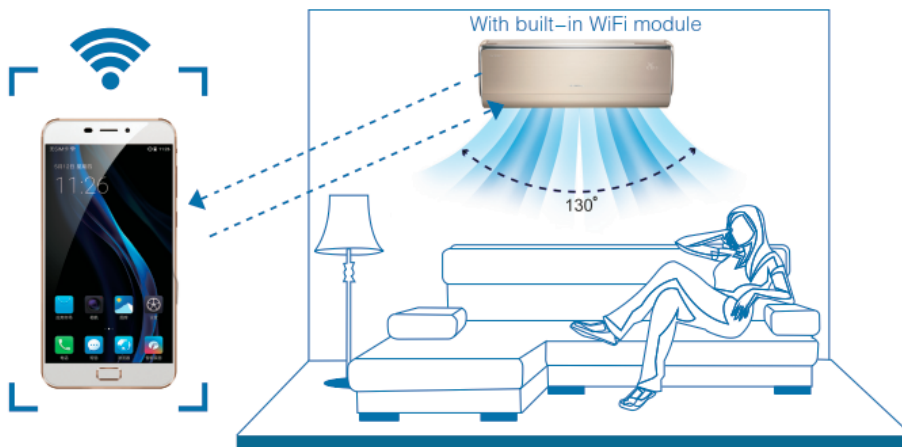




Enjoy Smart Life

New Generation WiFi Control *

When installing Gree special APP "Smart WiFi" on Smart Terminal, and setting short distance mode or long distance mode, you can remotely control the air conditioner.



Short distance mode:

Smart Terminal can connect to the air conditioner directly for remote control, no need wireless Router, which is applicable for home short distance control.



High Efficiency & Energy Saving



G¹⁰ Inverter



Ultra low frequency torque control

- Constant temperature
- Energy saving



Environment-friendly R410 A refrigerant

- Low-carbon design
- High efficiency



Automatic voltage adaptation (150-200V)

- More stability
- Less damage



High-speed DSP chip

- Accurate calculation
- Efficient operation



Ultra-low noise control

- Quiet
- Comfortable



High reliability

- Excellent quality
- Superior performance



Wide frequency precise control

- Unceasing operation
- Accurate control



Computer simulation control

- Less fluctuation
- Lower noise



UHF flux-weakening control

- Rapid cooling
- Rapid heating



Power factor correction technology

- High efficiency
- Better protection



Two-Stage compressor ▶



VS



	Gree 2-stage Inverter compressor	Conventional Inverter compressor
Applicable temperature range	-30°C ~ 50°C Reliable operation within -30°C~54°C	-15°C ~ 40°C Reliable operation within -15°C~43°C
Cooling (heating) capacity	Heating capacity is improved by 30%. Cooling capacity is improved by 30%. 30% ↑ 30% ↓ 22°C ~ 27°C	Heating capacity and Cooling capacity is not improved. ↑ Wind ↓ Wind ↑ Wind ↓ Wind 17°C ~ 20°C
Air outlet temperature	The highest temperature at outlet can reach 32°C. The lowest temperature at air outlet is as low as 12°C in cooling mode.	The highest temperature at outlet can reach 40°C in heating mode. The lowest temperature at air outlet is as low as 17°C in cooling mode.

Turbo Cooling ▶



Press "Turbo" button on remote controller to enjoy a larger air flow, which enables the indoor temperature to reach the set temp in a shorter time.

4-way air outlet ▶



The louver can be vertically or horizontally adjusted so as to maximize comfort in the room.

Low Ambient Temperature ▶



8°C Heating

Maintain the room temperature steadily at 8°C and prevent the room from freezing by heating operation when nobody is at home for long in severe winter.

-15°C Cooling

Cooling at -15°C while keep a reliable operation. As the outdoor temperature changes, the frequency of compressor and the speed of fan adjusts accordingly.

-22°C Heating

Operate finely when heating at -20°C. It is supported by GREE's electrical heating chassis, preheating technology and frequency-adjusting compressor.

Low noise ▶

Noise lowers to 18dB, making you feel like staying on the Moon.





Integrated Evaporator ▶

Compact design minimizes IDU size but enhances heat exchange greatly.



Integrated Design ▶

Integrated rear base and water tray design avoid water leakage and reduce noise.



Fire-proof electric box ▶

Electric box sealed by metal casing could prevent fire in case of short-circuit.



145V Low Voltage Start Up ▶

The unit could operate from 170V to 265V, which is suitable for unstable power supply areas.



Dual Side Installation ▶

Left or right side water outlet, easy for installation.



Auto Restart ▶

When the power is off and then on, the unit automatically restores the previous function setting.



Self-diagnosis ▶

Once abnormal operation or parts failure happen, the unit will shut off automatically to protect the system. Meanwhile it will indicate protection or error code for fast service.



Fluorine leakage protection ▶

When fluorine is insufficient and the valve is blocked, indoor unit of air conditioner will display F0 malfunction and stop operation. This function effectively protects the whole unit and safeguard the compressor against any damages occurred due to high temperature result in fluorine leakage.





System Model No			GWH09UB-K3DNA4F	GWH12UB-K3DNA4F	GWH18UC-K3DNA4F
Cooling Capacity		kW	2.6	3.5	5.2
Heating Capacity		kW	3.0	3.6	5.2
Power Supply	Rated Voltage	V~	220-240 1 phase	220-240 1 phase	220-240 1 phase
	Rated Frequency	Hz	50	50	50
	Recommended fuse size	A	13	13	16
Power Supply connection		--	Outdoor	Outdoor	Outdoor
Power cable size		mm ²	1.50	1.50	1.50
Interconnecting cable		N	3 core + E (0.75mm ²)	3 core + E (0.75mm ²)	3 core + E (0.75mm ²)
Min. Cooling Capacity		kW	0.39	0.39	0.9
Max. Cooling Capacity		kW	4.0	4.45	5.75
Min. Heating Capacity		kW	0.56	0.56	0.75
Max. Heating Capacity		kW	4.8	5.4	7.25
Cooling Power Input		W	600	920	1600
Min. Cooling Power Input		W	95	95	200
Max. Cooling Power Input		W	1500	1550	2050
Heating Power Input		W	800	970	1420
Min. Heating Power Input		W	100	100	200
Max. Heating Power Input		W	1630	1680	2400
Cooling Current		A	2.7	4.1	7.1
Heating Current		A	3.5	4.2	6.2
EER		W/W	4.33	3.8	3.3
COP		W/W	3.75	3.71	3.72
SEER		--	7.50	7.00	6.10
Energy Class		--	A++ - Cooling / A++ - Average / A+++ - Warmer / A - Colder	A++ - Cooling / A++ - Average / A+++ - Warmer / A - Colder	A++ - Cooling / A+ - Average / A+ - Warmer / B - Colder

System Model No			GWH09UB-K3DNA4F	GWH12UB-K3DNA4F	GWH18UC-K3DNA4F
Air Flow Volume		m ³ /h	650/530/470/400/350/300/290	720/550/490/420/370/320/290	850/750/650/600/500/400/340
Indoor Unit	Indoor Unit Model	--	GWH09UB-K3DNA4F/I	GWH12UB-K3DNA4F/I	GWH18UC-K3DNA4F/I
	Set Temperature Range	°C	16~30	16~30	16~30
	Set Temperature Range	°C	61~86	61~86	61~86
	Sound Pressure Level	dB (A)	41/37/35/33/30/22/19	43/38/36/34/31/23/20	58/54/52/48/45/37/34
	Sound Power Level	dB (A)	56/50/48/46/43/35/32	57/51/49/47/44/36/33	58/54/52/48/45/37/34
	Dimension (W×H×D)	mm	860×305×170	860×305×170	960×320×205
	Net Weight	kg	11.5	11.5	14
Outdoor Unit	Outdoor Unit Model	--	GWH09UB-K3DNA4F/O	GWH12UB-K3DNA4F/O	GWH18UC-K3DNA4F/O
	Cooling Operation Ambient Temperature Range	°C	-18~54	-18~54	-18~54
	Heating Operation Ambient Temperature Range	°C	-30~24	-30~24	-30~24
	Sound Pressure Level	dB (A)	50	52	56
	Sound Power Level	dB (A)	59	60	62
	Dimension (W×H×D)	mm	899×596×378	899×596×378	950×700×396
	Net Weight	kg	44.5	44.5	51
	Refrigerant	--	R410A	R410A	R410A
Refrigerant Charge	kg	1.3	1.3	1.65	
Connection Pipe	Pre charged for	m	5	5	5
	Additional Gas Charge	g/m	20	20	20
	Liquid pipe size	inch	1/4"	1/4"	1/4"
	Gas pipe size	inch	1/2"	1/2"	1/2"
	Max pipe Height	m	10	10	10
	Max pipe Length	m	15	20	25
System Price			£970	£1,030	£1,200
I/R controller			Included	Included	Included