

Technical Specifications GREE G-TECH		
Split-type Inverter		
Parameter	Unit	Value
Model	--	GWH12AEC-K6DNA1A <WIFI><LCLH>
Product Code	--	CB370000400
Power Supply	Rated Voltage	V~ 220-240
	Rated Frequency	Hz 50
	Phases	-- 1
Power Supply Mode	--	Outdoor
Cross-sectional Area of Power Cable Conductor	mm ²	1.50
Recommended Power Cable(Core)	N	3
Min/Max. Voltage	V	198-264
Cooling Capacity	W	3500
Cooling Capacity	Btu/h	11942
Min. Cooling Capacity	W	200
Min. Cooling Capacity	Btu/h	682.4
Max. Cooling Capacity	W	4500
Max. Cooling Capacity	Btu/h	15354
Pdesignc	kW	3.588.275
Heating Capacity	W	3810
Heating Capacity	Btu/h	12999.72
Min. Heating Capacity	W	1000
Min. Heating Capacity	Btu/h	3412
Max. Heating Capacity	W	4800
Max. Heating Capacity	Btu/h	16377.6
Pdesignh(Average)	kW	3.20
Pdesignh(Warmer)	kW	3.50
Pdesignh(Colder)	kW	4.50
Cooling Power Input	W	875
Min. Cooling Power Input	W	140
Max. Cooling Power Input	W	1400
Heating Power Input	W	952
Min. Heating Power Input	W	180
Max. Heating Power Input	W	1650
Cooling Current	A	4
Heating Current	A	4.3
Rated Input	W	1650
Rated Current	A	6.8
Rated Heating Current	A	7.5
Max. Over Current Protection	A	16
Min. Current (MCA)	A	/
Starting Current	A	5
EER	W/W	4.00
EER	(Btu/h)/w	13.65
COP	W/W	4.00
COP	(Btu/h)/w	13.66
SEER	--	8.50
SCOP(Average)	--	4.60
SCOP(Warmer)	--	5.50
SCOP(Colder)	--	3.50
APF	W/W	/150
Energy Class	--	A+++ (cooling) /A++ (Average) /A+++ (warmer) /A (colder)
Air Flow Volume	m ³ /h	750/650/600/510/470/360/200
Air Flow Volume	CFM	441.375/382.525/353.1/300.135/276.595/211.86/117.7
Dehumidifying Volume	L/h	1.4
Dehumidifying Volume	PINT/D	2.96

Application Area		m ²	16-24
Indoor Unit	Indoor Unit Model	--	GWH12AEC-K6DNA1A/I <WIFI>
	Fan Type	--	Cross-flow
	Fan Diameter Length(D×L)	mm	Φ98×633
	Fan Diameter Length(D×L)	inch	Φ3 6/7×25
	Cooling Speed	r/min	1350/1200/1100/1000/850/600/550/500
	Heating Speed	r/min	1350/1200/1120/1050/950/800/750
	Fan Motor Power Output	W	10
	Fan Motor RLA	A	0.09
	Fan Motor Capacitor	μF	/
	Heater Power Input	W	/
	Evaporator Form	--	Aluminum Fin-copper Tube
	Evaporator Pipe Diameter	mm	Φ5
	Evaporator Pipe Diameter	inch	1/5
	Evaporator Row-fin Gap	mm	2-1.4
	Evaporator Row-fin Gap	inch	2-1/18
	Evaporator Coil Length (L×D×W)	mm	634×22.8×304.8
	Swing Motor Model	--	MP35CN/MP30AS/MP20AC
	Swing Motor Power Output	W	1.5
	Fuse Current	A	3.15
	Set Temperature Range	°C	16~30
	Set Temperature Range	°F	61~86
	Sound Pressure Level	dB (A)	43/39/36/33/28/22/21
	Sound Power Level	dB (A)	58/53/50/47/42/36/35
	Dimension (W×H×D)	mm	945×293×225
	Dimension (W×H×D)	inch	37.205×11.535×8.858
	Dimension of Carton Box (L×W×H)	mm	1032×381×310
	Dimension of Carton Box (L×W×H)	inch	40.63×15×12.205
	Dimension of Package(L×W×H)	mm	1035×384×325
	Dimension of Package(L×W×H)	inch	40.748×15.118×12.795
	Stacked Layers	—	8
	Net Weight	kg	14
	Net Weight	lb	30.87
Gross Weight	kg	17	
Gross Weight	lb	37.485	
Outdoor Unit Model	--	GWH12AEC-K6DNA1A/O <LCLH>	
Compressor Trademark		GREE	
Compressor Manufacturer	--	ZHUHAI LANDA COMPRESSOR CO., LTD	
Compressor Model	--	QXF-A102zE190C	
Compressor Oil	--	FW68DA	
Compressor Type	--	Rotary	
Compressor LRA.	A	20	
Compressor RLA	A	7.9	
Compressor Power Input	W	1230	
Fan Type	--	Axial-flow	
Fan Diameter	mm	438	
Fan Diameter	inch	17.24	
Fan Motor Speed	rpm	900	
Fan Motor Power Output	W	30	
Fan Motor RLA	A	0.36	
Outdoor Unit Air Flow Volume	m ³ /h	2200	
Condenser Form	--	Aluminum Fin-copper Tube	
Condenser Pipe Diameter	mm	φ7.94	
Condenser Pipe Diameter	inch	0.313	
Condenser Rows-fin Gap	mm	2-1.4	
Condenser Rows-fin Gap	inch	2-7/127	

Outdoor Unit	Condenser Coil Length (L×D×W)	mm	734×38.1×550
	Condenser Coil Length (L×D×W)	inch	28 9/10×1 1/2×21 2/3
	Permissible Excessive Operating Pressure for the Discharge Side	MPa	4.3
	Permissible Excessive Operating Pressure for the Suction Side	MPa	2.5
	Maximum Allowable Pressure	MPa	4.3
	Cooling Operation Ambient Temperature Range	°C	-15~43
	Cooling Operation Ambient Temperature Range	°F	5~109
	Heating Operation Ambient Temperature Range	°C	-22~24
	Heating Operation Ambient Temperature Range	°F	-4~75
	Throttling Method	--	Electron expansion valve
	Defrosting Method	--	Automatic Defrosting
	Climate Type	--	T1
	Isolation	--	I
	Moisture Protection	--	IPX4
	Sound Pressure Level	dB (A)	52
	Sound Power Level	dB (A)	62
	Dimension (W×H×D)	mm	848×596×320
	Dimension (W×H×D)	inch	33.386×23.465×12.598
	Dimension of Carton Box (L×W×H)	mm	878×360×630
	Dimension of Carton Box (L×W×H)	inch	34.567×14.173×24.803
	Dimension of Package(L×W×H)	mm	881×363×645
	Dimension of Package(L×W×H)	inch	34.685×14.291×25.394
	Stacked Layers	--	4
	Net Weight	kg	33.5
	Net Weight	lb	73.9
	Gross Weight	kg	36.5
	Gross Weight	lb	80.5
	Refrigerant	--	R32
	Refrigerant Charge	kg	0.8
	Refrigerant Charge	oz	28.2
Connection Pipe	Length	m	5
	Length	ft	16.4
	Gas Additional Charge	g/m	16
	Gas Additional Charge	oz/ft.	0.2
	Outer Diameter of Liquid Pipe(GREE Allocation)(Metric)	mm	φ6
	Outer Diameter of Liquid Pipe(British System Allocation)	inch	1/4"
	Outer Diameter of Gas Pipe(GREE Allocation)(Metric)	mm	φ9.52
	Outer Diameter of Gas Pipe(British System Allocation)	inch	3/8"
	Max Distance Height	m	10
	Max Distance Height	ft	32.8
	Max Distance Length	m	15
	Max Distance Length	ft	49.2
	Automatic Operation		YES
	Cooling		YES
	Heating		YES
	Dehumidify		YES
	Fan		YES
	Sleep Mode		YES
	Auto Swing(Vertical Auto Swing)		YES
	Auto Swing(Horizontal Auto Swing)		YES
	Auto Fan		YES
	Quiet		YES

Function	I Feel		YES
	Anion		NO
	Cold Plasma		YES
	Intelligent Preheating		YES
	Dry Anti-Mildew Design		YES
	Auto Clean		YES
	Timer		YES
	Auto Restart		YES
	Turbo		YES
	Clock		YES
	Temperature		YES
	Soft Start		YES
	Self Diagnosis		YES
	Lock		YES
	Chassis Electric Heater Function		YES
	LCD (Back Light)		YES
	LED		YES
	Intelligent Defrosting		YES
	Force Defrosting		YES
	Energy Saving		YES
	8°C Heating Mode		YES
	Turbo Cooling		YES
	Low Ambient Cooling		YES
	Low Ambient Heating		YES
	Low Voltage Startup		YES