

## Split AC Technical Specifications



Split-type Inverter				
Sr No	Parameter		Unit	Value
1	Model		--	UASGN18H
2	Product Code		--	CA438011600
3	Power Supply	Rated Voltage	V~	230
4		Rated Frequency	Hz	60
5		Phases	--	1
6	Power Supply Mode		--	Outdoor
7	Cross-sectional Area of Power Cable Conductor		mm <sup>2</sup>	1.5
8	Recommended Power Cable(Core)		N	3
9	Min/Max. Voltage		V	207/253
10	Cooling Capacity		W	5220
11	Cooling Capacity		Btu/h	17800
12	Pdesignc		kW	/
13	Heating Capacity		W	4600
14	Heating Capacity		Btu/h	15695
15	Pdesignh(Average)		kW	/
16	Pdesignh(Warmer)		kW	/
17	Pdesignh(Colder)		kW	/
18	Cooling Power Input		W	1447
19	Heating Power Input		W	1179
20	Cooling Current		A	6.43
21	Heating Current		A	5.2
22	Rated Input		W	2200
23	Rated Current		A	12
24	Rated Heating Current		A	12
25	Max. Over Current Protection		A	/
26	Min. Current (MCA)		A	/
27	Starting Current		A	/
28	EER		W/W	3.61
29	EER		(Btu/h)/w	12.30
30	COP		W/W	3.90
31	COP		(Btu/h)/w	13.31
32	R		--	/
33	SEER		--	/
34	HSPF		--	/
35	SCOP(Average)		--	/
36	SCOP(Warmer)		--	/
37	SCOP(Colder)		--	/
	AEER			/
	ACOP			/

38	APF		W/W	null
39	Energy Class		--	
40	Air Flow Volume		m <sup>3</sup> /h	1250/null/null/850/800
41	Air Flow Volume		CFM	736/0/0/500/471
42	Dehumidifying Volume		L/h	1.80
43	Dehumidifying Volume		PINT/D	3.80
44	Application Area		m <sup>2</sup>	27-42
45		Indoor Unit Model	--	GWFF18QE-D3NTB8A/I 顶<四面扫风><WIFI><通侧>
46		Fan Type	--	Cross-flow
47		Fan Diameter Length(D×L)	mm	φ108×830
48		Fan Diameter Length(D×L)	inch	
49		Cooling Speed	r/min	1300/1150/950/800
50		Heating Speed	r/min	1150/1050/950/850
51		Fan Motor Power Output	W	60
52		Fan Motor RLA	A	0.24
53		Fan Motor Capacitor	μF	/
54		Heater Power Input	W	/
55		Evaporator Form	--	Aluminum Fin-copper Tube

56	Indoor Unit	Evaporator Pipe Diameter	mm	φ7
57		Evaporator Pipe Diameter	inch	
58		Evaporator Row-fin Gap	mm	2-1.4
59		Evaporator Row-fin Gap	inch	
60		Evaporator Coil Length (LxDxW)	mm	845×25.4×342.9
61		Evaporator Coil Length (LxDxW)	inch	
62		Swing Motor Model	--	MP35CJ/MP24HF
63		Swing Motor Power Output	W	2.5/1.5
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)	49/45/39/34
68		Sound Power Level	dB (A)	59/55/49/44/null
69		Dimension (W×H×D)	mm	1078×325×246
70		Dimension (W×H×D)	inch	42 25/64×12 51/64×9 44/64
71		Dimension of Carton Box (L×W×H)	mm	1124×400×329
72		Dimension of Carton Box (L×W×H)	inch	44 16/64×15 48/64×12 61/64
73		Dimension of Package(L×W×H)	mm	1129×408×339
74		Dimension of Package(L×W×H)	inch	44 29/64×16 4/64×13 22/64
75		Stacked Layers	--	7
76		Net Weight	kg	16
77		Net Weight	lb	35.3
78		Gross Weight	kg	19
79		Gross Weight	lb	41.9
80		Outdoor Unit Model	--	GWH18QE-D3NTB8A/O 顶
81		Compressor Trademark	--	HIGHLY
82		Compressor Manufacturer	--	SHANGHAI HIGHLY rotary compressor
83		Compressor Model	--	GSL145DG-C7LU
84		Compressor Oil	--	ATMOS-RB68EP or equivalent
85		Compressor Type	--	Rotary
86		Compressor LRA.	A	/
87		Compressor RLA	A	5.50
88		Compressor Power Input	W	1232
89	Compressor Overload Protector	--	HPA-530或同等	
90	Fan Type	--	Axial-flow	
91	Fan Diameter	mm	φ480	
92	Fan Diameter	inch		
93	Fan Motor Speed	rpm	780	

94	Outdoor Unit	Fan Motor Power Output	W	60
95		Fan Motor RLA	A	0.45
96		Fan Motor Capacitor	μF	3
97		Outdoor Unit Air Flow Volume	m <sup>3</sup> /h	2800
98		Condenser Form	--	Aluminum Fin-copper Tube
99		Condenser Pipe Diameter	mm	φ5
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	845×24.8×616
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	18~52
109		Cooling Operation Ambient Temperature Range	°F	64~126
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	--	null
114		Climate Type	--	T3
115		Climate Zone	--	Temperate Zone
116		Isolation	--	I
117		Moisture Protection	--	IPX4
118		Sound Pressure Level	dB (A)	56
119		Sound Power Level	dB (A)	66
120	Dimension (W×H×D)	mm	912×646×373	
121	Dimension (W×H×D)	inch	35 58/64×25 28/64×14 44/64	
122	Dimension of Carton Box (L×W×H)	mm	960×408×680	
123	Dimension of Carton Box (L×W×H)	inch	37 51/64×16 4/64×26 49/64	
124	Dimension of Package(L×W×H)	mm	963×411×700	
125	Dimension of Package(L×W×H)	inch	37 58/64×16 12/64×27 36/64	
126	Stacked Layers	--	4	

127		Net Weight	kg	42
128		Net Weight	lb	92.6
129		Gross Weight	kg	45.0
130		Gross Weight	lb	99.2
131		Refrigerant	--	R410A
132		Refrigerant Charge	kg	1.2
133		Refrigerant Charge	oz	42.3
134	<b>Connecti on Pipe</b>	Length	m	5
135		Length	ft	16.4
136		Gas Additional Charge	g/m	20
137		Gas Additional Charge	oz/ft.	0.2
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	25
145	Max Distance Length	ft	82.0	
146	<b>Loading Quantity</b>	Loading Quantity ( 20' Container )	unit	64
147		Loading Quantity ( 40' Container )	unit	130
148		Loading Quantity ( 40' High Cube Container )	unit	151
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	<b>Function</b>	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		YES
177		Timer		YES
178		Auto Restart		YES
179		Turbo		YES
180		Clock		YES
181		Temperature		YES
182		Soft Start		YES
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		

