

Technical Specifications							
Split-type Inverter							
Sr No	Parameter		Unit	Value			
1	Model		--	GWH09AGB-K3DNA1E	GWH12AGC-K3DNA1O	GWH18AGD-K3DNA1B	GWH24AGE-K3DNA1H
2	Product Code		--	CB385003300	CB385006500	CB385006300	CB385004600
3	Power Supply	Rated Voltage	V~	220-240	220-240	220-240	220-240
4		Rated Frequency	Hz	50	50	50	50
5		Phases	--	1	1	1	1
6	Power Supply Mode		--	Indoor	Indoor	Indoor	Indoor
7	Cross-sectional Area of Power Cable Conductor		mm ²	1	1	1.5	2.5
8	Recommended Power Cable(Core)		N	3	3	3	3
9	Min/Max. Voltage		V	185/264	185/264	185/264	198/264
10	Cooling Capacity		W	2668	3400	5150	7200
11	Cooling Capacity		Btu/h	9103	12283.2	18000	24500
12	Min. Cooling Capacity		W	650	300	1200	2260
13	Min. Cooling Capacity		Btu/h	2218	1024	4094	7700
14	Max. Cooling Capacity		W	3000	4000	5700	8100
15	Max. Cooling Capacity		Btu/h	10236	13648	19448	27600
16	Heating Capacity		W	2700	3750	5150	7300
17	Heating Capacity		Btu/h	9212	12965.6	18083	24900
18	Min. Heating Capacity		W	600	700	1200	1750
19	Min. Heating Capacity		Btu/h	2047	2388	4094	5970
20	Max. Heating Capacity		W	3400	4300	5700	8100
21	Max. Heating Capacity		Btu/h	11601	14672	19448	27600
22	Cooling Power Input		W	831	1059	1600	2175
23	Max. Cooling Power Input		W	1150	1600	1900	2800
24	Heating Power Input		W	710	1025	1420	2020
25	Max. Heating Power Input		W	1450	1650	1900	3100
26	Cooling Current		A	3.85	5.3	7.27	8.50
27	Heating Current		A	3.29	4.5	6.6	8.50
28	Rated Input		W	1450	1650	1900	3100
29	Rated Current		A	6.3	7	8.64	13.00
30	Rated Heating Current		A	6.7	8	8.64	14.00
31	EER		W/W	3.21	3.21	3.22	3.31
32	EER		(Btu/h)/w	10.95	10.95	10.98	11.29
33	COP		W/W	3.80	3.65	3.63	3.61
34	COP		(Btu/h)/w	12.98	12.48	12.37	12.33
35	Air Flow Volume		m ³ /h	570/520/480/410/340/300/280	680/620/560/490/450/420/390	910/850/780/740/700/650/610	1300/1150/1100/950/870/800/700

36	Air Flow Volume		CFM	335/306/282/241/200/177/165	400/365/330/288/265/247/230	535.535/500.225/459.03/435.49/411.95/382.525/358.985	765/677/647/559/512/471/412
37	Dehumidifying Volume		L/h	0.80	1.60	1.8	2
38	Dehumidifying Volume		PINT/D	1.69	3.38	3.8	4.23
39	Application Area		m ²	12-18	16-24	23-34	27-42
40	Indoor Unit	Indoor Unit Model	--	GWH09AGB-K3DNA1E/I	GWH12AGC-K3DNA1O/I	GWH18AGD-K3DNA1B/I	GWH24AGE-K3DNA1H/I
41		Fan Type	--	Cross-flow	Cross-flow	Cross-flow	Cross-flow
42		Fan Diameter Length(D×L)	mm	φ93×580	98	106×739	108×830
43		Fan Diameter Length(D×L)	inch				φ4 16/64×32 43/64
44		Cooling Speed	r/min	1300/1200/1120/1050/920/800/750	1300/1150/1100/1000/950/850/750	1230/1050/980/900/850/800/750	1300/1200/1100/1000/920/850/750
45		Heating Speed	r/min	1300/1200/1120/1050/950/850/800	1250/1100/1050/1000/950/850/800	1200/1050/980/900/850/800/750	1300/1200/1100/1000/920/850/800
46		Fan Motor Power Output	W	20	20	35	35
47		Fan Motor RLA	A	0.22	0.30	0.45	0.45
48		Fan Motor Capacitor	μF	1	1.5	2.5	3
49		Heater Power Input	W	/		/	/
50		Evaporator Form	--	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
51		Evaporator Pipe Diameter	mm	φ5	φ5	φ7	φ7
52		Evaporator Pipe Diameter	inch				φ18/64
53		Evaporator Row-fin Gap	mm	2-1.4	2-1.4	2-1.4	2-1.4
54		Evaporator Coil Length (L×D×W)	mm	584×22.8×266.7	634×22.8×304.8	745×22.8×342.9	845×25.4×342.9
55		Swing Motor Model	--	MP24BA/MP24AK	MP24HF MP24AK MP24BA	P24AK P24BA MP24HF	MP24HF/MP24AK/MP24HF
56		Swing Motor Power Output	W	1.5/1.5	1.5/1.5/1.5	1.5/1.5 /1.5	1.5/1.5/1.5
57		Fuse Current	A	3.15	3.15	3.15A	3.15
58		Set Temperature Range	°C	16~30	16~30	16~30	16~30
59		Set Temperature Range	°F	61~86	61~86	61~86	61~86
60		Sound Pressure Level	dB (A)	40/37/35/33/29/25/24	41/37/36/33/31/30/28	42/38/36/33/31/30/27	48/45/43/40/37/35/31
61		Sound Power Level	dB (A)	50/47/45/43/39/35/34	51/47/46/43/41/40/38	52/48/46/43/41/40/37	58/55/53/50/47/45/41
62		Dimension (W×H×D)	mm	779×260×185	825×293×196	982×311×221	1075×333×246
63		Dimension (W×H×D)	inch	30 43/64×10 15/64×7 18/64	32 31/64×11 34/64×7 46/64	38 42/64×12.25×8 45/64	42.323×13.11×9.685
64		Dimension of Carton Box (L×W×H)	mm	823×316×247	870×349×257	1039×377×287	1128×406×323
65		Dimension of Carton Box (L×W×H)	inch	32 26/64×12 28/64×9 46/64	34 16/64×13 47/64×10 8/64	40 58/64×14 54/64×11 19/64	44.409×15.984×12.717
66		Dimension of Package(L×W×H)	mm	828×332×258	875×365×268	1044×385×297	1133×414×333
67		Dimension of Package(L×W×H)	inch	32 38/64×13 5/64×10 10/64	34 29/64×14 24/64×10 35/64	41 7/64×15 10/64×11 44/64	44.606×16.299×13.11
68		Stacked Layers	—	8	8	8	7
69		Net Weight	kg	8.5	10	14	17.0
70		Net Weight	lb	18.742	22.05	30.9	37.5
71		Gross Weight	kg	10	12	16.5	20.0

72		Gross Weight	lb	22.0	26.46	36.4	44.1
73	Outdoor Unit	Outdoor Unit Model	--	GWH09AGB-K3DNA1E/O	GWH12AGC-K3DNA1O/O	GWH18AGD-K3DNA1B/O	GWH24AGE-K3DNA1H/O
74		Compressor Trademark		GREE	GREE	GREE	GREE
75		Compressor Manufacturer	--	ZHUHAI LANDA COMPRESSOR CO.,LTD	ZHUHAI LANDA COMPRESSOR CO., LTD	ZHUHAI LANDA COMPRESSOR CO. LTD.	ZHUHAI LANDA COMPRESSOR CO., LTD.
76		Compressor Model	--	QXF-A079zE190A	FTz-AN108ACBD	FTz-AN108ACBD	QXFS-M180zX170
77		Compressor Oil	--	FW68DA or equivalent	FW68DA or equivalent	FW68DA or equivalent	FW68DA or equivalent
78		Compressor Type	--	Rotary	Rotary	Rotary	Twin Rotary
79		Compressor LRA.	A	18.00	/	19	35.00
80		Compressor RLA	A	4.70	4.40	4.4	3.50
81		Compressor Power Input	W	790	/	952	1610
82		Fan Type	--	Axial-flow	Axial-flow	Axial-flow	Axial-flow
83		Fan Diameter	mm	φ400	400	φ400	480
84		Fan Motor Speed	rpm	850±20	850	900	780
85		Fan Motor Power Output	W	35	35	30.00	50
86		Fan Motor RLA	A	0.37	0.36	0.4	0.45
87		Fan Motor Capacitor	μF	2.5	2.5	/	3.5
88		Outdoor Unit Air Flow Volume	m ³ /h	1600	1950	1950	3000
89		Condenser Form	--	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
90		Condenser Pipe Diameter	mm	φ7	φ7	φ7	φ7
91		Condenser Rows-fin Gap	mm	1-1.4	1-1.2	2-1.4	2-1.4
92		Condenser Coil Length (L×D×W)	mm	710×19.05×508	677×19.05×528	700×38.1×528	804×38.1×616
93		Permissible Excessive Operating Pressure for the Discharge Side	MPa	4.3	4.3	4.3	4.3
94		Permissible Excessive Operating Pressure for the Suction Side	MPa	2.5	2.5	2.5	2.5
95		Maximum Allowable Pressure	MPa	4.3	4.3	4.3	4.3
96		Cooling Operation Ambient Temperature Range	°C	18~43	18~48	18~48	18~52
97		Cooling Operation Ambient Temperature Range	°F	64~109	64~118	64~118	64~125
98		Heating Operation Ambient Temperature Range	°C	-7~24	-7~24	-7~24	-7~24
99		Heating Operation Ambient Temperature Range	°F	19~75	19~75	19~75	19~75
100		Throttling Method	--	Capillary	Capillary	Capillary	Capillary
101		Defrosting Method	--	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting
102		Climate Type	--	T1	T1	T1	T1
103		Climate Zone	--	Temperate Zone	Temperate Zone	Temperate Zone	Subtropical Zone

104		Isolation	--	I	I	I	I
105		Moisture Protection	--	IPX4	IPX4	IPX4	IPX4
106		Sound Pressure Level	dB (A)	50	52/ I	55	55
107		Sound Power Level	dB (A)	60	62/ I	65	65
108		Dimension (W×H×D)	mm	776×540×320	732×555×330	732×550×330	912×646×373
109		Dimension (W×H×D)	inch	30 35/64×21 17/64×12 38/64	28 52/64×21 54/64×12 63/64	28.52×21.42×12.63	35.905×25.433×14.685
110		Dimension of Carton Box (L×W×H)	mm	820×355×580	791×373×590	791×373×590	960×408×680
111		Dimension of Carton Box (L×W×H)	inch	32 18/64×13 62/64×22 53/64	31 9/64×14 44/64×23 15/64	31.9×14.44×23.23	37.797×16.062×26.766
112		Dimension of Package(L×W×H)	mm	823×358×595	794×376×615	794×376×615	963×411×700
113		Dimension of Package(L×W×H)	inch	32 26/64×14 6/64×23 27/64	31 17/64×14 51/64×24 14/64	31.17×14.51×24.14	37.913×16.181×27.559
114		Stacked Layers	--	5	5	6	4
115		Net Weight	kg	26	24.5	26.5	41
116		Net Weight	lb	57.3	54.022	58.4	97.0
117		Gross Weight	kg	28.5	27	29	44.0
118		Gross Weight	lb	62.8	59.535	63.9	103.6
119		Refrigerant	--	R410A	R410A	R410A	R410A
120		Refrigerant Charge	kg	0.61	0.7	1.05	1.4
121		Refrigerant Charge	oz	21.5	24.7	37	49.3
122	Connection Pipe	Length	m	5	5	5	5
123		Length	ft	16.4	16.4	16.404	16.4
124		Gas Additional Charge	g/m	20	20	20	50
125		Gas Additional Charge	oz/ft.	0.2	0.2	0.215	0.5
126		Outer Diameter of Liquid Pipe(GREE Allocation)(Metric)	mm	φ6	φ6	φ6	φ6
127		Outer Diameter of Liquid Pipe(British System Allocation)	inch	1/4"	1/4"	1/4"	1/4"
128		Outer Diameter of Gas Pipe(GREE Allocation)(Metric)	mm	φ9.52	φ9.52	φ12	φ16
129		Outer Diameter of Gas Pipe(British System Allocation)	inch	3/8"	3/8"	1/2"	5/8"
130		Max Distance Height	m	10	10	10	10
131		Max Distance Height	ft	32.8	32.8	32.808	32.8
132		Max Distance Length	m	15	20	25	25
133		Max Distance Length	ft	49.2	65.6	82.02	82.0
134	Loading Quantity	Loading Quantity (20' Container)	unit	117	101	93	64
135		Loading Quantity (40' Container)	unit	246	213	195	131
136		Loading Quantity (40' High Cube Container)	unit	284	259	227	150