

SHENYANG GEMEI APPLIANCES CO., LTD.

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- Our company reserves the right to change the product name, design, and specifications without prior notice. Printing may result in differences between the product and the actual product in the documentation, and the actual machine shall prevail.
 - In order for users to use our company's products correctly, the specific functions shall be subject to the accompanying instructions.
 - The product involves data, and the parameters are based on the body nameplate.
 - Our company reserves the final right to interpret all relevant content in the materials.



AIR CONDITIONER
CATALOGUE



Company profile

Founded in 2007 and headquartered in Shenyang, **SHENYANG GEMEI APPLIANCES CO., LTD.** is a comprehensive home appliance technology company integrating R&D, manufacturing, sales, and service.

Our production base is located in southern China, near the Guangdong-Hong Kong-Macau Greater Bay Area, offering strategic access to domestic and international markets. The facility covers nearly 200,000 square meters, with a total investment of 1.5 billion yuan and an annual output of 3 million air conditioning units.

Our product range includes residential split and central air conditioners, commercial HVAC systems, heat pumps, and smart home appliances. Over the years, we have earned titles such as:

National High-Tech Enterprise
Green Manufacturing Enterprise of Guangxi Zhuang Autonomous Region
Wuzhou Air Conditioner Energy-Saving Engineering Technology Research Center

We hold over 20 independent patents, especially in the development of our signature "New Air Super Air Conditioner", which has received industry recognition including:

Dual Safety Standard Certification
Smart Health Brand
Technological Innovation Pioneer

With innovation at our core, SHENYANG GEMEI APPLIANCES CO., LTD. is committed to delivering intelligent, efficient, and reliable home climate solutions to customers worldwide.

Overseas layout

The integrated manufacturing base of **SHENYANG GEMEI APPLIANCES CO., LTD.** is located in Wuzhou City, Guangxi, adjacent to the Southwest Coastal Port Cluster and the Pearl River Delta Port Group. With proximity to major ports such as Guangzhou Port, Shenzhen Port, and Beibu Gulf Port, the location offers highly efficient global logistics and freight transportation.

Our products are widely distributed across the domestic market, as well as Europe, the Middle East, Africa, Latin America, Southeast Asia, and other regions. The company has developed into one of China's leading large-scale manufacturers of air conditioning products.



Air Conditoner

SHENYANG GEMEI APPLIANCES CO., LTD. provides a comprehensive range of air conditioning products, including residential wall-mounted split units, floor-standing air conditioners, ceiling cassette units, ducted systems, and other light commercial air conditioning solutions.

Over the years, GEMEI Air Conditioning has become one of the leading global suppliers in the air conditioning industry, recognized for its innovative technology, advanced manufacturing capabilities, and professional customer service.



Outdoor unit



Indoor unit



Evaporator / Condenser



Sheet Metal



Injection molding



Painting Workshop

Automation

SHENYANG GEMEI APPLIANCES CO., LTD. maintains a self-matching rate of over 75% for its products and operates eight major assembly workshops, including intelligent electronic control, internal assembly, external assembly, sheet metal stamping, heat exchanger, injection molding, spraying, and pipeline components. This enables the company to maintain a relatively complete industrial chain for air conditioning manufacturing.

The company has introduced industry-leading automated production lines, as well as advanced equipment for raw material and finished product testing, including enthalpy difference labs, leakage testing, aging chambers, and more. It also utilizes a modern ERP management platform to support production and operations.

Based on market demand, the company has invested tens of millions of yuan to independently design and develop both products and molds, forming a broad, multi-system product structure, which lays a solid foundation for intelligent and large-scale enterprise development.

GEMEI' s products are mainly sold in China, as well as to countries and regions such as Europe, the Middle East, and Southeast Asia, and the company has become one of the major air conditioning product manufacturers in China.

1000 staffs

Over 1000 staffs, include 120 R&D engineers

36 countries

Export to more than 36 countries.

3 Million units

annual manufacturing capability

2 million sets

Sales of 2 million sets in 2023



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DC INVERTER

YNLI DC frequency conversion technology enables more precise temperature control of air conditioners, faster cooling speed, and quieter operation.

180° Sine Wave Control

YNLI DC Inverter technology has unique and accurate vector control algorithm. The most suitable operation mode can be determined over time, and it could adjust the power output accordingly to make the compressor run smoothly.

High Performance in Extreme Environment

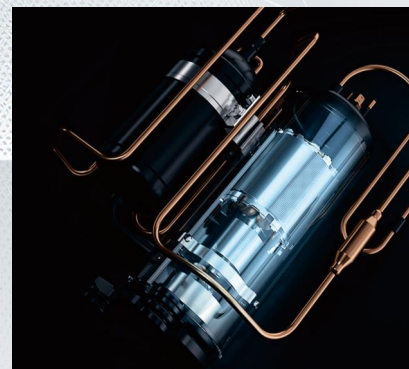


YNLI air conditioner keeps you cool even at 60°C high temperature with optimized high performance compressor and special cooling cycle system.



By optimizing the system and efficient configuration, it can ensure that the air conditioner can also heat effectively in extremely cold environment.

Twin Rotary Compressor

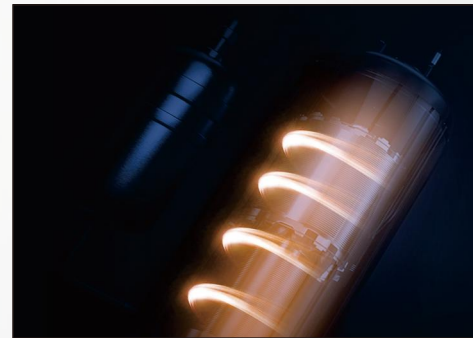


Using internationally renowned brand full DC variable frequency compressors, paired with indoor and outdoor DC fan motors, not only does it have stable and long-lasting performance, but it also shows outstanding energy-saving and consumption reduction.

DC Motor



When it comes to starting and regulating speed, DC motors have a good performance. A Direct Current motor runs smoothly and the range of speed regulation is wide. The overload capability is strong and the electromagnetic interference is small.



Smart Control

Accurate control of speech recognition



**MORE INTELLIGENT
FOR USERS**

BENEFITS

- No Network Required
No need to be restricted by the network, and no need to install an APP.
- Save investment cost
No voice assistant required, saving on device purchases.

TECHNOLOGY • 300ms Rapid Response



uses high-performance AI dedicated chips, integrating voice neural network algorithms to achieve fast dual-microphone pickup, noise reduction, recognition, command feedback, and interaction, supporting 300ms rapid response.

Support up to 8 languages in the world, at the same time, it has a high recognition rate, and the wake-up rate of home scenes is over 95% faster.

OFFLINE VOICE CONTROL



offline voice control technology, designed to solve users' pain points, completely offline voice analysis, network is not required, providing innovative solutions to make our life better.

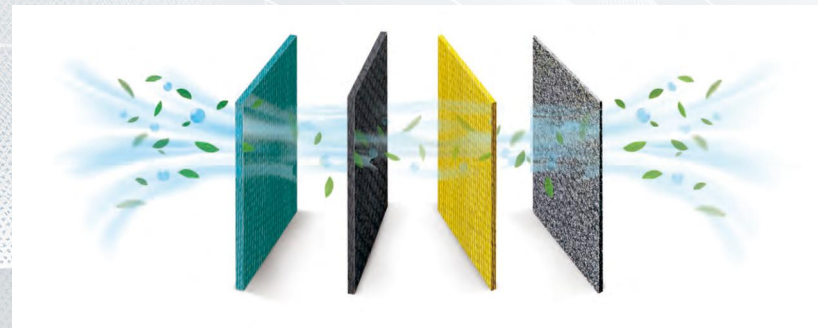
WIFI CONTROL



YNLI smart air conditioners can be controlled or scheduled from your phone no matter where you are. Make your life so easy, so smart.

YNLI intelligent AC is a cloud service that aims to serve global customers. Through the cloud, users can control their home cooling systems with one click, and enjoy the benefit of intelligent life. Intelligent cloud service has positioned servers groups in multiples areas around the world, users will be automatically matched to the servers in their area accordingly. With the help from global DNS and CDN accelerators, users can enjoy an express cloud browsing.

HEALTH CARE



High density silver ion filter

- Air travels through multiple filters and each has the function to provide you with better and healthier air.
- YNLI High Density Filter creates cleaner air with outstanding dust collection due to new improved density of the filter.



Self-clean



58°C Self-clean



Mildew Proof



Anti Virus Filter



3 in 1 Filter

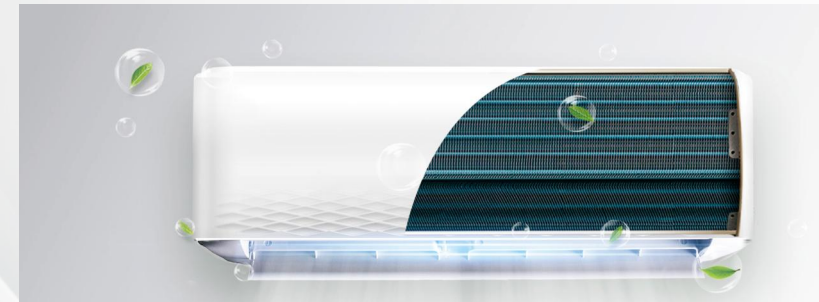


Cold Plasma

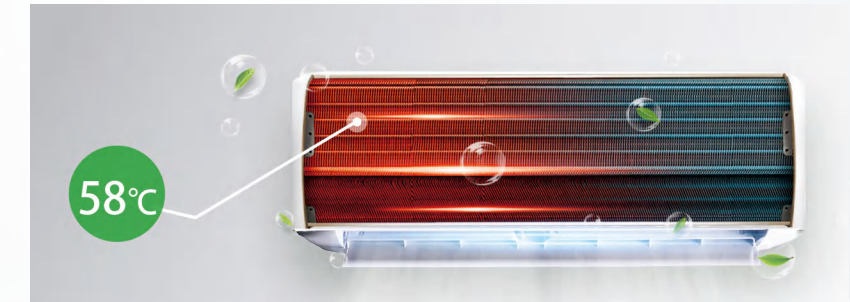


High Density Filter

58°C SELF-CLEAN



Self-clean technology can remove the dust and dirt landing on the heat exchanger, and improve your indoor air quality.

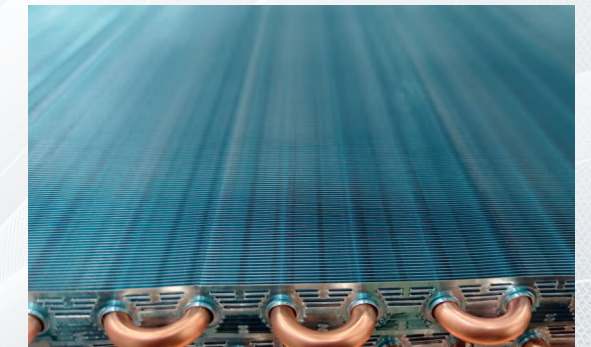


58 °C self-cleaning can keep the air conditioner in the best condition and effectively kill the bacteria and viruses on the evaporator to keep the air pure.

Hydrophilic Coated Film

The hydrophilic coating is more conducive to dust removal and can also improve the corrosion resistance of the heat exchanger.

When the self-cleaning is selected with one button, the surface of the evaporator is rapidly cooled and frosted, generating strong cold expansion force to peel off dirt. Then the frost is rapidly melted, and later it is washed away, and drying makes the evaporator clean.



Step 1
Condensing



Step 2
Frosting



Step 3
Defrosting and Flushing



Step 4
58°C drying and sterilization

58°C High Temperature Sterilization

After the evaporator surface condenses, the evaporator will quickly cool down and condenses the frost, generating a strong cold expansion force to peel off the dirt and defrost and wash it.

Then the air conditioner will heat up at a high speed, with the highest temperature reaching 58 °C. The evaporator will be dried and the disinfection will be sterilized at a high temperature.

ENERGY SAVING



ECO Mode

When ECO mode is on, the air conditioner will limit the input power to save energy and make the unit more economical. This is a huge advantage for users who want a comfortable cooling experience without worrying about the cost of using. (Inverter)



ECO



New Ducting Technology



Turbo Mode



Sleep Mode

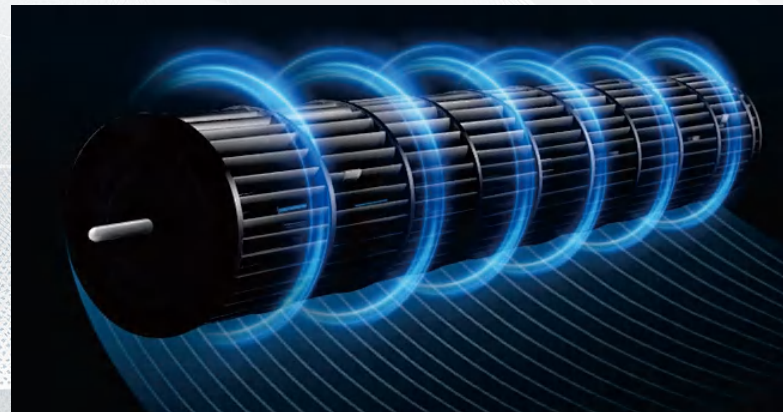


3D Airflow



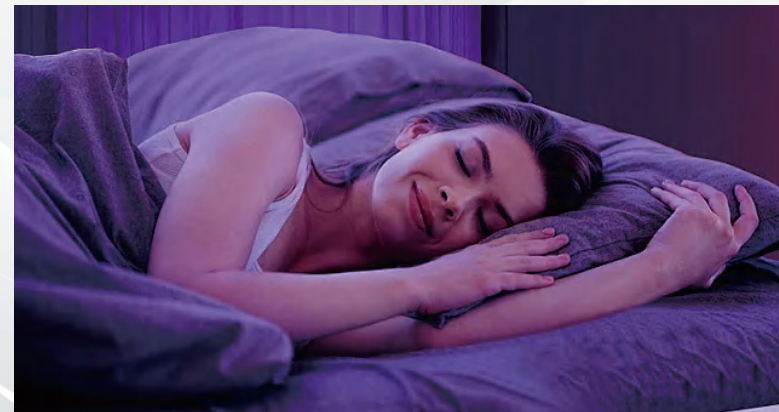
Super Silent

COMFORT AIRFLOW



• Turbo Mode

With this function, the air conditioner will maximize the output of cooling and heating capacity, making the room cool down or heat up more rapidly, and attain the desired temperature in the shortest time.



• Sleep Mode

In sleep mode, the indoor unit reduces the wind speed and turns off the display light to avoid light and noise from interfering with the user's sleep, that creates the desirable climate for a good night's sleep.

Remote Control



- ① TEMP UP: Increase the temperature or time by 1 unit.
- ② TEMP DN: Decrease the temperature or time by 1 unit.
- ③ ON/OFF: To switch the conditioner on and off.
- ④ : To select the fan speed of auto/mute/low/mid/high/turbo.
- ⑤ TIMER: To set automatic switching-on/off.
- ⑥ SLEEP: To activate or deactivate of the function "SLEEP".
- ⑦ I FEEL: To activate or deactivate of the function "I FEEL".
- ⑧ MODE: To select the mode of operation.
- ⑨ MUTE: Turn on silent mode.
- ⑩ V-SWING: To activate or deactivate of the movement of the "DEFLECTORS".
- ⑪ H-SWING: To activate or deactivate of the movement of the "FLAPS".
- ⑫ DISPLAY: To switch on/off the LED display (if present).
- ⑬ WIFI: To activate or deactivate of the function "WF".

- ! The outlook and some function of remote control may vary according to the model.
- ! The shape and position of buttons and indicators may vary according to the model, but their function is the same.
- ! The unit confirms the correct reception of each press button with a beep.

Features Guide

Standard

Optional

DC Inverter



Ultra-low
Frequency
Control

YNLI DC inverter air conditioner operates at ultra-low frequency of 1Hz, which can control the temperature more accurately and maintain constant comfort while saving energy.



Fast Cooling
& Heating

YNLI DC inverter air conditioner adopts a unique step-up frequency technology. Compared with the step speed regulation of DC Inverter air conditioner, it can control the compressor speed more accurately and smoothly, thus realize faster starting speed and fast cooling and heating.



Triple Voltage
Care

YNLI specially designed triple voltage care to easily solve the impact of grid fluctuations on the operation of air conditioners, effectively deal with voltage fluctuations to ensure that the wide voltage operation of air conditioners is applicable, and can still work stably under low voltage, and effectively protect the air conditioners under high voltage impact.



-25°C Heating

By optimizing the system and efficient configuration, it can ensure that the air conditioner can also heat effectively in extremely cold environment.



60°C Cooling

YNLI air conditioner keeps you cool even at 60°C high temperature with optimized high performance compressor and special cooling cycle system.



Full DC
Inverter

The step motor, indoor fan motor and outdoor fan motor, together with the compressor have been upgraded to All DC Inverter technology, that offers the opportunity in the air conditioning units to operate economically and more efficient.

Energy Saving



Brand
Compressor

YNLI air conditioners use world-class brand compressors.



New Ducting

Traditional pipeline systems, due to their design, are prone to generating vortices inside the pipeline, resulting in airflow obstruction, abnormal noise, and increased energy consumption. YNLI air conditioning adopts an advanced super large impeller air supply system, which reduces noise by 3-5 decibels compared to similar air conditioning products under the same air volume, thereby improving operating efficiency.



ECO

Inverter-When ECO mode is on, the air conditioner will limit the input power to save energy and make the unit more economical. This is a huge advantage for users who want a comfortable cooling experience without worrying about the cost of using. On-off-By optimizing the operation strategy of the air conditioner and controlling the start-stop frequency of the compressor, energy efficiency is improved and energy consumption is reduced.

Smart



WIFI Control

YNLI smart air conditioners can be controlled or scheduled from your phone no matter where you are. you to control your AC by using voice commands, makes our life simple and smart.



Offline
Voice Control

YNLI offline voice control technology, designed to solve users' pain points, completely offline voice analysis, network is not required, providing innovative solutions to make life better.

Features Guide

Standard

Optional

Health



Mildew Proof

There is still water in the unit after the air conditioner is turned off. YNLI mildew proof technology, when the air conditioner is turned off, the fan will keep running for 3 minutes to dry the evaporator and the fan, will keep the unit from mildew.



High Density Filter

YNLI High Density Filter creates cleaner air with outstanding dust collection due to new improved density of the filter.



58°C Self-clean

After the evaporator surface condenses, the evaporator will quickly cool down and condenses the frost, generating a strong cold expansion force to peel off the dirt and defrost and wash it. Then the air conditioner will heat up at a high speed, with the highest temperature reaching 58 °C. The evaporator will be dried and the disinfection will be sterilized at high temperature.



Cold Plasma

Cold Plasma is a device that ionizes the air by positive and negative high voltage electrodes simultaneously. Through air ionization, the positively charged ions move into the living space and pull hydrogen electrons from mold, viruses, and bacteria found in the air, thus causing them to die.



Anti Virus Filter

The anti-virus filter has a bacteriostatic rate of over 99% against bacteria and viruses.



3 in 1 Filter

Air travels through multiple filters and each has the function to provide you with better and healthier air.

Comfort



Turbo Mode

With this function, the air conditioner will maximize the output of cooling and heating capacity, make the room cool down or heat up more rapidly, and attain the desired temperature in the shortest time.



Sleep Mode

In sleep mode, the indoor unit reduces the wind speed and turns off the display light to avoid light and noise from interfering with the user's sleep, that creates the desirable climate for a good night's sleep.



5 Grades Indoor Fan Speeds

Remote control, indoor optional speed control, strong, high, medium, low, quiet.



3D Airflow

Louvers on YNLI air conditioners can swing automatically combining both vertical and horizontal directions. Detailed wind direction makes it possible to spread the cool air evenly and widely









Quiet Mode

In quiet mode, air conditioner will run at super breeze to reduce the indoor unit operating sound.







Features Guide

Standard Optional






Convenience

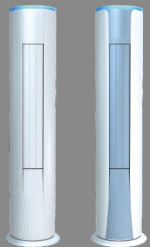




	Auto Restart	When the power is off, the AC unit will restore the previous function settings and will restart automatically when the power is on.
	Auto Mode	In this mode, the air conditioner automatically adjusts the operating mode and sets the temperature according to the ambient temperature.
	Hidden LED Display	YNLI modern large hidden display is perfect for checking your display conveniently. Moreover with Hidden Display feature, it avoids light stimulation and takes care of your sleep.
	24 Hr Timer	The remote control adds a timing button, and the timer can be set arbitrarily in units of 1 hour within 1-24 hours.
	Louver Position Memory	After the user turns on or changes the mode, the last operating state of the louver position will be automatically memorized, and the louver position will automatically return to the previous state.
	Independent Dehumidification	Set through the remote control, enter the dehumidification mode to run.

Reliability

	Self-diagnosis and Auto-protection	Monitoring some abnormal operations or parts failures, microcomputer of air conditioner will switch off and protect the system automatically. Meanwhile, the error or protection code will be displayed on the indoor unit.
	Smart Defrosting	During the heating process, the air conditioner intelligently judges whether the external heat exchanger is frosted and automatically enters the defrosting operation state according to the temperature change of the inner disk or the outer coil.
	Dew Prevention	In cooling and dehumidification mode, after the wind swing operates at the easy condensation angle for a period of time, it will automatically return to the high air volume angle and run for a period of time to dry the condensation at the air outlet.
	Anti-rust Design	YNLI outdoor unit adopts double-sided galvanized thickened steel plate, and the surface is evenly sprayed with polymer anti-corrosion powder to ensure that the outdoor unit will not rust for a long time.
	Thoughtful Packaging	The packaging box ensures that the air conditioner is delivered to consumers without damage by simulating bumps under different road conditions and conducting high-altitude drop experiments.
	Auxiliary Electric Heater	With a built-in auxiliary electric heater, the heating system will be more powerful.

Model Line up

	Series	Controller Mode	Refrigerant	7000	9000	12000	18000	24000	30000
	Super fresh air conditioning	DC Inverter	R32			●	●		
	A(Silver)	DC Inverter	R32	●	●	●	●	●	●
		On/Off	R410A	●	●	●	●	●	●
			R32	●	●	●	●	●	●
	B(White)	DC Inverter	R32		●	●			
		On/Off	R410A		●	●			
			R32		●	●			
	A(White)	DC Inverter	R32	●	●	●	●	●	●
		On/Off	R410A	●	●	●	●	●	●
			R32	●	●	●	●	●	●
	A(Ash)	DC Inverter	R32	●	●	●	●	●	●
		On/Off	R410A	●	●	●	●	●	●
			R32	●	●	●	●	●	●

	Series	Controller Mode	Refrigerant	18000	24000	30000	36000	42000	48000	60000
	Cylinder	DC Inverter	R32 R410A	●	●	●	●			
	Cabinet	DC Inverter	R32	●	●	●	●			
		On/Off	R32	●	●	●	●			
	500 Cabinet	On/Off	R410A			●	●	●		
	Duct Type	DC Inverter	R32	●	●	●	●	●	●	●
		On/Off	R410A	●	●	●	●	●	●	
	Ceiling cassette Type	DC Inverter	R32	●	●	●	●	●	●	●
		On/Off	R410A	●	●	●	●	●	●	

Product Display

A



Silver



Gold



Landscape



White



Diamond



Ash

B



Gold



Ash

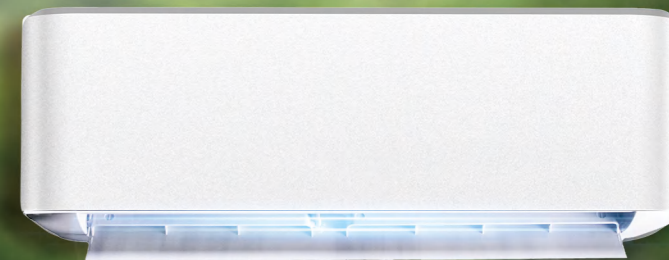


White

Fresh air super Air conditioning

7 patents for HEPA purification filters

- ◎ The first new air system in the industry, with 7 patented technologies;
- ◎ Fresh air volume exceeds national standards
- ◎ Fresh air HEPA purification filter screen
- ◎ No need to open windows, immediately increase oxygen, and do not affect temperature changes
- ◎ New national standard first level energy efficiency, ECO energy-saving
- ◎ No need for hole expansion during installation, beautiful and worry free
- ◎ 56 °C high-temperature drying and self-cleaning
- ◎ Intelligent voice interaction control
- ◎ Intelligent WIFI control
- ◎ Super Silent



Specification (50Hz)

Reverse Cycle Fixed Speed Models Specifications(Cooling only)

R410A

Model			GSC-07CA	GSC-09CA	GSC-12CA/A	GSC-12CA/B	GSC-18CA	GSC-24CA	GSC-30CA
Rated cooling capacity	Btu/h		7000	9000	12000	12000	18000	24000	30000
Raled cooling capacity	W		2050	2640	3520	3520	5280	7030	8800
EER for cooling	W/W		3.22	3.22	3.21	3.21	3.23	3.22	3.12
Indoor noise level(S/H/M/L/Mute)	dB(A)		40/37/33/30/27	40/37/33/30/27	43/40/37/33/31	43/40/37/33/31	47/43/40/37/35	51/48/45/42/39	51/48/45/42/39
Outdoor noise leve	dB(A)		46	46	52	52	55	56	56
Power supply			220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph
Refrigerant			R410A/0.38kg	R410A/0.42kg	R410A/0.63kg	R410A/0.63kg	R410A/0.93kg	R410A/1.30kg	R410A/1.60kg
Indoor air circulation			m³/h	560	560	650	650	1100	1500
Net dimensions (WxDxH)	Indoor	mm	748x260x192	748x260x192	840x290x202	807x288x211	959x314x226	1072x347x243	1072x347x243
	Outdoor	mm	630x236x500	630x236x500	730x280x550	730x280x550	830x295x550	900x378x687	900x378x687
Net weight	Indoor	kg	7.5	7.5	8.5	8.5	10.5	17	17
	Outdoor	kg	24	25	30	30	35	48	48
Packing dimensions (WxDxH)	Indoor	mm	825x335x255	825x335x255	920x345x255	880x344x265	1048x390x305	1159x423x328	1159x423x328
	Outdoor	mm	750x332x528	750x332x528	845x371x590	845x371x590	905x373x599	1007x435x740	1007x435x740
Gross weight	Indoor	kg	8.5	8.5	9.5	9.5	11.5	18	18
	Outdoor	kg	29	30	35	35	41	53	53
Loading Capacity with pipe 40ft HQ(set)			345	345	252	270	204	146	146

Reverse Cycle Fixed Speed Models Specifications(Heat Pump)

R410A

Model			GSC-07HA	GSC-09HA	GSC-12HA/A	GSC-12HA/B	GSC-18HA	GSC-24HA	GSC-30HA
Rated cooling capacity	Btu/h		7000	9000	12000	12000	18000	24000	30000
Raled cooling capacity	W		2050	2640	3520	3520	5280	7030	8800
Rated heating capacity	Btu/h		7500	9500	12500	12500	18500	24500	30500
Raled heating capacity	W		2200	2800	3700	3700	5420	7200	8940
EER for cooling	W/W		3.22	3.22	3.21	3.21	3.23	3.22	3.12
COP for heating	W/W		3.61	3.61	3.62	3.62	3.61	3.63	3.53
Indoor noise level(S/H/M/L/Mute)	dB(A)		40/37/33/30/27	40/37/33/30/27	43/40/37/33/31	43/40/37/33/31	47/44/41/37/33	51/48/45/42/39	51/48/45/42/39
Outdoor noise leve	dB(A)		46	46	52	52	55	56	56
Power supply			220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph
Refrigerant			R410A/0.38kg	R410A/0.42kg	R410A/0.63kg	R410A/0.63kg	R410A/0.93kg	R410A/1.30kg	R410A/1.60kg
Indoor air circulation(Cooling/Heating)			m³/h	560	560	650	650	1100	1500
Net dimensions (WxDxH)	Indoor	mm	748x260x192	748x260x192	840x290x202	807x288x211	959x314x226	1072x347x243	1072x347x243
	Outdoor	mm	630x236x500	630x236x500	730x280x550	730x280x550	830x295x550	900x378x687	900x378x687
Net weight	Indoor	kg	7.5	7.5	8.5	8.5	10.5	17	17
	Outdoor	kg	24	25	30	30	35	48	48
Packing dimensions (WxDxH)	Indoor	mm	825x335x255	825x335x255	920x345x255	905x373x599	1048x390x305	1159x423x328	1159x423x328
	Outdoor	mm	750x332x528	750x332x528	845x371x590	845x371x590	905x373x599	1007x435x740	1007x435x740
Gross weight	Indoor	kg	8.5	8.5	9.5	9.5	11.5	18	18
	Outdoor	kg	29	30	35	35	41	53	53
Loading Capacity with pipe 40ft HQ(set)			345	345	252	252	204	146	146

Reverse Cycle Inverter Models Specifications(Heat Pump)

R410A

Model			GSC-09DHA	GSC-12DHA	GSC-18DHA	GSC-24DHA
Rated cooling capacity	Btu/h		9000(3412-11500)	12000(5200-13500)	18000(4470-19550)	24000(6140-25600)
Raled cooling capacity	W		2640(1000-3370)	3520(1520-3950)	5280(1310-5730)	7030(1800-7500)
Rated heating capacity	Btu/h		9500(3412-12600)	12500(5500-14500)	18500(4540-22310)	24500(7200-27300)
Raled heating capacity	W		2780(1000-3690)	3660(1520-4240)	5420(1330-6540)	7180(2110-8000)
EER for cooling	W/W		3.22	3.23	3.25	3.24
COP for heating	W/W		3.62	3.61	3.63	3.62
Indoor noise level(S/H/M/L/Mute)	dB(A)		40/37/33/30/27	43/40/37/34/31	47/44/41/37/33	51/48/45/42/39
Outdoor noise leve	dB(A)		46	52	54	56
Power supply			220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph
Refrigerant			R410A	R410A	R410A	R410A
Indoor air circulation(Cooling/Heating)			m³/h	560	650	1100
Net dimensions (WxDxH)	Indoor	mm	748x260x192	840x290x202	959x314x226	1072x347x243
	Outdoor	mm	630x236x500	730x280x550	830x295x550	900x378x687
Net weight	Indoor	kg	7.5	8.5	10.5	17
	Outdoor	kg	26	32	39	48
Packing dimensions (WxDxH)	Indoor	mm	825x335x255	920x345x255	1048x390x305	1159x423x328
	Outdoor	mm	750x332x528	845x371x590	905x373x599	1007x435x740
Gross weight	Indoor	kg	8.5	9.5	11.5	18
	Outdoor	kg	31	37	44	53
Loading Capacity with pipe 40ft HQ(set)			345	252	204	146

Reverse Cycle Fixed Speed Models Specifications(T3 Cooling only)

R410A

Model			GSC-12HA/T	GSC-18HA/T	GSC-24HA/T
Rated cooling capacity (T1)	Btu/h		12000	18000	24000
Raled cooling capacity (T1)	W		3517	5275	7034
Rated cooling capacity (T3)	Btu/h		10200	15300	20400
Raled cooling capacity (T3)	W		2989	4484	5979
Raled cooling capacity	Btu/h		12500	18500	24500
EER for cooling (T1)	Btu/h-W		11.8	11.8	11.8
EER for cooling (T1)	W/W		3.46	3.46	3.46
EER for cooling (T3)	Btu/h-W		8.36	8.36	8.36
EER for cooling (T3)	W/W		2.45	2.45	2.45
Indoor noise level(S/H/M/L/Mute)	dB(A)		43/40/37/34/31	47/44/41/37/33	51/48/45/42/39
Outdoor noise leve	dB(A)		52	54	56
Power supply			220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph
Refrigerant			R410A	R410A	R410A
Indoor air circulation(Cooling/Heating)			m³/h	650	1100
Net dimensions (WxDxH)	Indoor	mm	840x290x202	959x314x226	1072x347x243
	Outdoor	mm	730x280x550	830x295x550	900x378x687
Net weight	Indoor	kg	9	11	17
	Outdoor	kg	30	37	48
Packing dimensions (WxDxH)	Indoor	mm	920x345x255	1048x390x305	1159x423x328
	Outdoor	mm	845x371x590	905x373x599	1007x435x740
Gross weight	Indoor	kg	10.0	12.0	18
	Outdoor	kg	35	43	53
Loading Capacity with pipe 40ft HQ(set)			252	205	146

Specification (50Hz)

European New Efficiency DC Inverter Split air conditioners parameters



Model No.			GSC-09DHR	GSC-12DHR	GSC-18DHR	GSC-24DHR
Cooling Capacity		Btu/h	9000(3270-10650)	12000(3680-12800)	18000(4260-20200)	24000(6250-26600)
Cooling Capacity		W	2650(960-3120)	3520(1080-3770)	5270(1250-5920)	7030(1832-7810)
Heating Capacity		Btu/h	9400(3240-11500)	12900(3450-13440)	18000(4600-21400)	25600(6310-27000)
Heating Capacity		W	2750(950-3380)	3800(1010-3940)	5300(1350-6280)	7500(1850-7930)
SEER		W/W	6.6	6.1	6.3	6.5
Cooling Energy Class			A++	A++	A++	A++
SCOP Average		W/W	4.01	4.01	4.01	4.1
Heating Energy Class			A+	A+	A+	A+
Annual Energy Consumption	Cooling	kwh/a	138	189	283	366
	Heating	kwh/a	840	980	1575	1878
Indoor noise level(S/H/M/L/Mute)		dB(A)	40/37/33/30/27	43/40/37/34/31	47/44/41/37/33	51/48/45/42/39
Outdoor noise level		dB(A)	52	52	54	56
Power supply			220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph
Refrigerant			R410A/0.7kg	R410A/0.9kg	R410A/1.6kg	R410A/2.4kg
Indoor air circulation			560	650	1100	1500
Net dimensions (WxDxH)	Indoor		748x260x192	840x290x202	959x314x226	1072x347x243
	Outdoor		730X280x550	730x280x550	830x295x550	900x378x687
Net weight	Indoor		7.5	8. 5	10.5	17
	Outdoor		32	32	35	48
Packing dimensions (WxDxH)	Indoor		825x335x255	920x345x255	1048x390x305	1159x423x328
	Outdoor		845x371x590	845x371x590	905x373x599	1007x435x740
Gross weight	Indoor		8.5	9.5	11.5	18
	Outdoor		37	37	41	53
Loading Capacity with pipe 40ft HQ(set)			272	252	204	146

Specification (60Hz)

Reverse Cycle Fixed Speed Models Specifications(Cooling only)



Model No.		GSC-09HA/a	GSC-12HA/a	GSC-18HA/a	GSC-24HA/a
Rated cooling capacity	Btu/h	9000	12000	18000	24000
Rated cooling capacity	W	2640	3520	5270	7030
EER for cooling	W/W	2.86	2.84	2.84	2.82
Indoor noise level(S/H/M/L/Mute)	dB(A)	40/37/33/30/27	43/40/37/34/31	47/44/41/37/33	51/48/45/42/39
Outdoor noise level	dB(A)	46	52	54	56
Power supply		208-230V~/60Hz/1Ph	208-230V~/60Hz/1Ph	208-230V~/60Hz/1Ph	208-230V~/60Hz/1Ph
Refrigerant		R410A/0.51kg	R410A/0.58kg	R410A/0.9kg	R410A/1.07kg
Indoor air circulation		560	650	1100	1500
Net dimensions (WxDxH)	Indoor	748x260x192	840x290x202	959x314x226	1072x347x243
	Outdoor	630x238x500	730x280x550	830x295x550	900x378x687
Net weight	Indoor	7.5	8.5	10.5	17
	Outdoor	30	32	35	48
Packing dimensions (WxDxH)	Indoor	825x335x255	920x345x255	1048x390x305	1159x423x328
	Outdoor	750x332x528	845x371x590	905x373x599	1007x435x740
Gross weight	Indoor	8.5	9.5	11.5	18
	Outdoor	35	37	41	53
Loading Capacity with pipe 40ft HQ(set)		272	252	204	146

Specification (60Hz)

Reverse Cycle Fixed Speed Models Specifications (Heat Pump)

Model No.		GSC-09HA/b	GSC-12HA/b	GSC-18HA/b	GSC-24HA/b
Rated cooling capacity	Btu/h	9000	12000	18000	24000
Rated cooling capacity	W	2640	3520	5270	7030
Rated heating capacity	Btu/h	9500	12500	18500	24500
Rated heating capacity	W	2800	3700	5420	7200
EER for cooling	W/W	2.84	2.69	2.8	2.79
COP for heating	W/W	2.87	2.73	2.85	2.83
Indoor noise level(S/H/M/L/Mute)	dB(A)	40/37/33/30/27	43/40/37/34/31	47/44/41/37/33	51/48/45/42/39
Outdoor noise level	dB(A)	46	52	54	56
Power supply		208-230V~/60Hz/1Ph	208-230V~/60Hz/1Ph	208-230V~/60Hz/1Ph	208-230V~/60Hz/1Ph
Refrigerant		R410A/0.51kg	R410A/0.58kg	R410A/0.9kg	R410A/1.07kg
Indoor air circulation		560	650	1100	1500
Net dimensions (WxDxH)	Indoor	748x260x192	840x290x202	959x314x226	1072x347x243
	Outdoor	630x238x500	730x280x550	830x295x550	900x378x687
Net weight	Indoor	7.5	8.5	10.5	17
	Outdoor	30	32	35	48
Packing dimensions (WxDxH)	Indoor	825x335X255	920x345x255	1048x390x305	1159x423x328
	Outdoor	750x332x528	845x371X590	905x373x599	1007x435x740
Gross weight	Indoor	8.5	9.5	11.5	18
	Outdoor	35	37	41	53
Loading Capacity with pipe 40ft HQ(set)		272	252	204	146



Floor standing type

Technical Specifications, standing air conditioner, Cooling&Heating 50Hz

Model No.		KLCH-18KAY	KLCH-21KDBPY	KLC-40KAY	KLCH-40KAY
Rated cooling capacity	Btu/h	18000	21000	40000	40000
Rated cooling capacity	W	5270	6150	11700	11700
Rated heating capacity	Btu/h	19000	23000	/	45000
Rated heating capacity	W	5570	6740	/	13200
EER for cooling	W/W	2.44	2. 63	2.65	2.65
COP for heating	W/W	2.98	2.98	/	2. 8
Indoor noise level(S/H/M/L/Mute)	dB(A)	50/46/42/38/34	50/46/42/38/34	53/50/47/43/39	53/50/47/43/39
Outdoor noise level	dB(A)	54	54	61	61
Power supply		220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	380V~/50Hz/3Ph	380V~/50Hz/3Ph
Refrigerant		R410A	R410A	R410A	R410A
Indoor air circulation		930	1100	2000	2000
Net dimensions (WxDxH)	Indoor	1723x500x315	1723x500x315	1886x586x407	1886x586x407
	Outdoor	830x295x550	830x295x550	930x400x1360	930x400x1360
Net weight	Indoor	35	35	50	50
	Outdoor	35	37	61	61
Packing dimensions (WxDxH)	Indoor	1872x642X460	1872x642x460	1985x728x552	1985x728x552
	Outdoor	905x373x599	905x373x599	1040x478x1410	1040x478X1410
Gross weight	Indoor	38	38	53	53
	Outdoor	38	40	65	65
Loading Capacity with pipe 40ft HQ(set)		93	93	40	40

Floor standing type

Technical Specifications, DC frequency conversion R32 50Hz
(DC INVERTER) standing air conditioner
Cooling&Heating 50Hz

R32

Model No.		KYCH-18KDBPY	KYCH-24KDBPY
Rated cooling capacity	Btu/h	18000(4260-20200)	24000(6820-25600)
Rated cooling capacity	W	5270(1250-5920)	7030(2000-7500)
Rated heating capacity	Btu/h	20500(4600-21400)	30700(8530-31400)
Rated heating capacity	W	6000(1350-6280)	9000(2500-9200)
EER for cooling	W/W	3.85(5.0-3.0)	3.52(4.8-2.8)
COP for heating	W/W	4.13(5.2-3.4)	3.67(5.0-3.0)
Indoor noise level(S/H/M/L/Mute)	dB(A)	47/44/41/37/33	49/46/43/40/37
Outdoor noise level	dB(A)	54	56
Power supply		220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph
Refrigerant		R32/0.8kg	R32/1.16kg
Indoor air circulation		1340	1340
Net dimensions (WxDxH)	Indoor	1800x350x350	1800x350x350
	Outdoor	830x295x550	900x378x687
Net weight	Indoor	24	25
	Outdoor	35	45
Packing dimensions (WxDxH)	Indoor	1886x497x460	1886x497X460
	Outdoor	905x373x599	1007x435x740
Gross weight	Indoor	27	28
	Outdoor	38	48
Loading Capacity with pipe 40ft HQ(set)		107	89

Suspended lighting design

OFFLINE VOICE CONTROL

Commercial air-condition

Cassette specification(Heat pump)

Model			GCA-18HA	GCA-24HA	GCA-30HA	GCA-36HA	GCA-48HA	GCA-60HA
Power supply		W/Hz/Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph
Cooling	Capacity	Btu/h	12000	18000	24000	36000	48000	60000
	Capacity	W	3517	5300	7032	10500	14000	16119
	Input	W	1150	1732	2450	3723	4636	5694
	Rated current	A	5.3	7.87	11.20	7.80	9.30	11.00
	EER	W/W	3.05	3.06	2.87	2.82	3.02	2.83
Heating	Capacity	Btu/h	12000	20000	26000	40000	50000	60500
	Capacity	W	3517	5900	7618	12000	14650	17731
	Input	W	1170	1671	2400	3409	5079	5700
	Rated current	A	5.3	8.60	11.0	7.20	9.50	11.30
	COP	W/W	3.00	3.53	3.17	3.52	2.88	3.11
Indoor air flow(Hi/Me/Lo)		m³/h	800/750/600	1100/950/880	1400/1200/950	1700/1500/1400	1700/1500/1400	1900/1700/1500
Indoornoise level(Hi/Me/Lo)		dB(A)	41/38/34	42/39/35	46/42/38	45/43/41	45/43/41	47/44/43
Indoor dimension	Unit (WxHxD)	mm	575x260x575	830x230x830	830x290x830	830x290x830	830x290x830	830x290x830
	Packing (WxHxD)	mm	725x300x725	925x290x925	925x290x925	925x360x925	925x360x925	925x360x925
Indoor weight	Net	kg	18	23	25	28	30	30
	Gross	kg	21	28	30	33	35	35
	Unit (WxHxD)	mm	650x30x650	950x45x950	950x45x950	950x45x950	950x45x950	950x45x950
Panel	Packing (WxHxD)	mm	735x130x735	1035x80x1035	1035x80x1035	1035x80x1035	1035x80x1035	1035x80x1035
	Net/Gross	kg	2.5/4.5	6/9	6/9	6/9	6/9	6/9
Refrigerant		Type	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant pipe	Liquid side	mm	6.35	6.35	9.52	9.52	9.52	9.52
	Gas side	mm	12.70	12.70	15.88	19.05	19.05	19.05
Drainage water pipe diameter		mm	OD32	OD32	OD32	OD32	OD32	OD32
Ambient temperature range	Cooling	°C	21~43	21~43	21~43	21~43	21~43	21~43
	Heating	°C	-7~24	-7~24	-7~24	-7~24	-7~24	-7~24
Operation control			Remote control	Remote control	Remote control	Remote control	Remote control	Remote control

Ductedindoorunit speficaition(Heat Pump)

Model			GCA-18HA	GCA-24HA	GCA-30HA	GCA-36HA	GCA-48HA	GCA-60HA
Power supply		W/Hz/Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph
Cooling	Capacity	Btu/h	12000	18000	24000	36000	48000	55000
	Capacity	W	3517	5300	7032	10550	14000	16119
	Input	W	1260	1761	2600	3584	4560	5694
	Rated current	A	5.7	8.00	12.00	7.8	9.30	12.00
	EER	W/W	2.79	3.01	2.70	2.94	3.07	2.83
Heating	Capacity	Btu/h	13200	20000	26400	40000	50000	60500
	Capacity	W	3869	5900	7735	12000	14650	17731
	Input	W	1300	1513	2700	3468	4446	4845
	Rated current	A	5.9	6.87	12.4	7.2	9.50	12.40
	COP	W/W	2.98	3.90	2.86	3.46	3.30	3.66
Indoor air flow(Hi/Me/Lo)		m³/h	630/550/420	1170/770/650	1250/950/800	1800/1500/1350	2100/1750/1550	2200/1800/1600
Indoor external static pressure (Hi)		Pa	12	70	70	80	100	100
Indoornoise level(Hi/Me/Lo)		dB(A)	39/33/30	43/35/32	46/41/38	46/44/42	47/44/42	47/45/43
Indoor dimension	Unit (WxHxD)	mm	700x450x200	920x210x605	920x270x605	1140x270x745	1200x300x835	1200x300x835
	Packing (WxHxD)	mm	905x535x278	1115x280x690	1115x340x690	1345x345x830	1405x375x925	1405x375x925
Indoor weight	Net	kg	15	23	25+1	36	45	46
	Gross	kg	19	28	30+1	43	52	53
Refrigerant		Type	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant pipe	Liquid side	mm	6.35	6.35	9.52	9.52	9.52	9.52
	Gas side	mm	12.70	12.70	15.88	19.05	19.05	19.05
Drainage water pipe diameter		mm	OD25	OD32	OD25	OD25	OD25	OD25
Ambient temperature range	Cooling	°C	21~43	21~43	16~30	21~43	21~43	21~43
	Heating	°C	-7~24	-7~24	-7~24	-7~24	-7~24	-7~24
Operation control			Remote control	Remote control	Remote control	Remote control	Remote control	Remote control

Global Certification



● All products of our company can meet the above certification requirements.

