67		Evaporator Form	--	Aluminum Fin-copper Tube
68		Evaporator Pipe Diameter	mm	Φ7
69		Evaporator Pipe Diameter	inch	2/7
70		Evaporator Row-fin Gap	mm	2-1.4
71		Evaporator Row-fin Gap	inch	2-1/18
72		Evaporator Coil Length (L×D×W)	mm	715×25.4×304.8
73		Evaporator Coil Length (L×D×W)	inch	28 1/7×1×12
74		Swing Motor Model	--	MP35CJ
75		Swing Motor Power Output	W	2.5
76		Fuse Current	A	3.15
77		Set Temperature Range	°C	16~30
78		Set Temperature Range	°F	61~86
79		Sound Pressure Level	dB (A)	46/42/39/36
80		Sound Power Level	dB (A)	58/54/51/48
81		Dimension (W×H×D)	mm	970×300×224
82		Dimension (W×H×D)	inch	38.189×11.811×8.819
83		Dimension of Carton Box (L×W×H)	mm	1038×380×305
84		Dimension of Carton Box (L×W×H)	inch	40.866×14.961×12.008
85		Dimension of Package(L×W×H)	mm	1041×383×320
86		Dimension of Package(L×W×H)	inch	40.984×15.079×12.598
87		Stacked Layers	—	7
88	Net Weight	kg	13.5	
89	Net Weight	lb	29.8	
90	Gross Weight	kg	16.5	
91	Gross Weight	lb	36.4	

92	Outdoor Unit	Outdoor Unit Model	--	GWH18QD-K3DNA1G/O
93		Compressor Trademark		GREE
94		Compressor Manufacturer	--	ZHUHAI LANDA COMPRESSOR CO.,LTD
95		Compressor Model	--	QXA-B141ZF030
96		Compressor Oil	--	68EP
97		Compressor Type	--	Rotary
98		Compressor LRA.	A	18
99		Compressor RLA	A	7.5
100		Compressor Power Input	W	1440
101		Compressor Overload Protector	--	1NT11L-6233
102		Fan Type	--	Axial-flow
103		Fan Diameter	mm	520
104		Fan Diameter	inch	20.472
105		Fan Motor Speed	rpm	800
106		Fan Motor Power Output	W	60
107		Fan Motor RLA	A	0.4
108		Fan Motor Capacitor	μF	/
109		Outdoor Unit Air Flow Volume	m ³ /h	3200
110		Condenser Form	--	Aluminum Fin-copper Tube
111		Condenser Pipe Diameter	mm	Φ7
112		Condenser Pipe Diameter	inch	0.276
113		Condenser Rows-fin Gap	mm	2-1.4
114		Condenser Rows-fin Gap	inch	2-1/18
115		Condenser Coil Length (L×D×W)	mm	851×38.1×660
116		Condenser Coil Length (L×D×W)	inch	33 5/8×1 1/2×26
117		Permissible Excessive Operating Pressure for the Discharge Side	MPa	4.3
118		Permissible Excessive Operating Pressure for the Suction Side	MPa	2.5
119		Maximum Allowable Pressure	MPa	4.3
120		Cooling Operation Ambient Temperature Range	°C	-15~43
121		Cooling Operation Ambient Temperature Range	°F	5~109
122		Heating Operation Ambient Temperature Range	°C	-15~24
123		Heating Operation Ambient Temperature Range	°F	5~75
124		Throttling Method	--	Capillary
125		Defrosting Method	--	Automatic Defrosting
126		Climate Type	--	T1
127		Climate Zone	--	Temperate Zone
128		Isolation	--	I
129	Moisture Protection	--	IP24	
130	Sound Pressure Level	dB (A)	56	
131	Sound Power Level	dB (A)	63	
132	Dimension (W×H×D)	mm	955×700×396	
133	Dimension (W×H×D)	inch	37.598×27.559×15.591	
134	Dimension of Carton Box (L×W×H)	mm	1026×455×735	
135	Dimension of Carton Box (L×W×H)	inch	40.394×17.913×28.937	
136	Dimension of Package(L×W×H)	mm	1029×458×750	
137	Dimension of Package(L×W×H)	inch	40.512×18.031×29.528	

138		Stacked Layers	--	4
139		Net Weight	kg	45
140		Net Weight	lb	99.2
141		Gross Weight	kg	49.5
142		Gross Weight	lb	109.1
143		Refrigerant	--	R410A
144		Refrigerant Charge	kg	1.3
145		Refrigerant Charge	oz	45.9
146	Connection Pipe	Length	m	5
147		Length	ft	16.4
148		Gas Additional Charge	g/m	20
149		Gas Additional Charge	oz/ft.	0.2
150		Outer Diameter of Liquid Pipe(GREE Allocation)(Metric)	mm	φ6
151		Outer Diameter of Liquid Pipe(British System Allocation)	inch	1/4"
152		Outer Diameter of Gas Pipe(GREE Allocation)(Metric)	mm	φ12
153		Outer Diameter of Gas Pipe(British System Allocation)	inch	1/2"
154		Max Distance Height	m	10
155		Max Distance Height	ft	32.8
156	Max Distance Length	m	25	
157	Max Distance Length	ft	82.0	
158	Loading Quantity	Loading Quantity (20' Container)	unit	60
159		Loading Quantity (40' Container)	unit	127
160		Loading Quantity (40' High Cube Container)	unit	146
161	Cassette Panel	Panel Outline Dimension (W×H×D)	mm	x x
162		Panel Outline Dimension (W×H×D)	inch	x x
163		Panel Dimension of Carton Box(L×W×H)	mm	x x
164		Panel Dimension of Carton Box(L×W×H)	inch	x x
165		Panel Package Dimension(L×W×H)	mm	x x
166		Panel Package Dimension(L×W×H)	inch	x x
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
172		Cooling		YES
173		Heating		YES
174		Dehumidify		YES
175		Fan		YES
176		Sleep Mode		Normal sleep mode
177		Auto Swing(Vertical Auto Swing)		YES
178		Auto Swing(Horizontal Auto Swing)		NO
179		Auto Fan		YES
180		Quiet		NO
181		I Feel		YES
182		Anion		NO
183		Cold Plasma		NO
184		Intelligent Preheating		YES
185		Fresh Air		NO
186		Dry Anti-Mildew Design		YES
187		Several Optional Filters (eg: Active Carbon)		Optional
188		Auto Clean		NO
189		Timer		YES
190		Auto Restart		YES
191		Turbo		YES
192		Clock		YES
193		Temperature		YES
194		Soft Start		YES
195		Self Diagnosis		YES
196		Lock		YES
197		CO Detection		NO
198	CO ₂ Detection		NO	
199	Filter Dirty Alarm		NO	
200	Intelligent Open-Close Panel		NO	
201	Compressor Electric Heater Function		NO	
202	Chassis Electric Heater Function		NO	
203	Quick Connector		NO	
204	LCD (No Back Light)		NO	
205	LCD (Back Light)		NO	
206	LED		YES	
207	Intelligent Defrosting		YES	
208	Force Defrosting		YES	
209	Auxiliary Electrical Heater		NO	
210	Energy Saving		YES	
211	8°C Heating Mode		YES	
212	Turbo Cooling		YES	
213	High-Voltage Electrostatic Dedust		NO	
214	Low Ambient Cooling		YES	
215	Low Ambient Heating		NO	
216	Low Voltage Startup		YES	
217	Standby		YES	