

Split AC Technical Specifications



Split-type Inverter				
Sr No	Parameter		Unit	Value
1	Model		--	UASG12H
2	Product Code		--	CA425012800
3	Power Supply	Rated Voltage	V~	230
4		Rated Frequency	Hz	60
5		Phases	--	1
6	Power Supply Mode		--	Indoor
7	Cross-sectional Area of Power Cable Conductor		mm <sup>2</sup>	2.50
8	Recommended Power Cable(Core)		N	3
9	Min/Max. Voltage		V	207/253
10	Cooling Capacity		W	T1:3390 T3:2940
11	Cooling Capacity		Btu/h	T1:11600 T3:10000
12	Pdesignc		kW	/
13	Heating Capacity		W	3450
14	Heating Capacity		Btu/h	11771.4
15	Pdesignh(Average)		kW	/
16	Pdesignh(Warmer)		kW	/
17	Pdesignh(Colder)		kW	/
18	Cooling Power Input		W	T1:970 T3:1170
19	Heating Power Input		W	986
20	Cooling Current		A	T1:4.21 T3:5.08
21	Heating Current		A	4.28
22	Rated Input		W	1400
23	Rated Current		A	6.28
24	Rated Heating Current		A	6.76
25	Max. Over Current Protection		A	/
26	Min. Current (MCA)		A	/
27	Starting Current		A	23
28	EER		W/W	T1:3.5 T3:2.5
29	EER		(Btu/h)/w	T1:11.95 T3:8.55
30	COP		W/W	3.50
31	COP		(Btu/h)/w	11.94
32	R		--	/
33	SEER		--	/
34	HSPF		--	/
35	SCOP(Average)		--	/
36	SCOP(Warmer)		--	/
37	SCOP(Colder)		--	/
	AEER			/
	ACOP			/

38	APF	W/W	/
39	Energy Class	--	D
40	Air Flow Volume	m <sup>3</sup> /h	690/550/470/350
41	Air Flow Volume	CFM	406.065/323.675/276.595/205.975/◆
42	Dehumidifying Volume	L/h	1.20
43	Dehumidifying Volume	PINT/D	2.54
44	Application Area	m <sup>2</sup>	16-24
45		Indoor Unit Model	GWH12QC-D3NTA5F/T 顶<右显示><四面扫风><WIFI>
46		Fan Type	-- Cross-flow
47		Fan Diameter Length(D×L)	mm 98×633.5
48		Fan Diameter Length(D×L)	inch /
49		Cooling Speed	r/min 1350/1200/1050/850
50		Heating Speed	r/min 1300/1150/1000/900
51		Fan Motor Power Output	W 20
52		Fan Motor RLA	A 0.32
53		Fan Motor Capacitor	μF 1.5
54		Heater Power Input	W /
55		Evaporator Form	-- Aluminum Fin-copper Tube

56	Indoor Unit	Evaporator Pipe Diameter	mm	φ5
57		Evaporator Pipe Diameter	inch	/
58		Evaporator Row-fin Gap	mm	2-1.4
59		Evaporator Row-fin Gap	inch	/
60		Evaporator Coil Length (L×D×W)	mm	635×25.4×304.8
61		Evaporator Coil Length (L×D×W)	inch	/
62		Swing Motor Model	--	MP24BA/MP24EB
63		Swing Motor Power Output	W	1.5
64		Fuse Current	A	3.15
65		Set Temperature Range	°C	16~30
66		Set Temperature Range	°F	61~86
67		Sound Pressure Level	dB (A)	42/39/35/29
68		Sound Power Level	dB (A)	52/49/45/39
69		Dimension (W×H×D)	mm	845×289×209
70		Dimension (W×H×D)	inch	33.268×11.378×8.228
71		Dimension of Carton Box (L×W×H)	mm	918×278×364
72		Dimension of Carton Box (L×W×H)	inch	36.142×10.945×14.331
73		Dimension of Package(L×W×H)	mm	921×281×379
74		Dimension of Package(L×W×H)	inch	36.26×11.063×14.921
75		Stacked Layers	—	7
76		Net Weight	kg	10.5
77		Net Weight	lb	23.152
78		Gross Weight	kg	12.5
79		Gross Weight	lb	27.562
80		Outdoor Unit Model	--	GWH12ACC-D3NTA1F/O
81		Compressor Trademark	--	GREE
82		Compressor Manufacturer	--	ZHUHAI LANDA COMPRESSOR CO.,LTD
83		Compressor Model	--	QXAH-B102rE130
84		Compressor Oil	--	RB68EP or equivalent
85	Compressor Type	--	Rotary	
86	Compressor LRA.	A	23.00	
87	Compressor RLA	A	4.30	
88	Compressor Power Input	W	970	
89	Compressor Overload Protector	--	UP3-B1	
90	Fan Type	--	Cross-flow	
91	Fan Diameter	mm	438	
92	Fan Diameter	inch	/	
93	Fan Motor Speed	rpm	800	
94	Fan Motor Power Output	W	30	
95	Fan Motor RLA	A	0.34	
96	Fan Motor Capacitor	μF	2.5	

97	Outdoor Unit	Outdoor Unit Air Flow Volume	m <sup>3</sup> /h	2200
98		Condenser Form	--	Aluminum Fin-copper Tube
99		Condenser Pipe Diameter	mm	φ7.94
100		Condenser Pipe Diameter	inch	/
101		Condenser Rows-fin Gap	mm	2-1.4
102		Condenser Rows-fin Gap	inch	/
103		Condenser Coil Length (L×D×W)	mm	723×38.1×550
104		Condenser Coil Length (L×D×W)	inch	/
105		Permissible Excessive Operating Pressure for the Discharge Side	MPa	4.3
106		Permissible Excessive Operating Pressure for the Suction Side	MPa	2.5
107		Maximum Allowable Pressure	MPa	4.3
108		Cooling Operation Ambient Temperature Range	°C	21~52
109		Cooling Operation Ambient Temperature Range	°F	70~126
110		Heating Operation Ambient Temperature Range	°C	-7 ~ 24
111		Heating Operation Ambient Temperature Range	°F	19 ~ 75
112		Throttling Method	--	Capillary
113		Defrosting Method	--	Automatic Defrosting
114		Climate Type	--	T3
115		Climate Zone	--	Torrid Zone
116		Isolation	--	I
117		Moisture Protection	--	IPX4
118		Sound Pressure Level	dB (A)	50
119		Sound Power Level	dB (A)	60
120		Dimension (W×H×D)	mm	848×596×320
121		Dimension (W×H×D)	inch	33.386×23.465×12.598
122		Dimension of Carton Box (L×W×H)	mm	878×360×630
123		Dimension of Carton Box (L×W×H)	inch	34.567×14.173×24.803
124		Dimension of Package(L×W×H)	mm	881×363×645
125		Dimension of Package(L×W×H)	inch	34.685×14.291×25.394
126		Stacked Layers	--	4
127		Net Weight	kg	35
128		Net Weight	lb	77.175
129		Gross Weight	kg	38
130	Gross Weight	lb	83.79	
131	Refrigerant	--	R410A	
132	Refrigerant Charge	kg	1.08	
133	Refrigerant Charge	oz	38.1	
134	Length	m	5	

135	<b>Connection Pipe</b>	Length	ft	16.4
136		Gas Additional Charge	g/m	20
137		Gas Additional Charge	oz/ft.	0.215
138		Outer Diameter of Liquid Pipe(GREE Allocation)(Metric)	mm	φ6
139		Outer Diameter of Liquid Pipe(British System Allocation)	inch	1/4"
140		Outer Diameter of Gas Pipe(GREE Allocation)(Metric)	mm	φ12
141		Outer Diameter of Gas Pipe(British System Allocation)	inch	1/2"
142		Max Distance Height	m	10
143		Max Distance Height	ft	32.8
144		Max Distance Length	m	20
145		Max Distance Length	ft	65.6
146		<b>Loading Quantity</b>	Loading Quantity ( 20' Container )	unit
147	Loading Quantity ( 40' Container )		unit	196
148	Loading Quantity ( 40' High Cube Container )		unit	226
149	<b>Cassette Panel</b>	Panel Outline Dimension (W×H×D)	mm	/
150		Panel Outline Dimension (W×H×D)	inch	/
151		Panel Dimension of Carton Box(L×W×H)	mm	/
152		Panel Dimension of Carton Box(L×W×H)	inch	/
153		Panel Package Dimension(L×W×H)	mm	/
154		Panel Package Dimension(L×W×H)	inch	/
155		Panel Net Weight	kg	/
156		Panel Net Weight	lb	/
157		Panel Gross Weight	kg	/
158		Panel Gross Weight	lb	/
<b>Air Condition Function</b>				
159		Automatic Operation		YES
160		Cooling		YES
161		Heating		YES
162		Dehumidify		YES
163		Fan		YES
164		Sleep Mode		Normal sleep mode

165	Auto Swing(Vertical Auto Swing)	YES
166	Auto Swing(Horizontal Auto Swing)	YES
167	Auto Fan	YES
168	Quiet	NO
169	I Feel	YES
170	Anion	NO
171	Cold Plasma	NO
172	Intelligent Preheating	YES
173	Fresh Air	NO
174	Dry Anti-Mildew Design	YES
175	Several Optional Filters (eg : Active Carbon)	Optional
176	Auto Clean	NO
177	Timer	YES
178	Auto Restart	YES
179	Turbo	YES
180	Clock	YES
181	Temperature	YES
182	Soft Start	NO
183	Self Diagnosis	YES
184	Lock	YES
185	CO Detection	NO
186	CO <sub>2</sub> Detection	NO
187	Filter Dirty Alarm	NO
188	Intelligent Open-Close Panel	NO
189	Compressor Electric Heater Function	NO
190	Chassis Electric Heater Function	NO
191	Quick Connector	NO
192	LCD (No Back Light)	YES
193	LCD (Back Light)	NO
194	LED	YES
195	Intelligent Defrosting	YES
196	Force Defrosting	YES
197	Auxiliary Electrical Heater	NO
198	Energy Saving	YES
199	8°C Heating Mode	YES
200	Turbo Cooling	YES
201	High-Voltage Electrostatic Dedust	NO
202	Low Ambient Cooling	NO
203	Low Ambient Heating	NO
204	Low Voltage Startup	NO
205	Standby	NO
206	Multi Speeds	

Function

