



AIR CONDITIONER



2020

MIDDLE EAST

RESIDENTIAL AIR CONDITIONER



*Made In China
Loved By The World*

ABOUT GREE

Gree Electric Appliances, Inc. of Zhuhai was founded in 1991 and it was listed on the Shenzhen Stock Exchange in November 1996. At the beginning, Gree was only a company that assembled residential air conditioners. Now it has grown into a diversified technological global industrial group that has expanded its business to air conditioners, home appliances, high-end equipment and communication equipment. Gree products are sold widely to more than 200 countries and regions.

2019

Gree has ranked the 414th on the list of **Fortune Global 500**.

2018

Gree entered into the list of **Forbes Global 2000** again and ranked **No. 294**, moving up 70 places compared with the previous year.

Gree's sales revenue exceeded **30.23 billion** USD.

2017

Gree's sales revenue exceeded **22.21 billion** USD.

2016

Gree's sales revenue exceeded **16.51 billion** USD.

2015

Gree's sales revenue exceeded **15.08 billion** USD.

2005

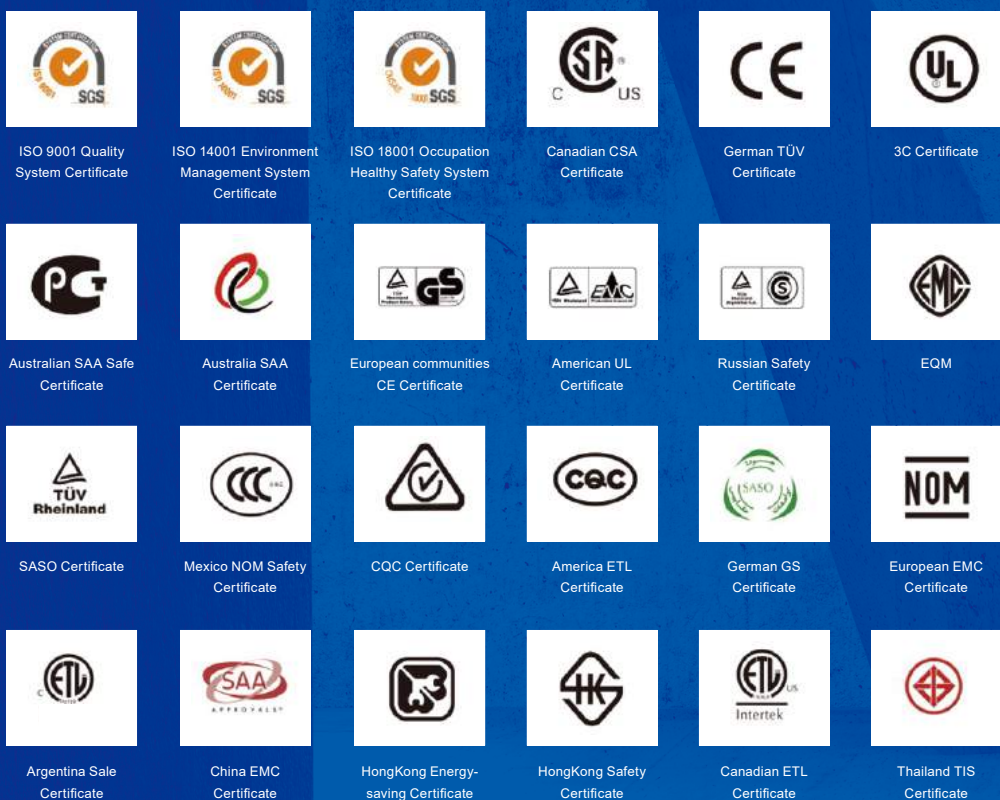
Gree has topped **No.1** in production and sales volume of residential air conditioners for 13 consecutive years.

Thanks to 300 million users' choices, Gree products are widely sold in more than 200 countries and regions. Today Gree's annual production capacity of RAC and CAC is more than 60 million and 6 million sets respectively.

Action makes the future and innovation makes achievement. Looking forward, Gree will press ahead with its business philosophy of passion, innovation and realization. We aim to build a centenary air conditioning enterprise and create a better life for humankind.

AWARDS AND CERTIFICATES

CONTENT



16
Wall-mounted
Type

30
Floor Standing
Type

38
Window type

41
Portable type



Note: EER is the coefficient of cooling performance of the air conditioner, also called as energy efficiencyratio; COP is the coefficient of heating performance for the air conditioner.

EER and COP of R32 are 6% and 3% respectively, higher than R410A. In short, the overall cooling and heating performance of R32 is better than that of R410A.

G-cloud and Google Assistant Cloud Connection

Google Assistant is usually considered as an upgraded or extended version of Google Now and an extended version of the existing "OK Google" voice control.

Google Assistant can cover all the voice commands, voice search, voice activation device control functions involved in Google Now or "OK Google", and integrate them into a personal-centered interactive dialogue AI experience.



Principle of Connection between G-cloud and Google Assistant cloud

Data Synchronism, Query Device Status, Execute Command. For example, say "turn on the lights" in the kitchen and a third-party device can handle the commands.



How to Access Google Speakers and Google Home

Configure Google Home and add devices to Home Control, Binding Smart Life app account, Use Google Home App to control the smart devices—voice command. etc. "set living room AC mode to cool".

- Air conditioning unit | Air Freshener | Air purifier | Blinds | Camera
- Dishwasher | Dryer | Fan | Fireplace | Heater
- Light | Outlet | Oven | Refrigerator | Scene
- Sprinkler | Switch | Thermostat | Vacuum | Washer



Triple-cylinder Two-stage Rotary Compressor of Variable Volume Ratio

Gree self-developed technology “triple-cylinder two-stage totary compressor of variable colume ratio” achieves reliable heating performance in ultra-low ambient temperature. This technology improves the heating capacity of air conditioner in extreme cold environment greatly. Heating capacity will not be decreased even when outdoor ambient temperature is as low as -20℃ . It’s accredited by expert team as “world leading” level.

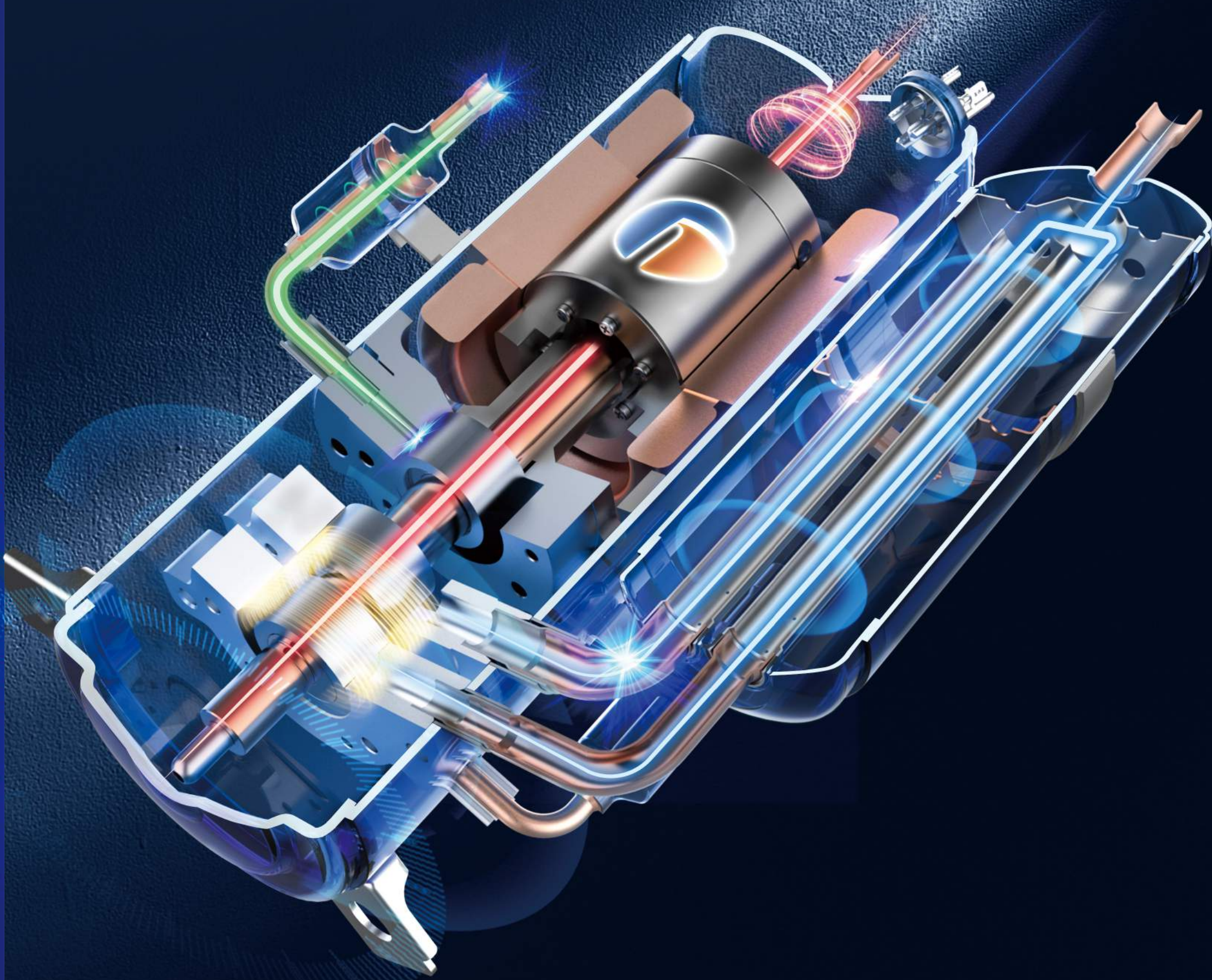
Two-stage Compressor



20% ↑

Under low temperature, the capacity of two-stage compressor can be improved by 20%.

	Gree two-stage inverter compressor	Conventional inverter compressor
Applicable temperature range	Reliable operation within -30°C-54°C	Reliable operation within -15°C-43°C
Cooling (heating) capacity	Heating capacity is improved by 30% Cooling capacity is improved by 35%	Heating capacity and cooling capacity are not improved
Air outlet temperature	The highest temperature at outlet is 52°C in heating mode; The lowest temperature at air outlet is 12°C in cooling mode.	The highest temperature at outlet is 40°C in heating mode; The lowest temperature at air outlet is 17°C in cooling mode.



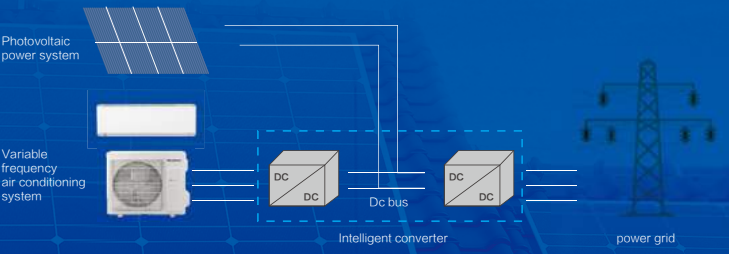
PV power generation

PV power generation is clean, safe, reliable, reproducible, and convenient. Gree commercial PV direct-driven inverter air conditioning system has been widely used in different fields of 25 countries and regions globally.

Technical strength of Gree PV product

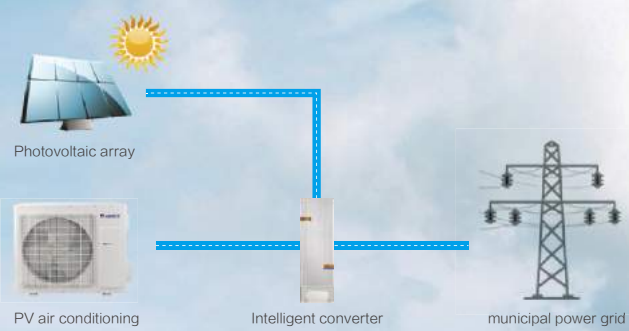
· PV direct-driven inverter technology

In the project "Low-temperature Air Source Heat Pump Heating Application and Demonstration in Mongolia" led by Doctor Kirk R. Smith, a fellow of NAS and the winner of Nobel Peace Prize, this product is adopted in Ulan Bator, Mongolia with lowest ambient temp. of -40 °F, solving the health problems brought by heating with coal in winter.



· Intelligent mixed power supply technology

mixed power supply through photovoltaic power and public power grid. Through intelligent control arithmetic, the system can switch among five working modes within 10ms according to the current PV power supply situation.



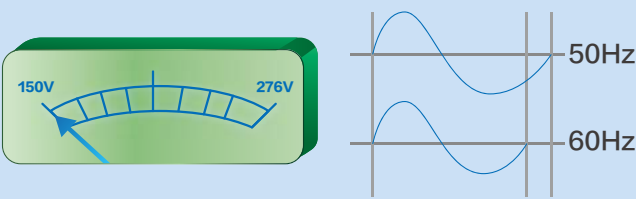
· Dynamic load tracking MPPT technology

· Islanding protection technology

· PAWM interleaving modulation technology

· Intelligent grid self-adaption

stable and reliable operation under wide voltage range from 150V~276V, covering overall grid frequency of 50Hz/60Hz. Wide temperature range -20°C ~ 60°C (Middle East-7°C ~ 60°C) .



Preserved power consuming side response DRED function, which meets the Australian energy subsidy policy.



· Gree unique 2-stage compressor technology

2-stage compressor is more suitable for high-temperature environment.

· 54°C high-temperature cooling control technology

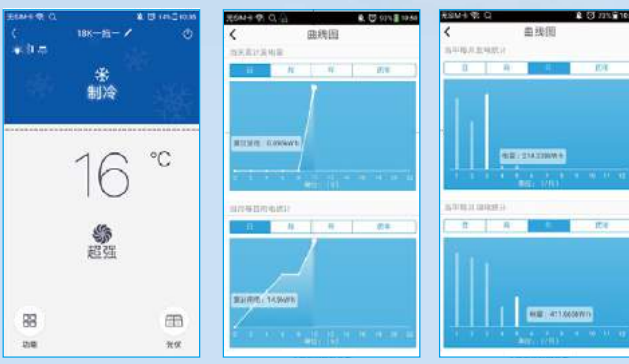
cooling capacity under 54°C without attenuation, air-out temperature can be as low as 16°C .

· WIFI intelligent long-distance control

through the stable and reliable long-distance CAN communication technology, PV product can be connected within 200m range with transmission speed up to 20Kbps.

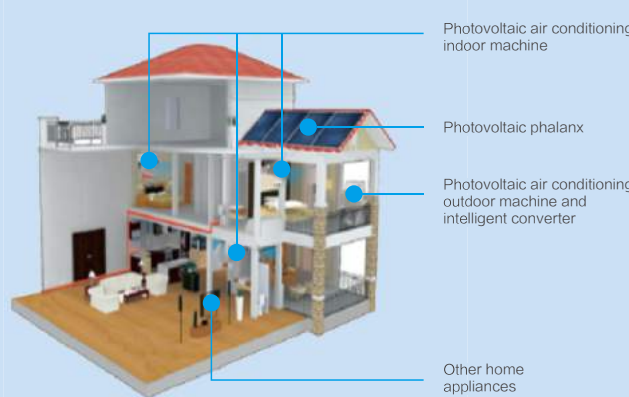
· Intelligent APP energy information management

based on WIFI intelligent interconnection technology, mobile APP can not only conduct long-distance control of PV air conditioner, but can also view the real-time power generation and consumption information and historical information of PV air conditioning system.



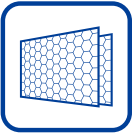
· Application

PV multi VRF unit products are promoted to Gree Brazil, and are successfully applied in the local market.




Icon Interpretation

· Healthy and comfortable




Electrostatic dedusting filter, catechin filter, active carbon filter, silver ion filter, etc.

Healthy Filters




The indoor fan operates at a low fan speed and the operating noise reduces to the lowest.

Quiet Design




It can effectively sterilize and provide the air with more negative oxygen ion.

Cold Plasma



The unit will operate at a super high fan speed in cooling and heating mode for fast cooling and heating.


Turbo Button



Condensate water mixes with dust, and then the dust is removed by decreasing the temperature to frost and heating up temperature to defrost, finally the temperature increases to make the evaporator dry and clean.


Auto Clean

· Intelligent setting




The air conditioner can be remotely controlled via mobile phone and related mobile devices.

Wifi Control




Controller can detect the error of unit, display corresponding error code and stop the operation of unit.

Self-Diagnosis




It can prevent the indoor unit from supplying cool air before the unit has reached the given temperature.

Intelligent Preheating



The air conditioner will postpone the time to automatically adjust the set temperature to satisfy the sleeping demand of user.


Comfortable Sleep Mode



By collecting the ambient temperature via remote controller, the air conditioner can operate according to the human body induction temperature fitly to ensure the comfort to the greatest extent.


I Feel

· Safe and reliable



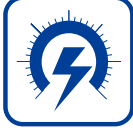
It adopts special anti-corrosion material, corrosion resistance and acid resistance of airconditioner will be reinforced under humid environment.

Golden Fin




Electric box adopts new BMV fireproof material, which is safe and reliable.

Fireproof Design



Unit can operate stably under wide voltage range from 145V-265V, which is suitable for the regions with unstable power supply.


Wide Voltage Range



When the refrigerant is insufficient or the valve is blocked, indoor unit of air conditioner will display error code “F0” and stop operation to protect the unit.

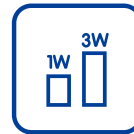
Refrigerant Lacking Protection

· High-efficiency and energy-saving




After entering the energy-saving mode, the cooling temperature of unit will be fixed at 27℃ and fan speed will be adjusted as low speed.

Energy Saver




When the air conditioner shuts down and all the load stops operation, the standby power is less than or equal to 1W.

1W Standby




It can intelligently detect the frost status and conduct fast defrosting to improve the heat-dissipation efficiency.

Intelligent Defrosting



After the dehumidifier conducts fast drying and completes the drying, the indoor humidity will be kept in a certain degree to prevent clothes from mildewing.


Turbo Boost Clothes drying System





After power failure and the power supply resumes, units of the whole building will conduct off-peak re-energization instead of restarting simultaneously to avoid the impact to power grid (especially for engineering project).

Soft Start

Products Overview

Wall-mounted Type	Capacity(Btu/h)	9000	12000	18000	24000	28000	36000	Page
Solar Series 								16
Fairy 	On-Off, R32/R410A		●	●	●	●		19
Muse 								22
Lomo 	On-Off, R410A/R32	●	●	●	●	●	●	24
Bora 	On-Off, R410A		●	●	●	●		28
Floor Standing Type	Capacity(Btu/h)	24000		30000				Page
I-Crown II 	R410A							30
T-Fresh 	On-Off, R410A	●		●				32
Flowind 								34
T-Bright 								36

Window Type	Capacity(Btu/h)	18000			24000		Page
<div> Coolani </div> <div>On-Off, R410A</div> <div><div></div><div></div></div>		<div></div>			<div></div>		38
Portable Type	Capacity(Btu/h)	7000	8000	9000	10000	12000	Page
<div> Mona</div> <div>On-Off, R290</div> <div><div></div><div></div><div></div></div>					<div></div>	<div></div>	41
<div> Purity</div> <div>On-Off, R32</div> <div><div></div><div></div><div></div></div>		<div></div>		<div></div>			43
<div> Shiny</div> <div>On-Off, R410A</div> <div><div></div><div></div><div></div></div>		<div></div>	<div></div>			<div></div>	45



Energy-saving two-stage compressor

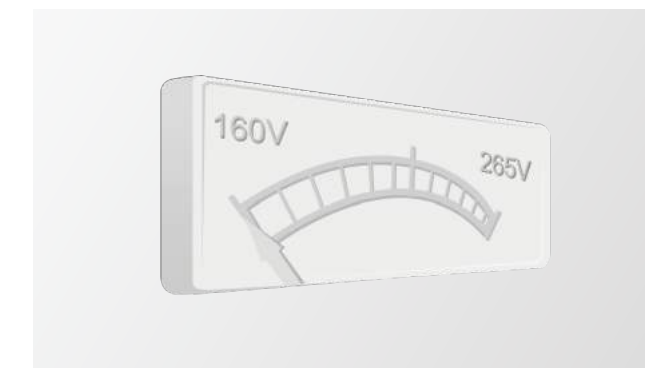
Gree innovated two-stage compressor technology, both indoor unit and outdoor unit adopt direct current, which is high-efficiency and energy-saving.

	Gree two-stage inverter compressor	Conventional inverter compressor
Applicable temperature range	Reliable operation within -30°C-54°C	Reliable operation within -15°C-43°C
Cooling (heating) capacity	Heating capacity is improved by 30% Cooling capacity is improved by 35%	Heating capacity and cooling capacity are not improved
Air outlet temperature	The highest temperature at outlet is 52°C in heating mode; The lowest temperature at air outlet is 12°C in cooling mode.	The highest temperature at outlet is 40°C in heating mode; The lowest temperature at air outlet is 17°C in cooling mode.

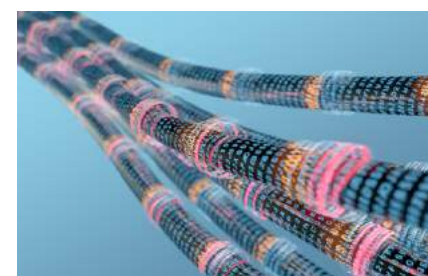
Continuous cooling without attenuation under 54°C working temperature



160V-265V wide voltage range, universal for 50/60Hz



· **WIFI long-distance control function, energy information can be displaced in real time via APP**



· **It adopts the CAN bus based on energy internet for faster transmission**

[Wall-mounted type]

Solar Free Match

Features: ☐ Standard ☐ Optional



Comfortable
Sleep Curves



Intelligent
Preheating



Automatic
Operation



Power-off
Memory



Intelligent
Defrosting



Low Voltage
Startup



LED Display



Auto Clean



Self-diagnosis



Auto Restart



Dehumidifying



Energy Saver



Turbo Button



Timer



Lock



Quiet Design



[Wall-mounted type]

Fairy

Features: ☐ Standard ☐ Optional



3D Airflow



Compact Design



Lock



LED Display



Timer



Auto Clean



Turbo Button



Clock Display



Self-diagnosis



Auto Restart



Comfortable
Sleep Mode



Automatic
Operation



Wifi Control



Healthy Filters



Golden Fin



Cold Plasma



I Feel

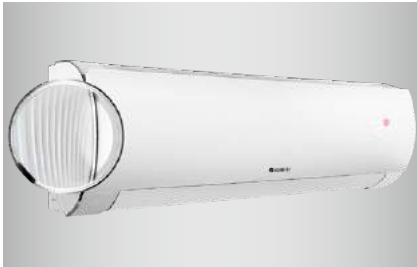
· Independent electric box cover for easy installation and maintenance



· Very quiet, noise is as low as 18dB



· Streamline design of side face



Operation under 54℃ high temperature without attenuation

50Hz


On-Off 

Model			GWC12QC-K3NTB2A	GWC18QD-K3NTB2B	GWC24QE-K3NTB2B	GWC28ACE-K3NTA1B
Function			Cooling	Cooling	Cooling	Cooling
Capacity	Cooling	Btu/h	T1: 11600 T3: 10000	T1: 18000 T3: 15200	T1: 22000 T3: 18500	T1: 27500 T3: 23100
EER/COP		W/W	T1: 3.55 T3: 2.5	T1: 3.52 T3: 2.49	T1: 3.4 T3: 2.43	T1: 3.54 T3: 2.48
Power Supply		Ph,V,Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz
Power Input	Cooling	W	T1: 958 T3: 1172	T1: 1500 T3: 1788	T1: 1896 T3: 2229	T1: 2275 T3: 2720
Rated Current	Cooling	A	8	11.1	13	15.8
Airflow Volume	Indoor	m³/h	650/580/530/460	850/780/650/550	1250/1200/1000/850	1250/1100/950/800
Indoor Unit						
Sound Pressure Level	Indoor	dB(A) (SH/H/M/L)	42/38/34/29	47/44/40/36	50/46/45/38	51/48/45/40
Outline Dimension	WxHxD	mm	845×289×209	970×300×224	1078×325×246	1122×329×247
Package Dimension	WxHxD	mm	921×379×281	1041×383×320	1148×413×350	1193×410×350
Net Weight/Gross Weight	Indoor	kg	10.5/12.5	13.5/16.5	16.5/20	16.5/20
Outdoor Unit						
Sound Pressure Level	Outdoor	dB(A)	50	54	56	57
Outline Dimension	WxHxD	mm	842×596×320	955×700×396	965×700×396	1030×790×427
Package Dimension	WxHxD	mm	881×645×363	1029×750×458	1029×750×458	1140×865×480
Piping Connection	Liquid	mm	φ6	φ6	φ6	φ6
	Gas	mm	φ12	φ12	φ16	φ16
Net Weight/Gross Weight	Outdoor	Kg	36/39	52/56.5	53/57.5	72.5/77.5
Loading Quantity	40'GP	sets	196	127	118	56
	40'HQ	sets	226	146	131	102

Gree reserves the rights to modify the specifications without prior notice,please confirm the final specifications with sales representatives.


60Hz

On-Off 

Model			GWC12ACC-D3NTA1F	GWH12ACC-D3NTA1F	GWC18ACD-D3NTA1G	GWH18ACD-D3NTA1G
Function				Cooling/Heating	Cooling	Cooling/Heating
Capacity	Cooling	Btu/h	T1: 11600 T3: 10200	T1: 11600 T3: 10000	T1: 18000 T3: 15000	T1: 17800 T3: 14500
	Heating	Btu/h	/	3450	/	18425
EER		W/W	T1: 3.5 T3: 2.5	T1: 3.5 T3: 2.5	T1: 3.56 T3: 2.51	T1: 3.56 T3: 2.51
COP		W/W	/	3.5	/	3.45
Power Supply		Ph,V,Hz	1Ph,230V,60Hz	1Ph,230V,60Hz	1Ph,230V,60Hz	1Ph,230V,60Hz
Power Input	Cooling	W	T1: 968 T3: 1200	T1: 970 T3: 1170	T1: 1481 T3: 1754	T1: 1465 T3: 1696
	Heating	W	/	986	/	1565
Rated Current	Cooling	A	6.78	6.28	11.5	11.5
	Heating	A	/	6.76	/	12
Airflow Volume	Indoor	m³/h	690/550/4770/350	690/550/470/350	850/780/650/550	850/780/650/550
Indoor Unit						
Sound Pressure Level	Indoor	dB(A) (SH/H/M/L)	42/39/35/29	42/39/35/29	48/44/40/36	48/44/40/35
Outline Dimension	WxHxD	mm	889×294×212	889×294×212	1013×307×211	1013×307×211
Package Dimension	WxHxD	mm	940×365×284	940×365×284	1080×378×315	1080×378×315
Net Weight/Gross Weight	Indoor	kg	10.5/12.5	11/13	15/18	15/18
Outdoor Unit						
Sound Pressure Level	Outdoor	dB(A)	49	50	56	56
Outline Dimension	WxHxD	mm	848×596×320	848×596×320	965×700×396	965×700×396
Package Dimension	WxHxD	mm	881×645×363	881×645×363	1029×750×458	1029×750×458
Piping Connection	Liquid	mm	φ6	φ6	φ6	φ6
	Gas	mm	φ12	φ12	φ16	φ16
Net Weight/Gross Weight	Outdoor	Kg	33/36	35/38	52/56.5	54/58.5
Loading Quantity	40'GP	sets	191	191	125	125
	40'HQ	sets	218	218	142	142
Energy Efficiency Lable			D	D	D	D

60Hz

On-Off 

Model			GWC24ACE-D3NTA1C	GWH24ACE-D3NTA1G	GWC28ACE-D3NTA1G	GWH28ACE-D3NTA1G
Function			Cooling	Cooling/Heating	Cooling	Cooling/Heating
Capacity	Cooling	Btu/h	T1: 22000 T3: 18300	T1: 22500 T3: 18900	T1: 27200 T3: 23000	T1: 27200 T3: 23000
	Heating	Btu/h	/	22860	/	28800
EER		W/W	T1: 3.46 T3: 2.43	T1: 3.59 T3: 2.49	T1: 3.51 T3: 2.53	T1: 3.51 T3: 2.53
COP		W/W	/	3.75	/	3.55
Power Supply		Ph,V,Hz	1Ph,230V,60Hz	1Ph,230V,60Hz	1Ph,230V,60Hz	1Ph,230V,60Hz
Power Input	Cooling	W	T1: 1865 T3: 2200	T1: 1838 T3: 2228	T1: 2266 T3: 2659	T1: 2266 T3: 2659
	Heating	W	/	1787	/	2380
Rated Current	Cooling	A	13	15.5	17	17
	Heating	A	/	15	/	16
Airflow Volume	Indoor	m³/h	1200/1100/960/820	1250/1100/960/820	1400/1300/1100/850	1400/1300/1100/850
Indoor Unit						
Sound Pressure Level	Indoor	dB(A) (SH/H/M/L)	48/44/40/36	48/44/40/36	52/49/44/39	52/49/44/39
Outline Dimension	WxHxD	mm	1122×329×247	1122×329×247	1122×329×247	1122×329×247
Package Dimension	WxHxD	mm	1193×410×350	1193×410×350	1193×410×350	1193×410×350
Net Weight/Gross Weight	Indoor	kg	17/20.5	17.5/21	16/19.5	16.5/20
Outdoor Unit						
Sound Pressure Level	Outdoor	dB(A)	56	58	58	58
Outline Dimension	WxHxD	mm	965×700×396	1003×790×427	1003×790×427	1003×790×427
Package Dimension	WxHxD	mm	1029×750×458	1083×855×488	1083×855×488	1083×855×488
Piping Connection	Liquid	mm	φ6	φ6	φ6	φ6
	Gas	mm	φ16	φ16	φ16	φ16
Net Weight/Gross Weight	Outdoor	Kg	49.5/54	59/64	69.5/74.5	69.5/74.5
Loading Quantity	40'GP	sets	111	86	56	86
	40'HQ	sets	128	105	105	105
Energy Efficiency Lable			D	D	D	D

Gree reserves the rights to modify the specifications without prior notice,please confirm the final specifications with sales representatives.



Fast cooling and heating

Compressor operates in high frequency to quickly cool down or heat up the room temperature.



[Wall-mounted type]

Muse

Features: ☐ Standard ☐ Optional



Intelligent
Preheating



Automatic
Operation



Power-off
Memory



Intelligent
Defrosting



Low Voltage
Startup



Self-diagnosis



Dehumidifying



Auto Clean



Lock



Quiet Design



Turbo Button



Timer



Energy Saver



· Insect-proof design for more reliable outdoor operation



· Large diameter and unequal distance air duct design for wider air supply



· Novel appearance, water drop shape in side face looks more fancy



Long air supply range

With unequal-distance air duct design and simulation optimization for long distance air supply.

[Wall-mounted type]

Lomo

Features: ☐ Standard ☐ Optional



Dehumidifying



LED Display



Timer



3D Airflow



Turbo Button



Self-diagnosis



Intelligent Auto Restart



Cold Air Prevention



Comfortable Sleep Mode



Intelligent Defrosting



I Feel



Energy Saver



Auto Clean



Wifi Control



Cold Plasma

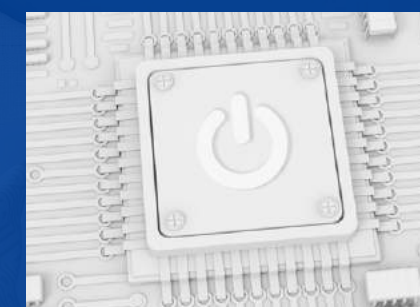


Healthy Filters



· Fast cooling and heating:

Compressor operates in high frequency to quickly cool down or heat up the room temperature.



· Soft startup:

Off-peak power supply to migrate the pressure of public power grid.



· Fireproof electric box:

With new fireproof material for safer operation of indoor unit.

50Hz(For Algeria)

On-Off



Model			GWH09QA-K6NTB2A	GWH12QB-K6NTB2A	GWH18QD-K6NTB2B	GWH24QE-K6NTB2A
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	W	9000	10000	18000	22000
	Heating	W	9300	11000	19107	22000
EER/COP		W/W	3.05/3.40	3.10/3.15	3.30/3.50	3.22/3.75
Power Supply		Ph,V,Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz
Power Input	Cooling	W	865	1040	1600	2000
	Heating	W	801	1023	1600	1720
Rated Current	Cooling	A	6.4	7.19	12	16
	Heating	A	6.5	6.91	12	12
Airflow Volume	Indoor	m³/h	530/450/380/300	550/490/430/330	850/820/790/730	1200/1150/1000/850
Indoor Unit						
Sound Pressure Level	Indoor	dB(A) (SH/HML)	38/36/31/26	41/37/33/28	48/45/42/35	51/47/43/37
Outline Dimension	WxHxD	mm	713×270×195	790×275×200	970×300×224	1078×325×246
Package Dimension	WxHxD	mm	776×362×268	866×367×271	1041×383×320	1148×413×350
Net Weight/Gross Weight	Indoor	kg	8.5/10	9.5/11.5	14/17	16.5/20
Outdoor Unit						
Sound Pressure Level	Outdoor	dB(A)	50	52	53	53
Outline Dimension	WxHxD	mm	776×540×320	782×540×320	904×646×373	912×646×373
Package Dimension	WxHxD	mm	823×595×358	823×595×358	963×695×411	963×695×411
Piping Connection	Liquid	mm	φ6	φ6	φ6	φ6
	Gas	mm	φ9.52	φ12	φ12	φ16
Net Weight/Gross Weight	Outdoor	Kg	29/31.5	32/34.5	50/53	51/54
Loading Quantity	40'GP	sets	240	210	144	128
	40'HQ	sets	267	254	164	146

On-Off



Model			GWC12QC-K3NTB2A	GWC18QD-K3NTB2B	GWC24QE-K3NTB2D	GWC28QF-K3NTB2A	GWC36LB-K3NTA5A	GWH36LB-K3NTA5A
Function			Cooling	Cooling	Cooling	Cooling	Cooling	Cooling/Heating
Capacity	Cooling	W	11600	18000	22000	27500	33000	33000
	Heating	W	/	/	/	/	/	34800
EER/COP		W/W	3.55	3.52	3.4	3.51	2.81	2.81/3.1
Power Supply		Ph,V,Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz
Power Input	Cooling	W	958	1500	1896	2275	3440	3440
	Heating	W	/	/	/	/	/	3300
Rated Current	Cooling	A	8	11.1	13	15.8	25	25
	Heating	A	/	/	/	/	/	25
Airflow Volume	Indoor	m³/h	650/580/530/460	850/780/650/550	1250/1200/1000/850	1250/1200/950/850	1400/1300/1150/1000	1400/1300/1150/1000
Indoor Unit								
Sound Pressure Level	Indoor	dB(A) (SH/HML)	42/38/34/29	47/44/40/36	50/46/42/38	51/48/45/40	55/52/48/45	55/52/48/45
Outline Dimension	WxHxD	mm	845×289×209	970×300×224	1078×325×246	1078×325×246	1350×326×258	1350×326×258
Package Dimension	WxHxD	mm	921×379×281	1041×383×320	1148×413×350	1148×413×350	1141×421×358	1141×421×358
Net Weight/Gross Weight	Indoor	kg	10.5/12.5	13.5/16.5	16.5/20	17/21	20/24.5	20/24.5
Outdoor Unit								
Sound Pressure Level	Outdoor	dB(A)	50	54	56	57	60	60
Outline Dimension	WxHxD	mm	1011×790×427	965×700×396	848×289×209	955×700×396	1000×790×427	1000×790×427
Package Dimension	WxHxD	mm	1143×880×483	1029×750×458	881×645×363	1029×750×458	1143×880×483	1143×880×483
Piping Connection	Liquid	mm	φ6	φ6	φ6	φ6	φ6	φ6
	Gas	mm	φ12	φ12	φ16	φ16	φ19	φ19
Net Weight/Gross Weight	Outdoor	Kg	36/39	52/56.5	53/57.5	72/77	81/86	83/88
Loading Quantity	40'GP	sets	196	127	118	89	79	79
	40'HQ	sets	226	146	131	107	99	99

50Hz

On-Off



Model			GWC18QD-K3NTB2A	GWH18QD-K3NTA1A	GWC24QE-K3NTB2A	GWH24QE-K3DNA1B	GWC28QE-K3NTB2A	GWH28QE-K3NTA1A
Function			Cooling	Cooling/Heating	Cooling	Cooling/Heating	Cooling	Cooling/Heating
Capacity	Cooling	W	18000	18000	22000	22000	28000	27300
	Heating	W	/	18084	/	22200	/	28000
EER/COP		W/W	2.9	2.9/3.05	2.93	2.93/3.41	2.93	2.96/3.1
Power Supply		Ph,V,Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz
Power Input	Cooling	W	1818	1818	2200	2200	2800	2700
	Heating	W	/	1740	/	1910	/	2650
Rated Current	Cooling	A	12.5	13	17	16	18	18
	Heating	A	/	13	/	17	/	18
Airflow Volume	Indoor	m³/h	850/780/650/550	850/780/680/540	1200/1050/900/800	1200/1050/900/800	1200/1100/900/810	1200/1100/900/810
Indoor Unit								
Sound Pressure Level	Indoor	dB(A) (SH/HML)	48/44/41/35	47/44/40/35	49/45/40/37	46/44/40/36	51/48/43/40	51/48/43/40
Outline Dimension	WxHxD	mm	970×300×224	970×300×224	1078×325×246	1078×325×246	1078×325×246	1078×325×246
Package Dimension	WxHxD	mm	1041×383×320	1041×383×320	1148×413×350	1148×413×350	1148×413×350	1148×413×350
Net Weight/Gross Weight	Indoor	kg	14/17	14/17	16.5/20	16.5/20	17/20.5	17/20.5
Outdoor Unit								
Sound Pressure Level	Outdoor	dB(A)	55	57	55	57	58	58
Outline Dimension	WxHxD	mm	1018×700×412	1018×700×412	1000×790×427	1000×790×427	1000×790×427	1000×790×427
Package Dimension	WxHxD	mm	1103×770×453	1103×770×453	1103×770×453	1103×770×453	1143×880×483	1143×880×483
Piping Connection	Liquid	mm	φ6	φ6	φ6	φ6	φ6	φ6
	Gas	mm	φ12	φ16	φ16	φ16	φ16	φ16
Net Weight/Gross Weight	Outdoor	Kg	63/68	65/70	64/69	65/70	75/80	75/80
Loading Quantity	40'GP	sets	116	116	107	107	89	89
	40'HQ	sets	135	135	120	120	107	107



[Wall-mounted type]

Bora

Features: ☐ Standard ☒ Optional



Lock



Compact Design



Comfortable Sleep Mode



LED Display



Timer



Auto Clean



Automatic Operation



Turbo Button



Clock Display



Self-diagnosis



Auto Restart



Healthy Filters



Golden Fin



Cold Plasma



I Feel



· Compact size for high container loading capacity



· With multifunctional filter for fresher air supply



· Fireproof electric box with higher safety performance



50Hz

On-Off









Model			GWC12AAC-K3NTA2A	GWC18AAD-K3NTA2B	GWC24AAE-K3NTA2B	GWC28AAE-K3NTA2C
Function			Cooling	Cooling	Cooling	Cooling
Capacity	Cooling	Btu/h	T1: 11600 T3: 10000	T1: 18000 T3: 15200	T1: 22000 T3: 18500	T1: 27500 T3: 23100
EER		W/W	T1: 3.55 T3: 2.5	T1: 3.52 T3: 2.49	T1: 3.4 T3: 2.43	T1: 3.54 T3: 2.48
COP		W/W	/	/	/	/
Power Supply			Ph,V,Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz
Power Input	Cooling	W	T1: 958 T3: 1172	T1: 1500 T3: 1788	T1: 1896 T3: 2229	T1: 2275 T3: 2720
Rated Current	Cooling	A	8	11.1	13	15.8
Airflow Volume	Indoor	m³/h	650/580/530/460	850/780/650/550	1250/1200/1000/850	1250/1100/950/800
Indoor Unit						
Sound Pressure Level	Indoor	dB(A) (SHH/M/L)	42/38/34/29	47/44/40/36	50/46/42/38	51/48/45/40
Outline Dimension	WxHxD	mm	849×289×215	970×300×224	1080×325×245	1080×325×246
Package Dimension	WxHxD	mm	902×357×279	1041×383×320	1145×400×330	1145×400×330
Net Weight/Gross Weight	Indoor	kg	10.5/12.5	13.5/16.5	16.5/20	16.5/20
Outdoor Unit						
Sound Pressure Level	Outdoor	dB(A)	50	54	56	57
Outline Dimension	WxHxD	mm	848×596×320	955×700×396	955×700×396	1000×790×427
Package Dimension	WxHxD	mm	881×645×363	1029×750×458	1029×750×458	1143×880×483
Piping Connection	Liquid	mm	φ6	φ6	φ6	φ6
	Gas	mm	φ12	φ12	φ16	φ16
Net Weight/Gross Weight	Outdoor	Kg	36/39	52/56.5	53/57.5	72.5/77.5
Loading Quantity						
Loading Quantity	40'GP	sets	194	127	119	88
	40'HQ	sets	229	146	140	102

Gree reserves the rights to modify the specifications without prior notice, please confirm the final specifications with sales representatives.



Energy-saving two-stage compressor
















powerful cooling and heating from -30°C to 54°C.

	Gree 2-stage inverter compressor	Conventional inverter compressor
Applicable temperature range	 Reliable operation within -30°C-54°C	 Reliable operation within -15°C-43°C
Cooling (heating) capacity	 Heating capacity is improved by 30% Cooling capacity is improved by 35%	 Heating capacity and cooling capacity are not improved
Air outlet temperature	 The highest temperature at outlet is 52°C in heating mode; The lowest temperature at air outlet is 12°C in cooling mode.	 The highest temperature at outlet is 40°C in heating mode; The lowest temperature at air outlet is 17°C in cooling mode.

[Floor Standing type]

I-Crown II

Features: ☐ Standard ☒ Optional

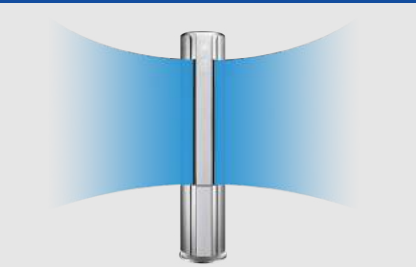
- 
Wifi Control
- 
R410A
- 
Auto Clean
- 
Lock
- 
LED Display
- 
4 Sleep curves
- 
Dehumidifying
- 
54°C Cooling
- 
8°C Heating
- 
3D Airflow
- 
Timer
- 
Auto Restart
- 
Quiet Design
- 
7 Fan Speeds
- 
-30°C Heating
- 
Intelligent Preheating



· Remove PM2.5 efficiently and make life healthier



· Concealed display, touch screen control



· 140° enclosed double air outlet design for wider air supply range and large air volume



· Concealed LED display, both touch screen and button control are available



· Refrigerant-lacking protection



· Separate cooling and heating air supply

Side drawable filter for convenient cleaning



[Floor standing type]

T-Fresh

Features: ☐ Standard ☐ Optional

- Timer
- Lock
- Healthy Filters
- Touch Button
- Quiet Design
- LED Display
- Auto Restart
- Wide Operation Climate Range
- Closed Louver Design
- Closed Structure of Connection Pipe Outlet
- Refrigerant Lacking Protection

On-Off

Model		GVC24AL-K3NTC7A	GVH24AL-K3NTC7A	GVC30AL-K3NTC7A	GVH30AL-K3NTC7A	GVC48AL-M3NTC7A	GVH48AL-M3NTC7A
Function		Cooling	Cooling/Heating	Cooling	Cooling/Heating	Cooling	Cooling/Heating
Capacity	Cooling	Btu/h	24000	24000	31400	31400	42000
	Heating	Btu/h	/	25900	/	33100	49800
EER	W/W	2.84	2.84	3.04	3.04	2.8	2.8
COP	W/W		3.23		3.46		3.36
Power Supply		Ph,V,Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	3Ph,380~415V,50Hz	3Ph,380~415V,50Hz
Power Input	Cooling	W	2480	2480	3030	4400	4400
	Heating	W	/	2350	/	2800	4350
Rated Current	Cooling	A	16.9	16.9	18.3	18.3	12.3
	Heating	A	/	14.6	/	18.3	9.5
Airflow Volume		Indoor m³/h	1200/1100/1000/850	1200/1100/1000/850	1900/1850/1550/1400	1900/1850/1550/1400	1800/1630/1420/1250
Indoor Unit							
Sound Pressure Level	Indoor	dB(A) (SPLHML)	46/44/41/37	46/44/41/37	52/49/46/44	52/49/46/44	53/51/49/48
Outline Dimension	WxHxD	mm	507×1770×320	507×1770×320	587×1882×394	587×1882×394	587×1882×394
Package Dimension	WxHxD	mm	623×1998×440	623×1998×440	738×2153×545	738×2153×545	738×2153×545
Net Weight/Gross Weight	Indoor	kg	40/52	40/52	55/77.5	55/77.5	59/81.5
Outdoor Unit							
Sound Pressure Level	Outdoor	dB(A)	56	56	58	58	60
Outline Dimension	WxHxD	mm	955×700×396	955×700×396	1000×790×427	1000×790×427	1032×1250×412
Package Dimension	WxHxD	mm	1029×750×458	1029×750×458	1143×880×483	1143×880×483	1113×1400×453
Piping Connection	Liquid	mm	φ6	φ6	φ9.52	φ9.52	φ12
	Gas	mm	φ16	φ16	φ16	φ16	φ19
Net Weight/Gross Weight	Outdoor	Kg	58/62.5	60/64.5	73/78	74.5/79.5	106/117
Loading Quantity	40'GP	sets	66	66	41	41	32
	40'HQ	sets	71	71	49	49	39

Gree reserves the rights to modify the specifications without prior notice,please confirm the final specifications with sales representatives.



· Curved edge folding design, fashionable and simple



· High-efficiency quiet air duct design for large air volume and low noise



· Motive double guide louver structure for more uniform temperature and comfortable experience

[Floor standing type]

Flowind

Features: ☐ Standard ☐ Optional



3D Airflow



LED Display



Lock



Ions Function



Auto Restart



Timer



Self-diagnosis



Healthy Filters



Auto Clean



Quiet Mode



Turbo Button



Quiet Design



Low Voltage Startup



Intelligent Preheating



Comfortable Sleep Mode



Power-off Memory



Drying anti-mildew Technology



Refrigerant Lacking Protection

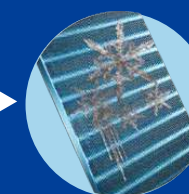


Intelligent Defrosting Monitor

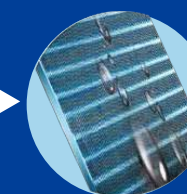
Evaporator has self-cleaning technology, air outlets are removable and washable



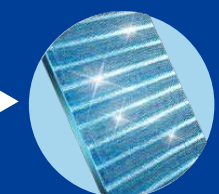
Condensation



Frost



Defrost



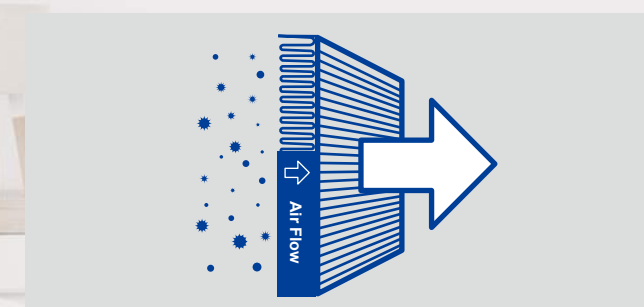
Dry



· Fully automatic sliding lift door, beautiful and dustproof



· Separate cooling and heating air supply



· Antibacterial and mildewproof filter, breathing healthy air

[Floor standing type]

T-Bright

Features: ☐ Standard ☐ Optional



3D Airflow



LED Display



Lock



Ions Function



Auto Restart



Timer



Self-diagnosis



Healthy Filters



Auto Clean



Quiet Mode



Turbo Button



Quiet Design



Low Voltage Startup



Intelligent Preheating



Comfortable Sleep Mode



Power-off Memory



Drying anti-mildew Technology



Refrigerant Lacking Protection



Intelligent Defrosting Monitor

Cold air protection:

in heating mode, it will pre-discharge cold air and then supply hot air.





[Window type]

Coolani

Features: ☐ Standard ☐ Optional



Auto Restart



Compact Design



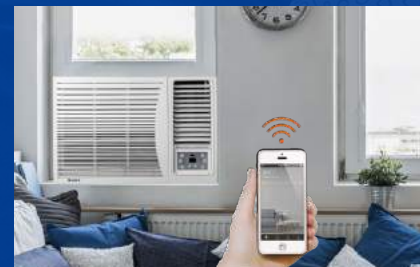
Fresh Air Supply Ventilation



Golden Fin



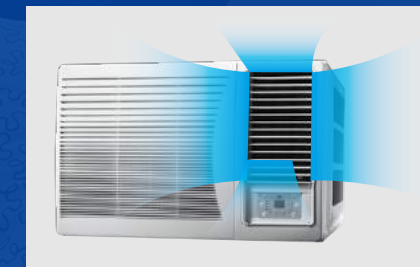
· Hot sale model is more popular



· Optional WIFI intelligent control function



· Soft startup: Off-peak power supply for mitigating pressure of public power grid and postponing loss of compressor.



· Auto ventilation: Unit can introduce a certain proportion of fresh air to meet the requirements of fresh air.

50Hz

On-Off 

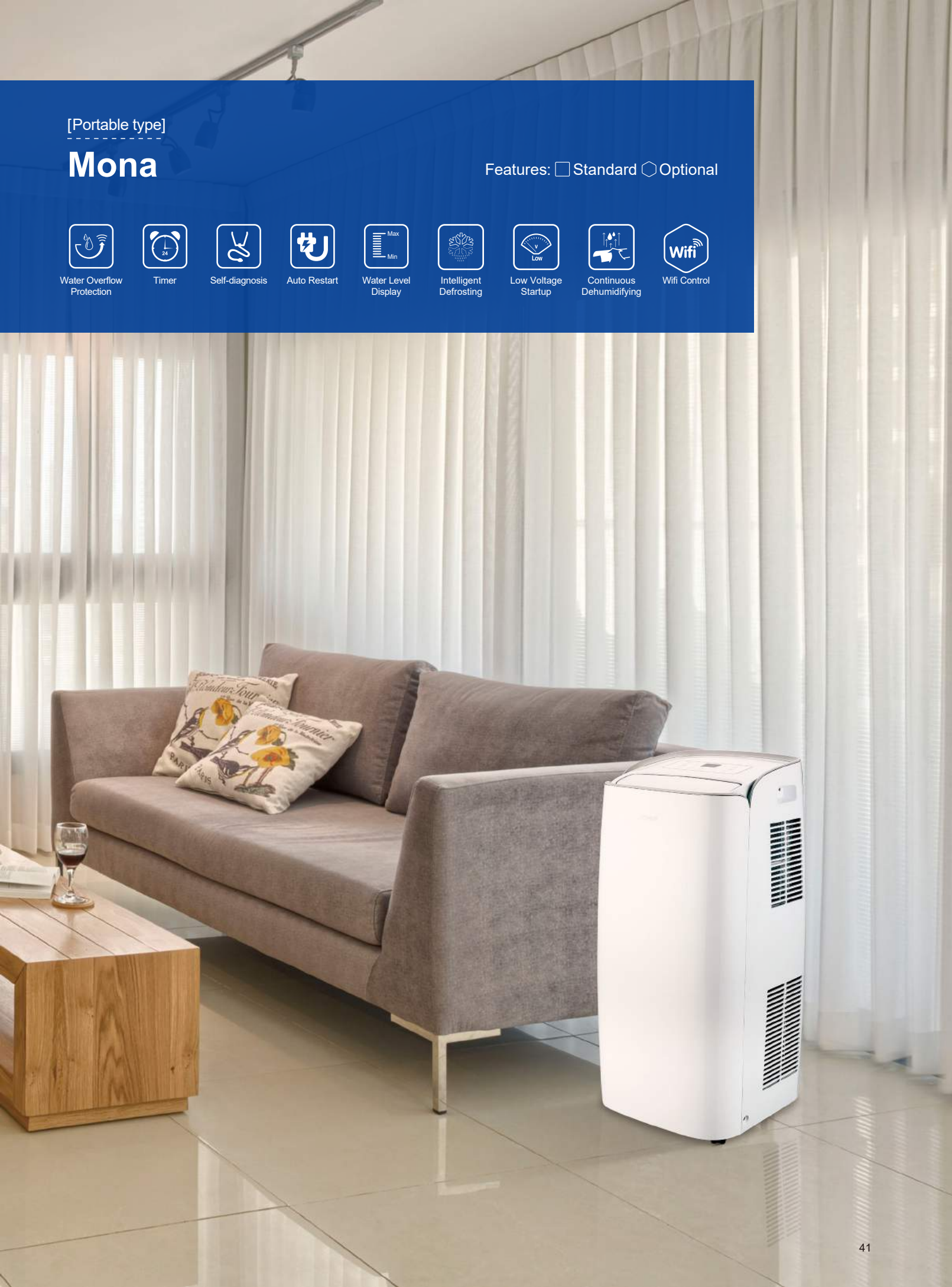
Model			GJC18AG-K3NMTC6A	GJE18AG-K3NMTC6A	GJC24AE-K3NMTC6A	GJE24AE-K3NMTC6A
Function			Cooling	Cooling/Heating	Cooling	Cooling/Heating
Capacity	Cooling	Btu/h	T1: 18000 T3: 15100	T1: 17600 T3: 15000	T1: 22000 T3: 18200	T1: 21500 T3: 18100
	Heating	Btu/h	/	9724	/	9724
EER		W/W	T1: 2.9 T3: 2.1	T1: 2.9 T3: 2.1	T1: 2.92 T3: 2.1	T1: 2.92 T3: 2.1
COP		W/W	/	0.88	/	0.77
Power Supply		Ph,V,Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz
Power Input	Cooling	W	T1: 1820 T3: 2110	T1: 1780 T3: 2095	T1: 2210 T3: 2545	T1: 2160 T3: 2530
	Heating	W	/	3230	/	3680
Rated Current	Cooling	A	13	13	14.3	14.3
	Heating	A	/	14.2	/	16.2
Airflow Volume	Indoor	m³/h(H/M/L)	650/590/530	590/-/530	880/820/760	820/-/760
Sound Pressure Level	Indoor	dB(A)(H/M/L)	53/51/49	54/-/52	58/55/53	58/-/55
Outline Dimension	WxHxD	mm	660×428×700	660×428×700	660×428×770	660×428×770
Package Dimension	WxHxD	mm	739×505×793	739×505×793	739×505×863	739×505×863
Net Weight/Gross Weight	Outdoor	kg	54/58	55/59	62/67	63/68
Loading Quantity	40'GP	sets	184	184	164	164
	40'HQ	sets	230	230	205	205

60Hz

On-Off 

Model			GJC18AG-D3NMTD6D	GJE18AG-D3NMTD8D	GJC24AE-D3NMTD5D	GJE24AE-D3NMTD8D
Function			Cooling	Cooling/Heating	Cooling	Cooling/Heating
Capacity	Cooling	Btu/h	T1: 18000 T3: 14900	T1: 17600 T3: 14800	T1: 21800 T3: 18300	T1: 21400 T3: 17900
	Heating	Btu/h	/	9724	/	10407
EER		W/W	T1: 2.99 T3: 2.10	T1: 2.96 T3: 2.1	T1: 2.97 T3: 2.10	T1: 2.96 T3: 2.09
COP		W/W	/	0.85	/	0.85
Power Supply		Ph,V,Hz	1Ph,230V,60Hz	1Ph,230V,60Hz	1Ph,230V,60Hz	1Ph,230V,60Hz
Power Input	Cooling	W	T1: 1760 T3: 2080	T1: 1740 T3: 2070	T1: 2150 T3: 2550	T1: 2120 T3: 2505
	Heating	W	/	3400	/	3650
Rated Current	Cooling	A	12.1	12	15	14.6
	Heating	A	/	15.2	/	16
Airflow Volume	Indoor	m³/h(H/M/L)	720/660/600	660/-/600	900/840/780	820/-/760
Sound Pressure Level	Indoor	dB(A)(H/M/L)	56/54/52	57/-/55	59/57/55	58/-/56
Outline Dimension	WxHxD	mm	660×428×700	660×428×700	660×428×770	660×428×770
Package Dimension	WxHxD	mm	739×505×793	739×505×793	739×505×863	739×505×863
Net Weight/Gross Weight	Outdoor	kg	52/56	53/57	62/67	63/68
Loading Quantity	40'GP	sets	184	184	164	164
	40'HQ	sets	230	230	205	205

Gree reserves the rights to modify the specifications without prior notice,please confirm the final specifications with sales representatives.



[Portable type]

Mona

Features: ☐ Standard ☒ Optional



Water Overflow Protection



Timer



Self-diagnosis



Auto Restart



Water Level Display



Intelligent Defrosting



Low Voltage Startup



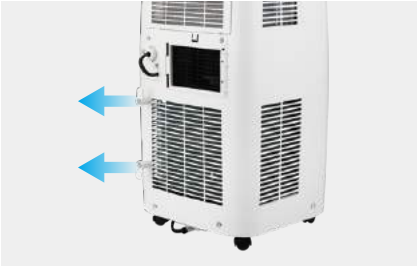
Continuous Dehumidifying



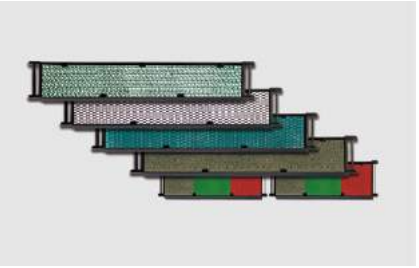
Wifi Control



· Top discharge design with large guide louver, creating balanced temperature field



· Double drain design, with both cooling and humidifying functions for convenient use



· Multiple healthy filters for selection



Simple and elegant stamen outline

On-Off  ₹290


Model			GPC10AN-K5NNA1A(WIFI)	GPC12AN-K5NNA1A(WIFI)
Function			Cooling	Cooling
Capacity	Cooling	Btu/h	9895	11945
EER/COP		WW	3.10	2.60
Power Supply		Ph,V,Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz
Power Input	Cooling	W	935	1345
Rated Current	Cooling	A	5.2	8.0
Airflow Volume	Indoor	m³/h	380/330/280	380/330/280
Sound Pressure Level	Indoor	dB(A)(SH/H/ML)	53/51/49	53/51/49
Outline Dimension	WxHxD	mm	405×835×385	405×835×385
Package Dimension	WxHxD	mm	454×879×580	454×879×580
Net Weight/Gross Weight	Outdoor	Kg	35.5/41	35.5/41
Loading Quantity	40'GP	sets	208	208
	40'HQ	sets	311	311

Gree reserves the rights to modify the specifications without prior notice,please confirm the final specifications with sales representatives.


[Portable type]

Purity


Features: ☐ Standard ☒ Optional




Water Overflow Protection




Timer




Self-diagnosis




Auto Restart




Water Level Display




Intelligent Defrosting



Low Voltage Startup



Continuous Dehumidifying



Wifi Control





· High-efficiency heat exchanger, strong overload capacity



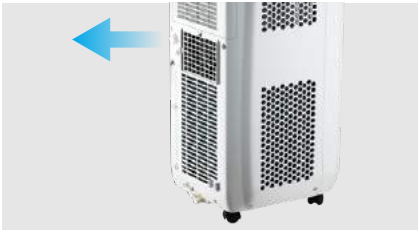
· Wifi control, man-machine dialogue, intelligent operation



· Smooth surface with less screws, petal-shape curve outline



Operating noise under low notch is as low as 49dB



· Middle drain function for convenient use

Model			GPC07AM-K6NNA2A	GPC09AM-K6NNA2A
Function			Cooling	Cooling
Capacity	Cooling	Btu/h	7000	9000
EER/COP		WWW	3.11	2.61
Power Supply		Ph,V,Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz
Power Input	Cooling	W	660	1010
Rated Current	Cooling	A	3.5	5.3
Airflow Volume	Indoor	m³/h	300/270/240	310/280/250
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	52/50/48	53/51/49
Outline Dimension	WxHxD	mm	304×805×358	304×805×358
Package Dimension	WxHxD	mm	365×879×493	365×879×493
Net Weight/Gross Weight	Outdoor	Kg	24/29.5	26.5/32
Loading Quantity	40'GP	sets	304	304
	40'HQ	sets	455	455

On-Off ₹32

[Portable type]

Shiny

Features: ☐ Standard ☐ Optional

3D Airflow

Comfortable Sleep Mode

Timer

Self-diagnosis

Auto Restart

LED Display

Cold Air Prevention

Wifi Control





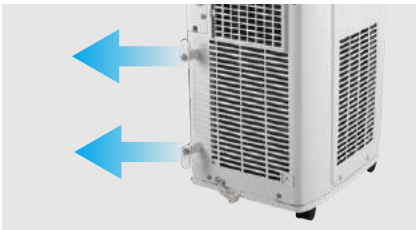
· Developed by series to satisfy different demands of global market




· Sufficient power and energy efficiency, strong overload capacity



· Concealed handle and control panel, user-friendly design



· High drip continuous drainage, suitable for humid environment, convenient for installation and use of drain pipe

			On-Off 			
Model			GPC07AK-K3NNA1A	GPC08AK-K3NNA1A	GPC12AL-K3NNA1A	GPH12AL-K3NNA1A
Function			Cooling	Cooling	Cooling	Cooling
Capacity	Cooling	Btu/h	7000	8000	12000	12000
EER/COP		WW	2.62	2.62	2.61	2.61
Power Supply		Ph,V,Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz	1Ph,220~240V,50Hz
Power Input	Cooling	W	780	895	1345	1345
Rated Current	Cooling	A	4.2	4.8	7	7
Airflow Volume	Indoor	m³/h	320/290/260	320/290/260	360/330/300	360/330/300
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	51/49/47	51/49/47	53/51/49	53/51/49
Outline Dimension	WxHxD	mm	315×770×395	315×770×395	390×820×405	390×820×405
Package Dimension	WxHxD	mm	358×881×463	358×881×463	455×862×581	455×862×581
Net Weight/Gross Weight	Outdoor	Kg	24/28	24.5/28.5	39/44	39/44
Loading Quantity	40'GP	sets	330	330	208	208
	40'HQ	sets	494	494	311	311

Note:

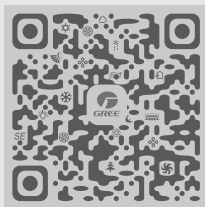
Gree is committed to continuously improving its products to ensure the highest quality and reliability standards, and to meet local regulations and market requirements.

All features and specifications are subject to change without prior notice.

All images provided in this catalogue are used for illustration purposes only.

Copyright© Gree Electric Appliances, Inc. of Zhuhai. All rights reserved.

GC-1909-01



GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI

Add: West Jinji Rd, Qianshan, Zhuhai, Guangdong, China 519070

Tel: (+86-756) 852 2218

Fax: (+86-756) 866 9426

Email: gree@gree.com.cn

<http://www.gree.com>

HONG KONG GREE ELECTRIC APPLIANCES SALES LIMITED

Add: Unit 2612, 26/F, Mira Place Tower A 132 Nathan Road, TsimshaTsui, Kowloon, Hong Kong

Tel: (852) 3165 8898

Fax: (852) 3165 1029