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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.

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GC-1809-03



Distributor information



Light Commercial
▶ U-match ▶ Duct Split Unit
▶ Big Duct Type Unit
▶ Rooftop Packaged Unit
▶ Air-cooled Packaged Unit
T3, 50/60Hz, R410A



MADE IN CHINA
LOVED BY THE WORLD

Gree Electric Appliances, Inc. of Zhuhai, founded in 1991, is a diversified international industrial group, whose business covers residential air conditioners, central air conditioners, intelligent equipments, home appliances, air source water heaters, smart phones, refrigerators, etc.

- Since 2005, Gree has topped No.1 in production and sales volume of residential air conditioners for 13 consecutive years.
- 2015, Gree's sales revenue exceeded 15.08 billion USD.
- 2016, sales revenue exceeded 16.51 billion USD.
- 2017, sales revenue exceeded 22.21 billion USD.
- 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 has paid some 14.26 billion USD in total tax, being the No.1 in terms of tax payment in the Chinese home appliances industry for 16 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 5.5 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 an air conditioning enterprise of some hundred year's standing, to create a better life for humankind.



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Air-cooled Packaged Unit	37



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U-match

U-match Series DC Inverter Air Conditioners fall between residential air conditioners and central air conditioners. Their capacity scope is wider than that of residential air conditioners: from 18KBtu/h to 60KBtu/h. Indoor units of floor ceiling type, duct type and cassette type are available. Their installation is simpler than that of conventional central air conditioners, with low installation cost and no need of welding. They are well suited to the area from 12m² to 100m², such as apartments, villas, hotels and offices.

U-match Inverter Series

Higher Efficiency & More Energy Saving

Through setting temperature lower limit in cooling or drying mode, and setting temperature upper limit in heating mode, the system is able to operate in a smaller temperature range so as to achieve energy saving. Besides, the unit has got the following energy-saving technologies:

4 DC Inverters

The fan motors of IDU and ODU, compressor, and intelligent control are all DC inverters.

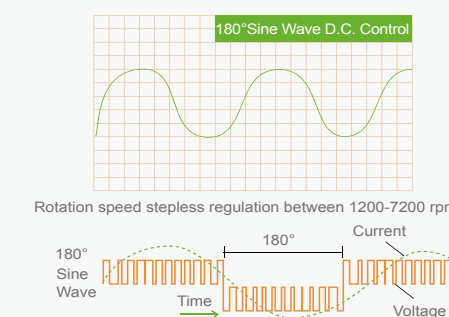
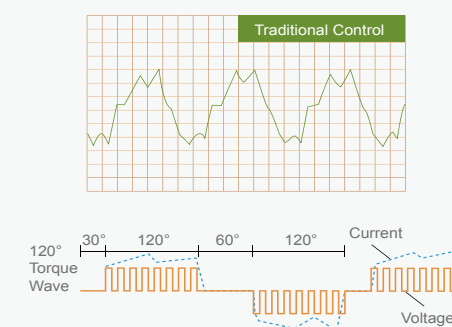
▶ The indoor unit and outdoor unit adopt high-efficiency DC brushless motor. The efficiency of such motor will be improved by over 30% compared with conventional AC motor. Therefore, the energy efficiency of the entire unit will be improved by 15% under low frequency operation.

▶ The unit adopts high-efficiency DC inverter compressor self-developed by Gree. The high-efficiency DC inverter compressor self-developed by Gree adopts 180° sine wave space-vector inverter driving technology, so as to realize reliable and stable operation in the frequency as low as 10Hz.



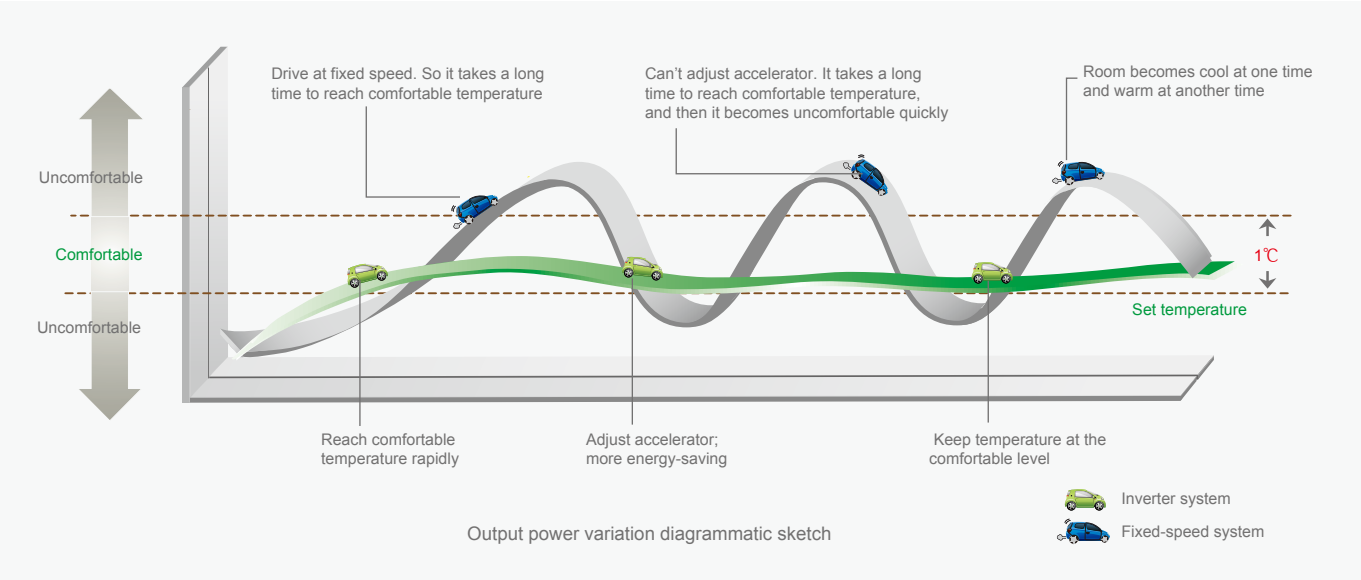
180° Sine Wave Technology

GREE advanced DC inverter 180° vector control ensures the stable operation for compressor, energy-saving up to 20% per year (compared with the common air conditioner).



Precise Temperature Control Technology

GREE intelligent inverter control delivers the required capacity according to the load variation from 10% to 120% and maintains the room temperature within 1°C of set temperature.



High Efficiency Heat Exchanger

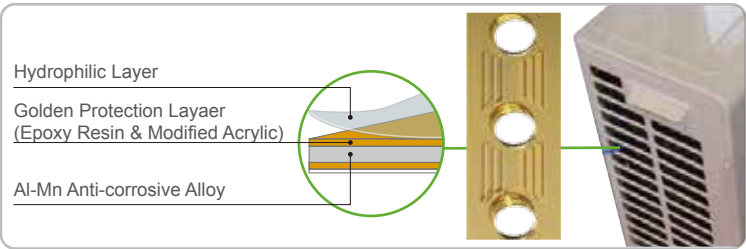
Inner-grooved High Efficiency Copper Tube

The inner-grooved design increases the heat exchange area of the refrigerant and enhances heat exchanging performance.



Outstanding Performance Slit Type Fin with Anti-corrosive Coating

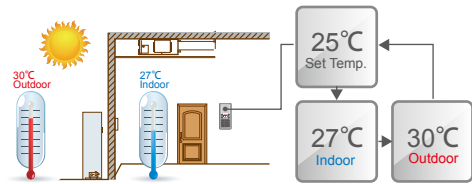
Outstanding Performance Louver Golden Fins with Anti-corrosive Coating for both of IDU and ODU. The louver fins enlarge the heat exchange area and increase the efficiency of the heat exchanger by 5%. The primary materials of Golden Fin is Al-Mn (Aluminum manganese) anti-rust alloy, which is coated with the Golden Protection Layer (Components: Epoxy Resin Modified Acrylic Silicon free), the anti-corrosive performance in salt-spray testing is 200%~300% higher than normal fins.



More Convenient & Comfortable

Multiple Temperature Displays

Indoor set temperature, indoor ambient temperature and outdoor ambient temperature can be displayed. Meanwhile, the display of the three kinds of temperature can be switched freely through the remote controller or wired controller.



Setting Function of Indoor Dual Temperature Sensors

In order to better control indoor ambient temperature and improve user's comfort, we design the indoor dual temperature sensors. Indoor unit and wired controller are equipped with the temperature sensors. The unit will automatically start the suitable temperature sensor according to the mode.



Cold Air Prevention Function

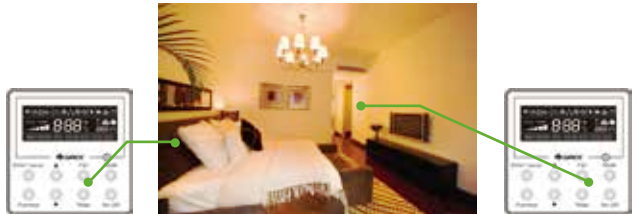
When the unit just starts heating or the outdoor unit just finishes defrosting, the temperature of indoor evaporator is quite low. If the indoor fan operates in this case, cold air will come out. Our products are optimized in design to prevent cold air so as to improve user's comfort.

Power-off Memory Function

The user can set power-off memory function. If this function is activated, the unit will automatically operate in previous setting mode when power recovers after power failure.

Two Thermostats Control One Unit

In order to provide convenient operation to user, we develop the dual wired controllers control function. In this case, the user can install the wired controller in different places for convenient operation.



I-FEEL Function (Optional)

The mini sensor in the remote controller can sense its surrounding temperature, and transmit the signal back to the indoor unit. So the unit can adjust the air flow volume and temperature accordingly so as to provide maximum comfort.



Water Full Protection (Optional)

If the water cannot drain out properly for the failure of water pump or other causes, this function will be activated automatically and the unit will stop for protection when the water in the indoor unit reaches a certain level.

Built-in Drainage Water Pump (Optional)

Our unit is equipped with water pump. If the water cannot drain out normally, the water pump will start drainage automatically to eliminate water leakage potential. It can solve the inconvenient drainage problem in some projects.

1W Standby Function

- The power consumption of the entire unit under standby status is 1W.
- Based on standby time of about 6760h in a year, the power consumption in standby mode of a normal unit is above 10W, equals to 67.6KWh per year.

I-demand Function

After entering I-demand function through the function button on the wired control, the output capacity of unit will be limited. The max power of the unit cannot exceed 75% of the rated power.

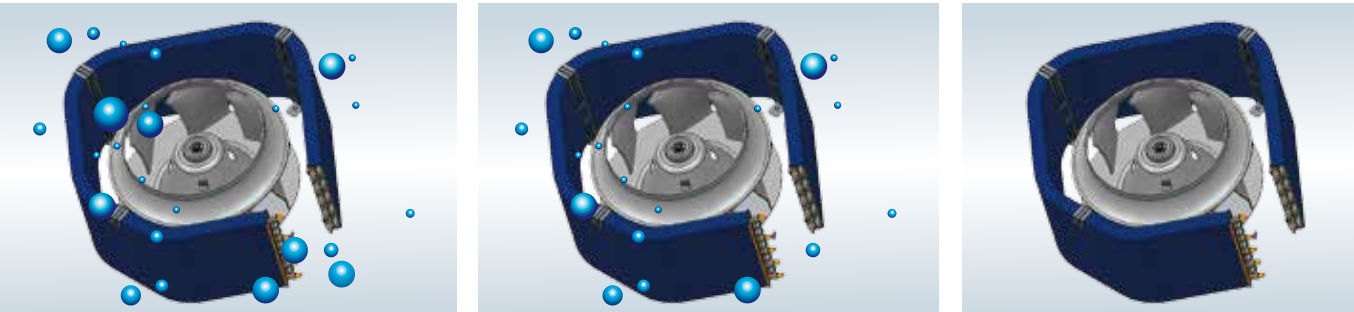
Air Handling Function

Low-temperature Drying Function

In some special cases of low temperature with high humidity, the drying effect is not favorable. The set temperature in drying of this series is as low as 12℃ and the setting range of stable operation is wider.

Auto Clean (X-FAN)

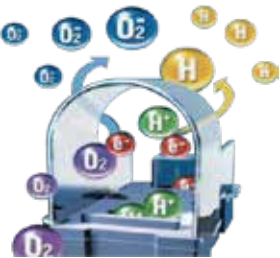
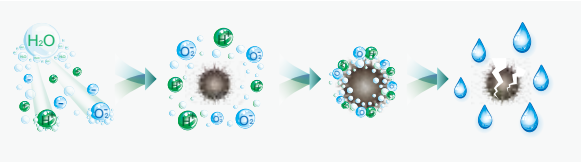
Do you know that water in IDU will give birth to bacteria which will affect human health? U-match will wipe out water, caring for your health!



Cold Plasma Healthy Function (Optional)

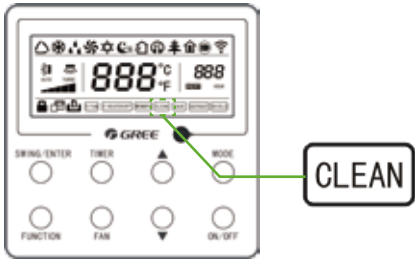
- Effective sterilization with more than 90% of bacteria killed.
- All indoor units can be installed with Gree cold plasma generator optionally.

- Odor Removal
Air nutrition improvement with more negative oxygen ions.



Filter Cleaning Reminder Function

Filter cleaning reminder function can be set. Usually, the air return inlet's filter shall be cleaned regularly. As the operation environment may vary, the dirty degree of filter is different. Thus, the cleaning cycle may vary. Please set the cleaning reminder cycle according to actual situation.



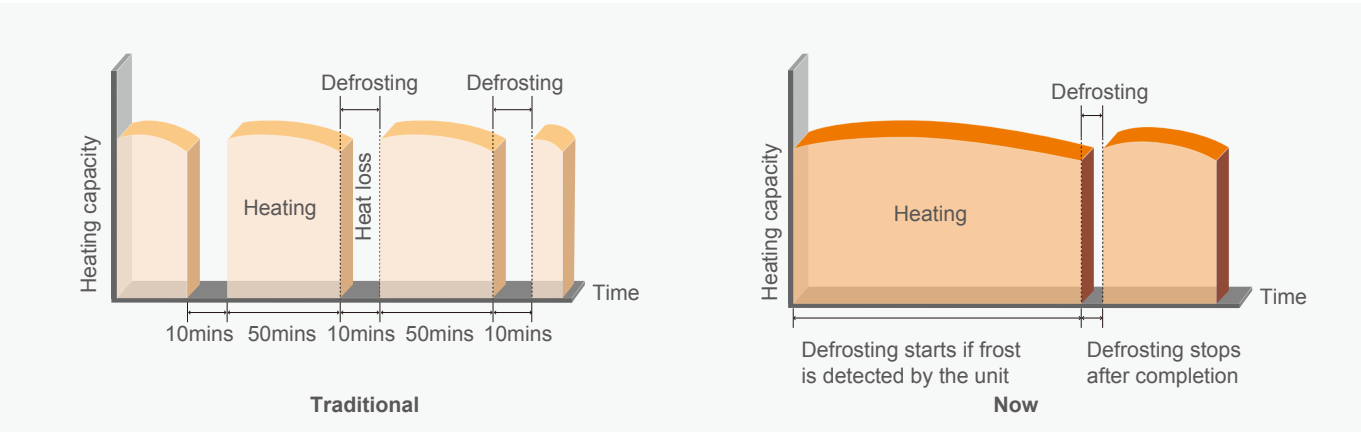
Pollution level and corresponding time

Pollution level	Accumulated operating time(hour)	Pollution level	Accumulated operating time(hour)	Pollution level	Accumulated operating time(hour)
10	5500	20	1400	30	100
11	6000	21	1800	31	200
12	6500	22	2200	32	300
13	7000	23	2600	33	400
14	7500	24	3000	34	500
15	8000	25	3400	35	600
16	8500	26	3800	36	700
17	9000	27	4200	37	800
18	9500	28	4600	38	900
19	10000	29	5000	39	1000

Reliable System Design

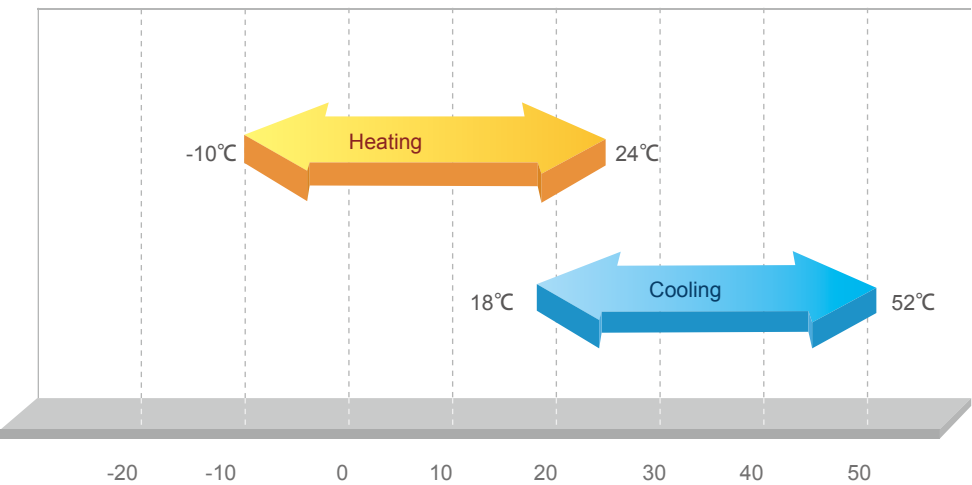
Intelligent Defrosting

Did you ever feel annoyed when the air conditioner stopped heating because of defrosting? This problem is already resolved by U-match . Unit will only start defrosting when it's necessary. More energy-saving and comfortable to you.



Wide Ambient Operation Range

The unit is suitable for both low ambient temperature area and standard ambient temperature area.



Anti-freezing Protection

If frost of outdoor evaporator is detected by the unit, the compressor will stop for protection.

8°C Heating Function

8°C heating function is mainly applied in winter when there is no body in the house. When this function is activated, the unit will enter stable 8°C heating to keep the indoor temperature around 8°C. This function will prevent power wastage and harm to some housewares caused by freezing due to low indoor temperature.

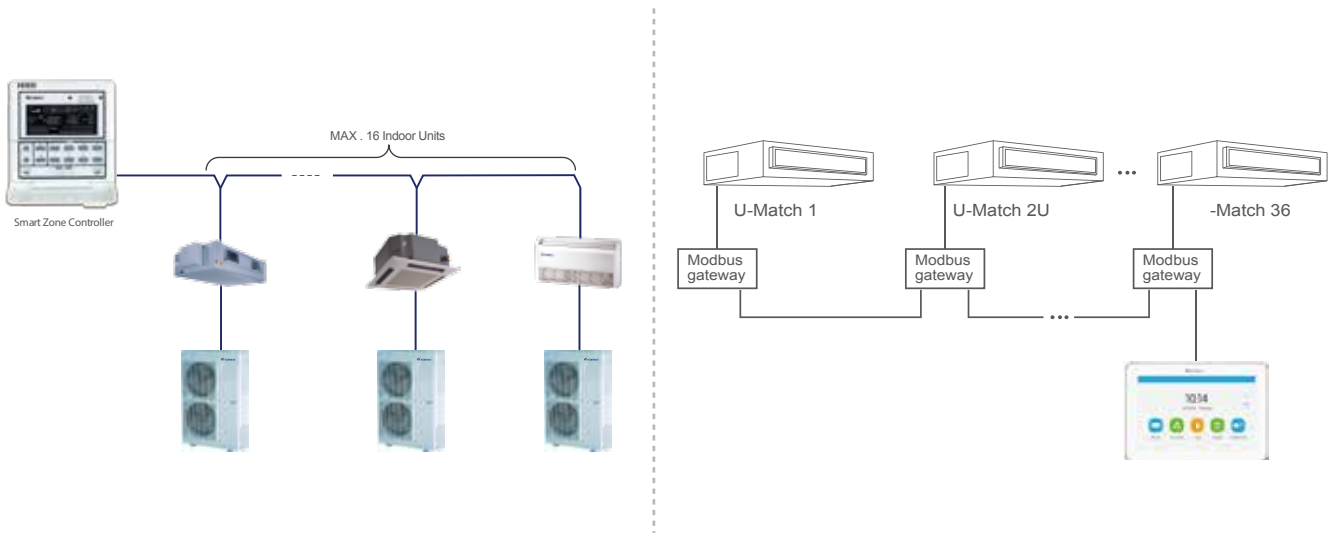
More Intelligent Control

Remote Controller



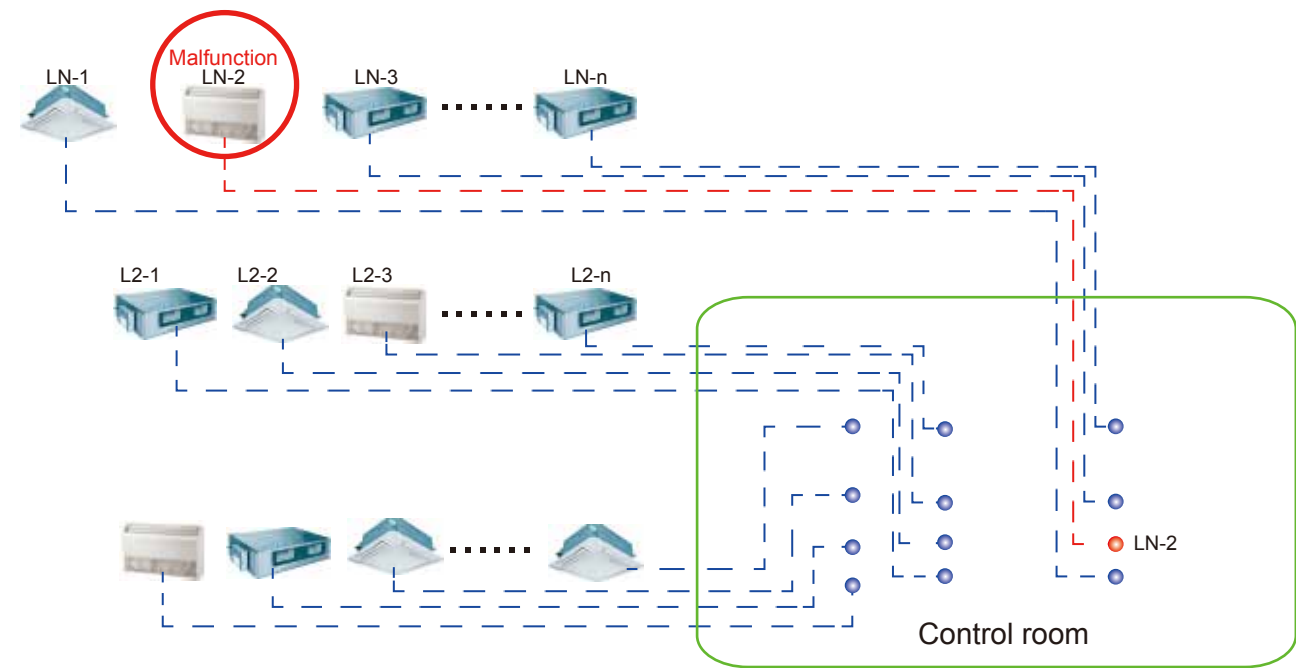
Centralized Control Function

The indoor unit is equipped with the interface that can be connected with Gree smart zone controller, in order to realize central control of 16 units in maximum without connecting wired controller. It can control the on/off, mode, fan speed, temperature setting and timer of a single unit or a group of units.



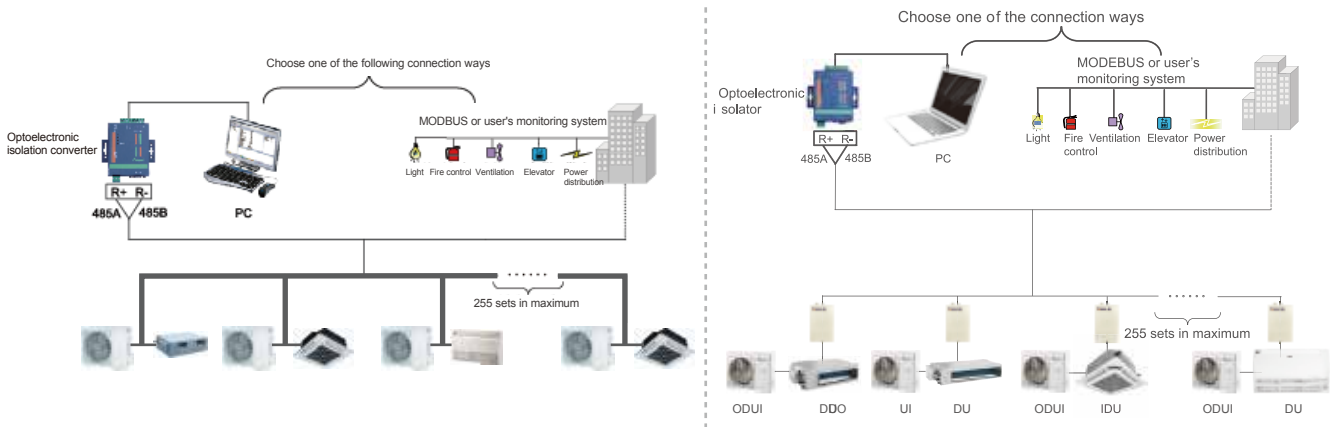
Malfunction Relay Output Function

The unit can be connected with the warning apparatus. When a certain unit stops for malfunction, the warning apparatus will give out warning to remind the administrator for maintenance.



Building Management System Interface (MODBUS Protocol) and Long-distance Monitoring

The unit is with build-in MODBUS interface. If the unit is to be connected with the building management system, please consult with Gree for the development of MODBUS protocol. In this case, the unit operation information will be sent to the building management system in order to control and monitor the unit.



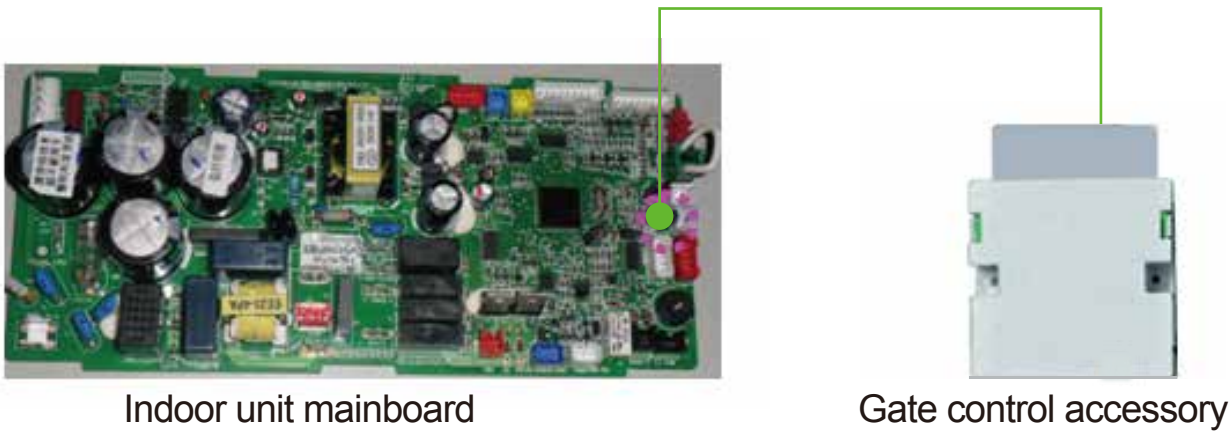
Non-polar Communication Wire

The communication between indoor unit PCB and outdoor unit PCB, and the communication between wired controller and indoor mainboard adopt non-polar communication wire. Normal 2-core power cord or telephone wire can be used as the communication wire, instead of the shielded twisted pair wire.



Gate Control Function (Optional)

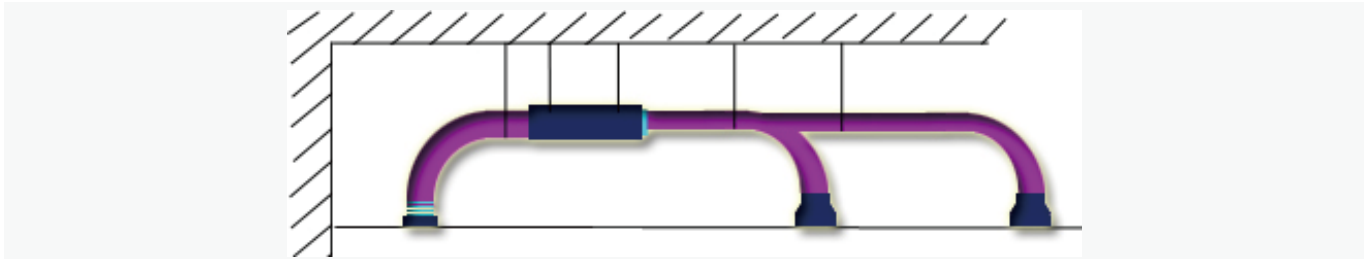
This function is especially for some special places like hotels, which is optional. When this function is set and gate control accessories are connected, the unit will control unit on/off according to the card status detected by the gate control detection board. When the card is removed, the unit will turn to standby status.



Indoor Introduction

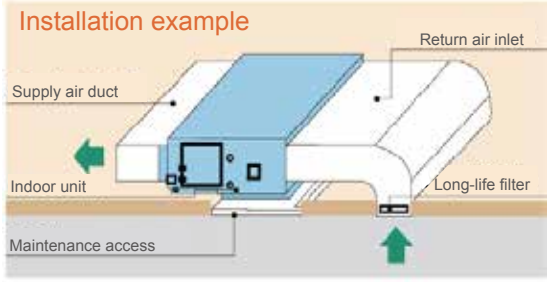
Duct Type Indoor Unit

► The static pressure can be adjusted within 0~150Pa, applicable for various installation requirements.

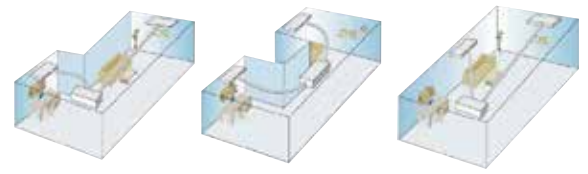


► Adjustable Fan Speed
Fan speed of indoor unit can be adjusted by wired controller and there are three kinds of speeds (high, medium and low) to meet different requirements.

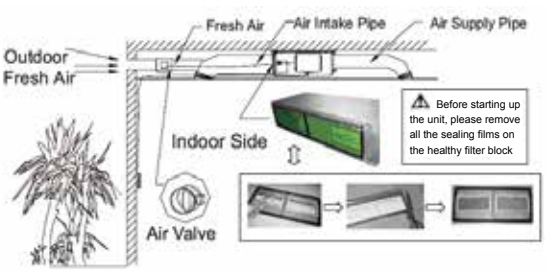
► Highly Flexible Installation
Highly flexible installation is possible to satisfy various needs.



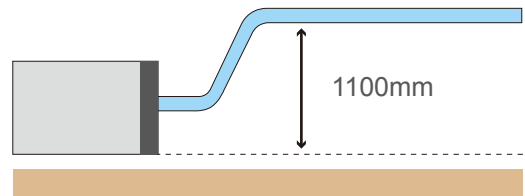
Flexible and easy to install in L shape, U shape and large rooms.



► Fresh Air Control (optional)

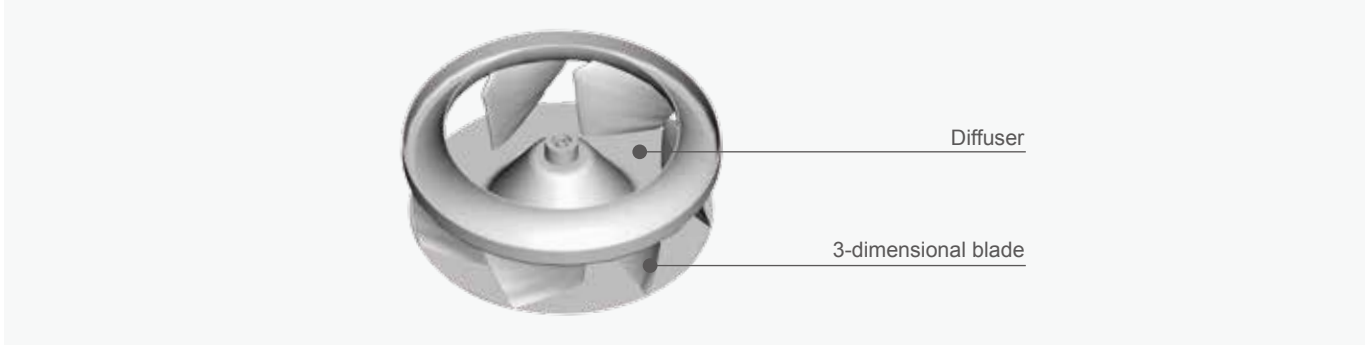


► Drain Pump Lift (optional)



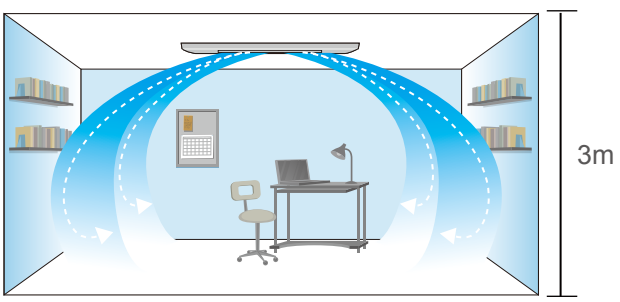
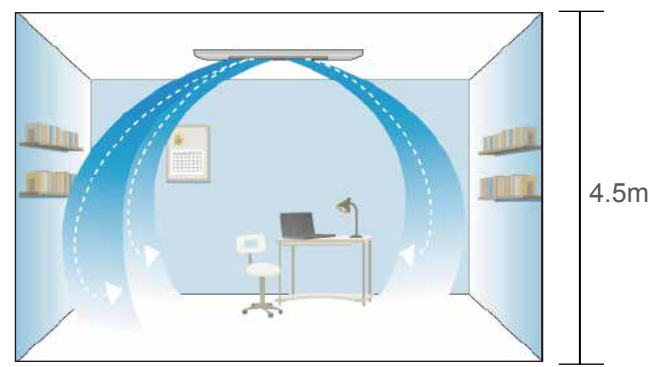
Cassette Type

► Low Noise with 3-dimensional Blade

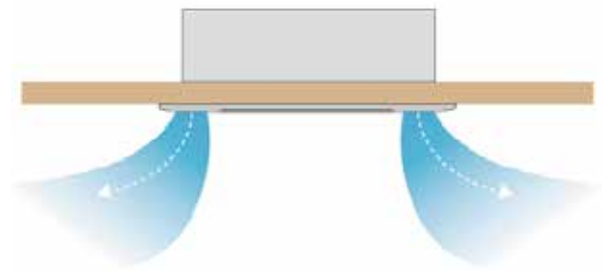


► High Ceiling Applications
The 24K~48K units are applicable to the height below 4.5m

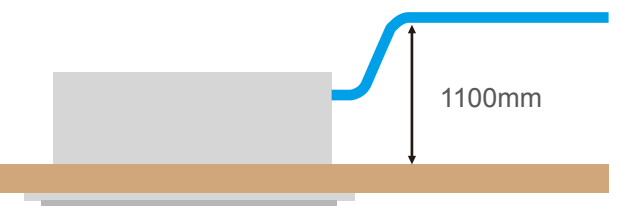
Units below 24K are applicable to the height below 3m.



► Comfortable Airflow
Air supply in different direction with 30~60 degrees of swing angle even temperature distribution.

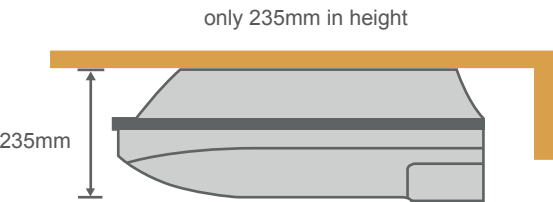


► Water Drainage Pump
Drain pump fitted as standard with increased lift of 1100mm.



Floor Ceiling Type Indoor Unit

Compact Design



Wide Discharge Range

With cross-direction sweep, the air supply range is efficiently wider.



Easy Maintenance

Convenient disassembly and maintenance thanks to unique design.

Microcomputer Control

The complete control functions are controlled by microcomputer which not only shows all running modes and temperatures but also has functions malfunction diagnosis and data search.

Flexible Installation

There are 2 installation methods, installation on ceiling or floor.



Ceiling Type



Floor Standing Type

U-Match



2nd Generation Inverter Series

It is a kind of split system that the outdoor unit can be connected to various indoor unit (duct and cassette type) with its cooling capacity from 18K to 60K, which is designed for tropical countries.



Quality motor



Comprehensive protection



Quiet function



Compact design



Easier maintenance



Intelligent defrosting



Energy saving function



Self-diagnosis



Wide operation range

- High reliable compressor which is capable of operating under extreme condition.
- The outdoor unit is universal and can be matched with duct type and cassette.
- It is capable of fast cooling, fast heating, and can reach user's set temperature quickly.



Indoor Unit

Duct type

- Fresh air inlet and air valve control function improve the indoor air quality.
- Flexible air inlet/outlet and condensing water outlet direction based on different installation requirements.
- Optimized air duct design improves the performance and lows the noise.

Cassette type

- Drain pump filled as standard with increased lift of 1100mm.
- Air return lifting panel can be matched as an optional panel.
- Equip with 360° air discharge panel, providing more comfortable air supply.
- All kinds of air freshener can be installed in the filter, such as catechin.

Item	Nominal operating condition (temperature)				Operation range (temperature)
	Outdoor condition		Indoor condition		Outdoor condition
	DB ()	WB ()	DB ()	WB ()	DB ()
Cooling	35	-	27	19	18~52
Heating	7	6	20	-	-10~24

Product Lineup

Capacity Index		18K	24K	30K	36K	48K	60K
Outdoor Unit							
Indoor Unit	Duct						
	Cassette						

Specifications

Model	Outdoor Unit			GUHD18TS3CO(S)			
	Indoor Unit			Duct	Duct with water pump	Cassette	
				GFH18TS3CI(S)	GFH18TS3C1I(S)	GKH18TS3CI(S)	
Capacity	T1 Cooling		kW	4.68	4.68	3.84	
			Btu/h	16000	16000	13100	
	T3 Cooling		kW	3.6	3.6	2.61	
			Btu/h	12300	12300	8900	
	Heating		kW	5.6	5.6	5.5	
			Btu/h	19100	19100	18700	
T1 EER/T3 EER / C.O.P			Btu/h/W,Btu/h/W,W/W	12.05/8.30/3.50	12.05/8.30/3.50	11.80/8.30/3.00	
Maximum Cooling Capacity			Btu/h	19800	19800	18700	
Power supply			V/Hz/Ph	220-240V/50/60Hz/1Ph	220-240V/50/60Hz/1Ph	220-240V/50/60Hz/1Ph	
Power input	Cooling		kW	1.33	1.33	1.11	
	Heating		kW	1.60	1.60	1.83	
Current Input	Cooling		A	6.1	6.1	5.0	
	Heating		A	7.2	7.2	8.3	
Refrigerant charge volume			kg	1.40	1.40	1.40	
Indoor Unit	Air flow volume(SH)		CFM	500	500	412	
			m³/h	850	850	700	
	ESP	Rated	Pa	25	25	-	
		Range	Pa	0-30	0-30	-	
	Sound pressure level(SH/H/M/L)		dB(A)	40/39/36/28	40/39/36/28	47/46/44/37	
	Dimension (W×D×H)	Outline	mm	1037×721×266	1037×721×266	596×596×240	
		Package	mm	1123×798×323	1123×798×323	778×738×300	
Net weight/Gross weight			kg	34/39	34/39	21/25	
Panel	Dimension (W×D×H)	Outline	mm	-	-	670×670×50	
		Package	mm	-	-	760×760×90	
	Net weight/Gross weight		kg	-	-	3.5/5.0	
Outdoor Unit	Dimension (W×D×H)	Outline	mm	955×396×700	955×396×700	955×396×700	
		Package	mm	1029×458×750	1029×458×750	1029×458×750	
	Net weight/Gross weight		kg	48/51	48/51	48/51	
Connecting pipe diameter	Outdoor diameteter	Gas	inch(mm)	Φ1/2(12.7)	Φ1/2(12.7)	Φ1/2(12.7)	
		Liquid	inch(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	
	Max. distance	Height/Length	m	15/20	15/20	15/20	
Loading quantity			40'GP/40'HQ	set	93/95	93/95	95/105

Model	Outdoor Unit			GUHD24TS3CO(S)		
	Indoor Unit			Duct	Duct with water pump	Cassette
				GFH24TS3CI(S)	GFH24TS3C1I(S)	GKH24TS3CI(S)
Capacity	T1 Cooling	kW	6.6	6.6	7.2	
		Btu/h	22500	22500	24600	
	T3 Cooling	kW	5.85	5.58	6.27	
		Btu/h	20000	20000	21400	
	Heating	kW	8.1	8.1	8.2	
		Btu/h	27600	27600	28000	
T1 EER/T3 EER / C.O.P		Btu/h/W,Btu/h/W,W/W	12.05/8.35/3.50	12.05/8.35/3.50	11.85/8.35/3.50	
Maximum Cooling Capacity		Btu/h	29000	29000	29000	
Power supply		V/Hz/Ph	220-240V/50/60Hz/1Ph	220-240V/50/60Hz/1Ph	220-240V/50/60Hz/1Ph	
Power input	Cooling	kW	1.87	1.87	2.08	
	Heating	kW	2.31	2.31	2.34	
Current Input	Cooling	A	8.6	8.6	9.4	
	Heating	A	10.4	10.4	10.5	
Refrigerant charge volume		kg	2.40	2.40	2.40	
Indoor Unit	Air flow volume(SH)		CFM	823	882	
			m³/h	1400	1500	
	ESP	Rated	Pa	25	-	
		Range	Pa	0-75	-	
	Sound pressure level(SH/H/M/L)		dB(A)	47/46/44/40	47/46/44/40	49/48/45/40
	Dimension (W×D×H)	Outline	mm	1279×558×268	1279×558×268	840×840×320
		Package	mm	1348×597×283	1348×597×283	963×963×409
Net weight/Gross weight		kg	34/39	34/39	31/39	
Panel	Dimension (W×D×H)	Outline	mm	-	-	950×950×60
		Package	mm	-	-	1033×1038×133
	Net weight/Gross weight		kg	-	-	7.0/11.0
Outdoor Unit	Dimension (W×D×H)	Outline	mm	980×427×790	980×427×790	980×427×790
		Package	mm	1083×488×855	1083×488×855	1083×488×855
	Net weight/Gross weight		kg	68/73	68/73	68/73
Connecting pipe diameter	Outdoor diameteter	Gas	inch(mm)	Φ5/8(16)	Φ5/8(16)	Φ5/8(16)
		Liquid	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)
	Max. distance	Height/Length	m	15/30	15/30	15/30
Loading quantity		40'GP/40'HQ	set	76/89	76/89	49/69

Notes:
1.The capacity is based on the following conditions:
T1 Cooling: Indoor temperature 27℃DB /19℃WB;Outdoor temperature 35℃DB.
T3 Cooling: Indoor temperature 29℃DB /19℃WB;Outdoor temperature 46℃DB.
Heating: Indoor temperature 20℃DB;Outdoor temperature 7℃DB/6℃WB

Model	Outdoor Unit			GUHD30TS3CO(S)		
	Indoor Unit			Duct	Duct with water pump	Cassette
				GFH30TS3CI(S)	GFH30TS3C1I(S)	GKH30TS3CI(S)
Capacity	T1 Cooling		kW	7.35	7.35	7.5
			Btu/h	25000	25000	25600
	T3 Cooling		kW	6.21	6.21	6.3
			Btu/h	21200	21200	21500
	Heating		kW	8.8	8.8	9.1
			Btu/h	30000	30000	31000
T1 EER/T3 EER / C.O.P			Btu/h/W,Btu/h/W,W/W	12.15/8.30/3.50	12.15/8.30/3.50	12.00/8.30/3.50
Maximum Cooling Capacity			Btu/h	29700	29700	31400
Power supply			V/Hz/Ph	220-240V/50/60Hz/1Ph	220-240V/50/60Hz/1Ph	220-240V/50/60Hz/1Ph
Power input	Cooling		kW	2.06	2.06	2.13
	Heating		kW	2.51	2.51	2.60
Current Input	Cooling		A	9.4	9.4	9.7
	Heating		A	11.3	11.3	11.7
Refrigerant charge volume			kg	2.40	2.40	2.40
Indoor Unit	Air flow volume(SH)		CFM	941	941	823
			m³/h	1600	1600	1400
	ESP	Rated	Pa	25	25	-
		Range	Pa	0-100	0-100	-
	Sound pressure level(SH/H/M/L)		dB(A)	53/52/48/44	53/52/48/44	49/48/45/40
	Dimension (W×D×H)	Outline	mm	1226×775×290	1226×775×290	840×840×320
		Package	mm	1338×877×305	1338×877×305	963×963×409
	Net weight/Gross weight		kg	46/53	46/53	31/39
Panel	Dimension (W×D×H)	Outline	mm	-	-	950×950×60
		Package	mm	-	-	1033×1038×133
	Net weight/Gross weight		kg	-	-	7.0/11.0
Outdoor Unit	Dimension (W×D×H)	Outline	mm	980×427×790	980×427×790	980×427×790
		Package	mm	1083×488×855	1083×488×855	1083×488×855
	Net weight/Gross weight		kg	72/76	72/76	72/76
Connecting pipe diameter	Outdoor diametereter	Gas	inch(mm)	Φ5/8(16)	Φ5/8(16)	Φ5/8(16)
		Liquid	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)
	Max. distance	Height/Length	m	15/30	15/30	15/30
Loading quantity			40'GP/40'HQ	set	74/87	49/69

Model	Outdoor Unit			GUHD36TS3CO(S)			
	Indoor Unit			Duct	Duct with water pump	Cassette	
				GFH36TS3CI(S)	GFH36TS3C1I(S)	GKH36TS3CI(S)	
Capacity	T1 Cooling		kW	8.6	8.6	8.6	
			Btu/h	29400	29400	29400	
	T3 Cooling		kW	7.75	7.75	6.69	
			Btu/h	26400	26400	22800	
	Heating		kW	10.5	10.5	10.3	
			Btu/h	35800	35800	35000	
T1 EER/T3 EER / C.O.P			Btu/h/W,Btu/h/W,W/W	11.80/8.30/3.50	11.80/8.30/3.50	11.80/8.30/3.50	
Maximum Cooling Capacity			Btu/h	39200	39200	39200	
Power supply			V/Hz/Ph	220-240V/50/60Hz/1Ph	220-240V/50/60Hz/1Ph	220-240V/50/60Hz/1Ph	
Power input	Cooling		kW	2.49	2.49	2.49	
	Heating		kW	3.00	3.00	2.94	
Current Input	Cooling		A	11.4	11.4	11.4	
	Heating		A	13.5	13.5	13.2	
Refrigerant charge volume			kg	3.50	3.50	3.50	
Indoor Unit	Air flow volume(SH)			CFM	1059	1059	971
				m³/h	1800	1800	1650
	ESP	Rated	Pa	37	37	-	
		Range	Pa	0-100	0-100	-	
	Sound pressure level(SH/H/M/L)		dB(A)	53/52/48/44	53/52/48/44	51/49/46/43	
	Dimension (W×D×H)	Outline	mm	1226×775×290	1226×775×290	840×840×320	
		Package	mm	1338×877×305	1338×877×305	963×963×409	
	Net weight/Gross weight		kg	46/53	46/53	31/39	
Panel	Dimension (W×D×H)	Outline	mm	-	-	950×950×60	
		Package	mm	-	-	1033×1038×133	
	Net weight/Gross weight		kg	-	-	7.0/11.0	
Outdoor Unit	Dimension (W×D×H)	Outline	mm	1107×440×1100	1107×440×1100	1107×440×1100	
		Package	mm	1158×493×1235	1158×493×1235	1158×493×1235	
	Net weight/Gross weight		kg	94/102	94/102	94/102	
Connecting pipe diameter	Outdoor diametereter	Gas	inch(mm)	Φ5/8(16)	Φ5/8(16)	Φ5/8(16)	
		Liquid	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)	
	Max. distance	Height/Length	m	15/30	15/30	15/30	
Loading quantity			40'GP/40'HQ	set	45/60	43/50	









Notes:
1.The capacity is based on the following conditions:
T1 Cooling: Indoor temperature 27 ℃ DB /19 ℃ WB;Outdoor temperature 35 ℃ DB.
T3 Cooling: Indoor temperature 29 ℃ DB /19 ℃ WB;Outdoor temperature 46 ℃ DB.
Heating: Indoor temperature 20 ℃ DB;Outdoor temperature 7 ℃ DB/6 ℃ WB

Model	Outdoor Unit			GUHD48TS3CO(S)		
	Indoor Unit			Duct	Duct with water pump	Cassette
				GFH48TS3CI(S)	GFH48TS3C1I(S)	GKH48TS3CI(S)
Capacity	T1 Cooling		kW	11.7	11.7	12.1
			Btu/h	40000	40000	41200
	T3 Cooling		kW	10.85	10.85	10.1
			Btu/h	37000	37000	34400
	Heating		kW	14.7	14.7	15.1
			Btu/h	50200	50200	51400
T1 EER/T3 EER / C.O.P			Btu/h/W,Btu/h/W,W/W	11.80/8.30/3.50	11.80/8.30/3.50	12.10/8.30/3.40
Maximum Cooling Capacity			Btu/h	49500	49500	50500
Power supply			V/Hz/Ph	220-240V/50/60Hz/1Ph	220-240V/50/60Hz/1Ph	220-240V/50/60Hz/1Ph
Power input	Cooling		kW	3.385	3.385	3.40
	Heating		kW	4.20	4.20	4.44
Current Input	Cooling		A	15.5	15.5	15.5
	Heating		A	18.9	18.9	20.0
Refrigerant charge volume			kg	5.50	5.50	5.50
Indoor Unit	Air flow volume(SH)		CFM	1588	1588	1206
			m³/h	2700	2700	2050
	ESP	Rated	Pa	50	50	-
		Range	Pa	0-150	0-150	-
	Sound pressure level(SH/H/M/L)		dB(A)	57/56/54/49	57/56/54/49	55/53/47/41
	Dimension (W×D×H)	Outline	mm	1340×750×350	1340×750×350	910×910×290
		Package	mm	1423×837×455	1423×837×455	1023×993×375
	Net weight/Gross weight		kg	59/70	59/70	43/51
Panel	Dimension (W×D×H)	Outline	mm	-	-	1040×1040×65
		Package	mm	-	-	1137×1137×140
	Net weight/Gross weight		kg	-	-	8.0/12.0
Outdoor Unit	Dimension (W×D×H)	Outline	mm	1085×427×1365	1085×427×1365	1085×427×1365
		Package	mm	1143×478×1505	1143×478×1505	1143×478×1505
	Net weight/Gross weight		kg	120/130	120/130	120/130
Connecting pipe diameter	Outdoor diametereter	Gas	inch(mm)	Φ3/4(19)	Φ3/4(19)	Φ3/4(19)
		Liquid	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)
	Max. distance	Height/Length	m	30/50	30/50	30/50
Loading quantity			40'GP/40'HQ	set	37/44	40/48

Model	Outdoor Unit			GUTD60W/A-T(S)		
	Indoor Unit			Duct	Duct with water pump	Cassette
				GUD60PH/A-T(S)	GUD60PHS/A-T(S)	GUD60T/A-T(S)
Capacity	T1 Cooling		kW	14.7	14.7	13.25
			Btu/h	50200	50200	45200
	T3 Cooling		kW	13.2	13.2	10.15
			Btu/h	45000	45000	34600
	Heating		kW	16.5	16.5	15.7
			Btu/h	56200	56200	53600
T1 EER/T3 EER / C.O.P			Btu/h/W,Btu/h/W,W/W	12.10/8.60/3.50	12.10/8.60/3.50	12.15/8.30/3.40
Maximum Cooling Capacity			Btu/h	59700	59700	56300
Power supply			V/Hz/Ph	220-240V/50/60Hz/1Ph	220-240V/50/60Hz/1Ph	220-240V/50/60Hz/1Ph
Power input	Cooling		kW	4.15	4.15	3.72
	Heating		kW	4.71	4.71	4.62
Current Input	Cooling		A	19.0	19.0	17.0
	Heating		A	21.2	21.2	20.2
Refrigerant charge volume			kg	5.50	5.50	5.50
Indoor Unit	Air flow volume(SH)		CFM	1883	1883	1353
			m³/h	3200	3200	2300
	ESP	Rated	Pa	50	50	-
		Range	Pa	0-150	0-150	-
	Sound pressure level(SH/H/M/L)		dB(A)	55/53/52/49	55/53/52/49	55/53/47/41
	Dimension (W×D×H)	Outline	mm	1497×799×389	1497×799×389	910×910×290
		Package	mm	1578×883×472	1578×883×472	1023×993×375
	Net weight/Gross weight		kg	79	79	43/51
Panel	Dimension (W×D×H)	Outline	mm	107	107	1040×1040×65
		Package	mm	-	-	1137×1137×140
	Net weight/Gross weight		kg	-	-	8.0/12.0
Outdoor Unit	Dimension (W×D×H)	Outline	mm	1085×427×1365	1085×427×1365	1085×427×1365
		Package	mm	1143×478×1505	1143×478×1505	1143×478×1505
	Net weight/Gross weight		kg	120/130	120/130	120/130
Connecting pipe diameter	Outdoor diametereter	Gas	inch(mm)	Φ3/4(19)	Φ3/4(19)	Φ3/4(19)
		Liquid	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)
	Max. distance	Height/Length	m	30/50	30/50	30/50
Loading quantity			40'GP/40'HQ	set	34/37	40/48

Notes:
1.The capacity is based on the following conditions:
T1 Cooling: Indoor temperature 27 ℃ DB /19 ℃ WB;Outdoor temperature 35 ℃ DB.
T3 Cooling: Indoor temperature 29 ℃ DB /19 ℃ WB;Outdoor temperature 46 ℃ DB.
Heating: Indoor temperature 20 ℃ DB;Outdoor temperature 7 ℃ DB/6 ℃ WB

Control System Lineup

Control system \ Product series			Duct type	Cassette type
Wireless remote controller	YB1FA		○	●
	YV1FB7F		○	○
	YV1FB7		○	○
	YB1FAF		○	○
	YAM1F		○	○
	YAM1FF		○	○
Wired controller	XK60		●	○
	XK75		○	○

Note: ● means standard, ○ means optional.

U-Match



3rd Generation Inverter Series

It is a kind of split system that the outdoor unit can be connected to various indoor unit (duct, cassette or floor ceiling type) with its cooling capacity from 18K to 48K, which is designed for tropical countries.



- 
Quality motor
- 
Comprehensive protection
- 
Quiet function
- 
Compact design
- 
Easier maintenance
- 
Intelligent defrosting
- 
Energy saving function
- 
Self-diagnosis
- 
Wide operation range

- High reliable compressor which is capable of operating under extreme condition.
- The outdoor unit is universal and can be matched with duct type, cassette and floor ceiling.
- It is capable of fast cooling, fast heating, and can reach user's set temperature quickly.



Indoor Unit

Duct type	Cassette type	Floor ceiling type
<ul style="list-style-type: none">● Fresh air inlet and air valve control function improve the indoor air quality.● Flexible air inlet/outlet and condensing water outlet direction based on different installation requirements.● Optimized air duct design improves the performance and lows the noise.	<ul style="list-style-type: none">● Drain pump filled as standard with increased lift of 1000mm.● Air return lifting panel can be matched as an optional panel.● Equip with 360° air discharge panel, providing more comfortable air supply.● All kinds of air freshener can be installed in the filter, such as catechin.	<ul style="list-style-type: none">● 3-D air flue design.● Easy replacement of motor and fan blade thanks to clamp block propeller design.● Different swing angles design for cooling and heating mode and for better comfort.

Item	Nominal operating condition (temperature)				Operation range (temperature)
	Outdoor condition		Indoor condition		Outdoor condition
	DB (°)	WB (°)	DB (°)	WB (°)	DB (°)
Cooling	35	-	27	19	18~52
Heating	7	6	20	-	-10~24

Note: All models of this series are under development.Please confirm the final specifications with sales representatives.

Product Lineup

Capacity Index		18K	24K	30K	36K	48K
Outdoor Unit						
Indoor Unit	Duct					
	Cassette					
	Floor Ceiling					

Specifications

Model	Outdoor Unit		GUTD18W/A-T(S)*				
	Indoor Unit		Duct	Duct with water pump	Cassette	Floor Ceiling	
			GUD18P/A-T(S)	GUD18PS/A-T(S)	GUD18T/A-T(S)	GUD18ZD/A-T(S)	
Capacity	T1 Cooling	kW	5.34	5.34	5.28	5.28	
		Btu/h	18083	18083	18000	18000	
	T3 Cooling	kW	4.62	4.62	4.4	4.65	
		Btu/h	15763	15763	15013	15866	
	Heating	kW	6	6	6	6	
		Btu/h	20472	20472	20472	20472	
T1 EER/T3 EER / C.O.P		W/W	3.56/2.668/3.87	3.56/2.668/3.87	3.54/2.706/3.87	3.54/2.654/3.87	
Power supply		V/Hz/Ph	220-240/50/1 & 208-230/60/1				
Power input	Cooling	kW	1.5	1.5	1.49	1.49	
	Heating	kW	1.7	1.7	1.7	1.7	
Current input	Cooling	A	6.4	6.4	6.4	6.4	
	Heating	A	7.1	7.1	7.1	7.1	
Refrigerant charge volume		kg	1.4	1.4	1.4	1.4	
Indoor unit	Air flow volume(SH/H/M/L)		CFM	706/682/641/553	706/682/641/553	647/618/565/512	765/718/641/553
			m³/h	1200/1160/1090/940	1200/1160/1090/940	1100/1050/960/870	1300/1220/1090/940
	ESP	Rated	Pa	25	25	0	0
		Range	Pa	0-75	0-75	0	0
	Sound pressure level(H/M/L)		dB(A)	40/39/37/36	40/39/37/36	43/42/40/39	45/44/41/38
	Dimension (W×D×H)	Outline	mm	1300x450x220	1300x450x220	840x840x240	1200x665x235
		Package	mm	1570x545x283	1570x545x283	963x963x325	1363x770x300
Net weight/Gross weight		kg	30/37	31/38	29/36	31/37	
Panel	Dimension (W×D×H)	Outline	mm	-	950x950x52	-	
		Package	mm	-	1033x1038x112	-	
	Net weight/Gross weight		kg	-	6/9.5	-	
Outdoor unit	Dimension (W×D×H)	Outline	mm	818x302x596	818x302x596	818x302x596	
		Package	mm	948x420x645	948x420x645	948x420x645	
	Net weight/Gross weight		kg	39/42	39/42	39/42	
Connecting pipe diameter	Outdoor diameteter	Gas	inch(mm)	Φ1/2(12.7)	Φ1/2(12.7)	Φ1/2(12.7)	
		Liquid	inch(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	
	Max. distance	Height/Length	m	20/35	20/35	20/35	
Loading quantity		40'GP/40'HQ	set	104/117	81/94	97/114	

Notes:
* This series model is under development. Please confirm the final specifications with sales representatives.
1.The capacity is based on the following conditions:
T1 Cooling: Indoor temperature 27℃DB /19℃WB;Outdoor temperature 35℃DB.
T3 Cooling: Indoor temperature 29℃DB /19℃WB;Outdoor temperature 46℃DB.
Heating: Indoor temperature 20℃DB;Outdoor temperature 7℃DB/6℃WB

Model	Outdoor Unit			GUTD24W/A-T(S)			
	Indoor Unit		Duct with water pump GUD24PS/A-T(S)	Duct GUD24P/A-T(S)	Cassette GUD24T/A-T(S)	Floor Ceiling GUD24ZD/A-T(S)	
Capacity	T1 Cooling		kW	6.09	6.09	6.09	6.12
			Btu/h	20800	20800	20800	20900
	T3 Cooling		kW	5.61	5.61	6.06	5.61
			Btu/h	19200	19200	20700	19200
	Heating		kW	8.35	8.35	8.60	8.00
			Btu/h	28400	28300	29343	27296
T1 EER/T3 EER / C.O.P			W/W	3.55/2.56/3.6	3.56/2.56/3.5	3.63/2.55/3.5	3.55/2.56/3.25
Power supply			V/Hz/Ph	220-240/50/1 & 208-230/60/1			
Power input	Cooling		kW	1.72	1.72	1.68	1.73
	Heating		kW	2.40	2.40	2.45	2.462
Current input	Cooling		A	8.40	8.40	7.70	8.40
	Heating		A	11.10	11.10	11.50	11.50
Refrigerant charge volume			kg	2.15	2.15	2.15	2.15
Indoor unit	Air flow volume(SH/H/M/L)		CFM	706/682/641/553	706/682/641/553	647/618/565/512	765/718/641/553
			m³/h	1200/1160/1090/940	1200/1160/1090/940	1100/1050/960/870	1300/1220/1090/940
	ESP	Rated	Pa	25	25	-	-
		Range	Pa	0-75	0-75	-	-
	Sound pressure level(H/M/L)		dB(A)	39/37/36	39/37/36	42/40/39	44/41/38
	Dimension (W×D×H)	Outline	mm	1300x450x220	1300x450x220	840×840×240	1200x665x235
		Package	mm	1628x578x300	1628x578x300	963x963x325	1363x770x300
Net weight/Gross weight		kg	31/38	30/37	29/36	31/37	
Panel	Dimension (W×D×H)	Outline	mm	-	-	950x950x52	-
		Package	mm	-	-	1038x1033x112	-
	Net weight/Gross weight		kg	-	-	6/9.5	-
Outdoor unit	Dimension (W×D×H)	Outline	mm	892×340×698	892×340×698	892×340×698	892×340×698
		Package	mm	1029×458×750	1029×458×750	1029×458×750	1029×458×750
	Net weight/Gross weight		kg	53/57	53/57	53/57	53/57
Connecting pipe diameter	Outdoor diameter	Gas	inch(mm)	Φ5/8(16)	Φ5/8(16)	Φ5/8(16)	Φ5/8(16)
		Liquid	inch(mm)	Φ3/8 (9.52)	Φ3/8 (9.52)	Φ3/8 (9.52)	Φ3/8 (9.52)
	Max. distance	Height/Length	m	25/50	25/50	25/50	25/50
Loading quantity		40'GP/40'HQ	set	84/102	84/102	79/91	90/97

Model	Outdoor Unit			GUTD30W/A-T(S)*			
	Indoor Unit			Duct with water pump GUD30PHS/A-T(S)	Duct GUD30PH/A-T(S)	Cassette GUD30T/A-T(S)	Floor Ceiling GUD30ZD/A-T(S)
Capacity	T1 Cooling		kW	7.3	7.3	6.7	7.9
			Btu/h	24900	24900	22860	26900
	T3 Cooling		kW	8.5	8.5	7	6.6
			Btu/h	29000	29000	23880	22500
	Heating		kW	9.4	9.4	9.5	9.7
			Btu/h	32000	32000	32410	33000
T1 EER/T3 EER / C.O.P			W/W	3.90/2.76/3.97	3.90/2.76/3.97	3.87/2.48/3.72	3.55/2.56/3.25
Power supply			V/Hz/Ph	220-240/50/1 & 208-230/60/1			
Power input	Cooling		kW	1.89	1.89	1.73	2.2
	Heating		kW	2.38	2.38	2.57	2.9
Current input	Cooling		A	8.48	8.48	7.76	9.89
	Heating		A	10.63	10.63	11.35	13.11
Refrigerant charge volume			kg	2.45	2.45	2.45	2.45
Indoor unit	Air flow volume(SH/H/M/L)		CFM	1177/1018/924/824	1177/1018/924/824	1059/995/865/742	1059/1000/906/824
			m³/h	2000/1730/1570/1400	2000/1730/1570/1400	1800/1690/1470/1260	1800/1700/1540/1400
	ESP	Rated	Pa	50	50	0	0
		Range	Pa	0~150	0~150	0	0
	Sound pressure level(H/M/L)		dB(A)	40/39/37	40/39/37	49/46/42	47/44/42
	Dimension (W×D×H)	Outline	mm	1400x700x300	1400x700x300	840x840x290	1570x665x235
		Package	mm	1601x813x365	1601x813x365	963x963x379	1729x770x300
Net weight/Gross weight		kg	50/56	49/55	33/41	40/47	
Panel	Dimension (W×D×H)	Outline	mm	-	-	950x950x52	-
		Package	mm	-	-	1033x1038x112	-
	Net weight/Gross weight		kg	-	-	6/9.5	-
Outdoor unit	Dimension (W×D×H)	Outline	mm	920x370x790	920x370x790	920x370x790	920x370x790
		Package	mm	1083x488x855	1083x488x855	1083x488x855	1083x488x855
	Net weight/Gross weight		kg	60/65	60/65	60/65	60/65
Connecting pipe diameter	Outdoor diameter	Gas	inch(mm)	Φ5/8(16)	Φ5/8(16)	Φ5/8(16)	Φ5/8(16)
		Liquid	inch(mm)	Φ3/8 (9.52)	Φ3/8 (9.52)	Φ3/8 (9.52)	Φ3/8 (9.52)
	Max. distance		m	25/50	25/50	25/50	25/50
Loading quantity		40'GP/40'HQ	set	56/63	56/63	56/64	66/77

Notes:
* This series model is under development. Please confirm the final specifications with sales representatives.
1.The capacity is based on the following conditions:
T1 Cooling: Indoor temperature 27℃DB /19℃WB;Outdoor temperature 35℃DB.
T3 Cooling: Indoor temperature 29℃DB /19℃WB;Outdoor temperature 46℃DB.
Heating: Indoor temperature 20℃DB;Outdoor temperature 7℃DB/6℃WB

Model	Outdoor Unit			GUTD36W/A-T(S)			
	Indoor Unit		Duct with water pump	Duct	Cassette	Floor Ceiling	
			GUD36PHS/A-T(S)	GUD36PH/A-T(S)	GUD36T/A-T(S)	GUD36ZD/A-T(S)	
Capacity	T1 Cooling	kW	8.950	8.950	8.70	8.95	
		Btu/h	30600	30600	29600	30600	
	T3 Cooling	kW	9300	9300	8.4	9.2	
		Btu/h	31800	31800	28600	31400	
	Heating	kW	11.9	11.9	12	13.4	
		Btu/h	40600	40600	40945	45600	
T1 EER/T3 EER / C.O.P		W/W	3.57/2.6/3.35	3.57/2.6/3.35	3.55/2.54/3.45	3.6/2.55/3.5	
Power supply		V/Hz/Ph	220-240/50/1 & 208-230/60/1				
Power input	Cooling	kW	2.508	2.508	2.450	2.486	
	Heating	kW	3.553	3.553	3.478	3.828	
Current input	Cooling	A	12.1	12.1	11.8	12	
	Heating	A	17.1	17.1	16.8	18.3	
Refrigerant charge volume		kg	3.4	3.4	3.4	3.4	
Indoor unit	Air flow volume(SH/H/M/L)	CFM	1295/1177/1018/877	1295/1177/1018/877	1118/995/871/671	1236/1177/1059/871	
		m³/h	2200/2000/1730/1490	2200/2000/1730/1490	1900/1690/1480/1140	2100/2000/1800/1480	
	ESP	Rated	Pa	37	-	-	
		Range	Pa	0~150	0~150	-	-
	Sound pressure level(H/M/L)		dB(A)	41/40/38	41/40/38	51/48/45	50/48/44
	Dimension (W×D×H)	Outline	mm	1400×700×300	1400×700×300	840×840×290	1570×665×235
		Package	mm	1601×813×365	1601×813×365	963×963×379	1729×770×300
Net weight/Gross weight		kg	50/56	49/55	36/44	42/49	
Panel	Dimension (W×D×H)	Outline	mm	-	950×950×52	-	
		Package	mm	-	1033×1038×112	-	
	Net weight/Gross weight		kg	-	6/9.5	-	
Outdoor unit	Dimension (W×D×H)	Outline	mm	940×460×820	940×460×820	940×460×820	
		Package	mm	1083×573×973	1083×573×973	1083×573×973	
	Net weight/Gross weight		kg	83/95	83/95	83/95	
Connecting pipe diameter	Outdoor diameter	Gas	inch(mm)	Φ5/8(16)	Φ5/8(16)	Φ5/8(16)	
		Liquid	inch(mm)	Φ3/8 (9.52)	Φ3/8 (9.52)	Φ3/8 (9.52)	
Loading quantity	Max. distance	Height/Length	m	30/65	30/65	30/65	
	40'GP/40'HQ		set	47/53	47/53	54/62	

Model	Outdoor Unit			GUTD48W/A-T(S)			
	Indoor Unit		Duct with water pump	Duct	Cassette	Floor Ceiling	
			GUD48PHS/A-T(S)	GUD48PH/A-T(S)	GUD48T/A-T(S)	GUD48ZD/A-T(S)	
Capacity	T1 Cooling	kW	10.25	10.25	8.85	10.5	
		Btu/h	35000	35000	30200	35800	
	T3 Cooling	kW	10.55	10.55	7.55	10.1	
		Btu/h	36000	36000	25800	34400	
	Heating	kW	14.9	14.9	14.7	16.2	
		Btu/h	50840	50840	50200	55270	
T1 EER/T3 EER / C.O.P		W/W	3.54/2.55/3.6	3.54/2.55/3.6	3.54/2.52/3.2	3.57/2.58/3.65	
Power supply		V/Hz/Ph	220-240~50/208-230~60-1				
Power input	Cooling	kW	2.89	2.89	2.50	2.93	
	Heating	kW	4.15	4.15	4.60	4.45	
Current input	Cooling	A	13	13	11.3	13.6	
	Heating	A	18.5	18.5	20.5	20.1	
Refrigerant charge volume		kg	3.7	3.7	3.7	3.7	
Indoor unit	Air flow volume(SH/H/M/L)	CFM	1412/1153/983/812	1412/1153/983/812	1177/1106/953/842	1354/1295/1100/936	
		m³/h	2400/1960/1670/1380	2400/1960/1670/1380	2000/1880/1620/1430	2300/2200/1870/1590	
	ESP	Rated	Pa	50	50	0	0
		Range	Pa	0~200	0~200	0	0
	Sound pressure level(H/M/L)		dB(A)	41/39/38	41/39/38	52/50/48	53/49/45
	Dimension (W×D×H)	Outline	mm	1400×700×300	1400×700×300	840×840×290	1570×665×235
Package		mm	1678×808×365	1678×808×365	963×963×379	1729×770×300	
Net weight/Gross weight		kg	57/64	56/63	36/44	42/49	
Panel	Dimension (W×D×H)	Outline	mm	-	950×950×52	-	
		Package	mm	-	1033×1038×112	-	
	Net weight/Gross weight		kg	-	6/9.5	-	
Outdoor unit	Dimension (W×D×H)	Outline	mm	900×340×1345	900×340×1345	900×340×1345	
		Package	mm	1048×458×1500	1048×458×1500	1048×458×1500	
	Net weight/Gross weight		kg	106/116	106/116	106/116	
Connecting pipe diameter	Outdoor diameter	Gas	inch(mm)	Φ5/8(16)	Φ5/8(16)	Φ5/8(16)	
		Liquid	inch(mm)	Φ3/8 (9.52)	Φ3/8 (9.52)	Φ3/8 (9.52)	
Max. distance	Height/Length	m	30/75	30/75	30/75	30/75	
		set	43/47	43/47	47/50	46/55	
Loading quantity							

Notes:
* This series model is under development. Please confirm the final specifications with sales representatives.
1.The capacity is based on the following conditions:
T1 Cooling: Indoor temperature 27 ℃DB /19 ℃WB;Outdoor temperature 35 ℃DB.
T3 Cooling: Indoor temperature 29 ℃DB /19 ℃WB;Outdoor temperature 46 ℃DB.
Heating: Indoor temperature 20 ℃DB;Outdoor temperature 7 ℃DB/6 ℃WB

Control System Lineup

Product series			Duct	Cassette	Floor Ceiling
Control system					
Wired controller	XK117		●	○	○
	XK75		○	○	○
Wireless remote controller	YAP1F6		○	○	○
WiFi module(G-Cloud)	ME31-00/C4		○	○	○
Modbus gateway	ME50-00/EG(M)		○	○	○
Centralized controller (up to 36 indoor unit)	CE52-24/F(C)		○	○	○
Dry contact gateway (Extended Function Board)	ME30-42/E1		○	○	○
Door controller	MK03		○	○	○

Note: ● means standard, ○ means optional.

U-MATCH



Fixed Frequency Series

It is a kind of split system that the outdoor unit can be connected to various indoor unit (duct, cassette or floor ceiling type) with its cooling capacity from 24K to 60K.



Quality motor



Quiet function



Intelligent defrosting



Energy saving function



Compact design



Easier maintenance



Self-diagnosis



Wide operation range

- Double ambient temperature sensor design makes a precision temperature monitoring.
- The outdoor unit is universal and can be matched with duct type and cassette.
- It is capable of fast cooling, fast heating, and can reach user's set temperature quickly.



Indoor Unit

Duct type

- Fresh air inlet and air valve control function improve the indoor air quality.
- Flexible air inlet/outlet and condensing water outlet direction based on different installation requirements.
- Optimized air duct design improves the performance and lows the noise.

Cassette type

- Drain pump filled as standard with increased lift of 1100mm.
- Special low noise fan design.
- Different swing angles design for cooling and heating mode and for better comfort.
- All kinds of air freshener can be installed in the filter, such as catechin.

Item	Nominal operating condition (temperature)				Operation range (temperature)
	Outdoor condition		Indoor condition		Outdoor condition
	DB ()	WB ()	DB ()	WB ()	
Cooling	35	24	27	19	-15~52
Heating	7	6	20	-	-15~24

Capacity Index



Capacity Index (Btu/h)		24K	36K	48K	60K
Outdoor Unit					
Indoor Unit	Duct				
	Cassette				

Specifications

Model	Outdoor Unit			GUHN24TK3HO		GUHN36TM3HO	
	Indoor Unit			Duct	Cassette	Duct	Cassette
				GFH24TK3HI	GKH24TK3HI	GFH36TK3HI	GKH36TK3HI
Capacity	Cooling	kW	7.10	7.10	10.00	10.00	
		Btu/h	24200	24200	34100	34100	
	Heating	kW	7.40	7.40	11.50	11.50	
		Btu/h	25200	25200	39200	39200	
EER /COP		W/W	2.84/3.22	2.84/3.30	2.78/3.48	2.86/3.48	
Power supply		V/Hz/Ph	220-240/50/1	220-240/50/1	380-415/50/3	380-415/50/3	
Power input	Cooling	kW	2.50	2.50	3.50	3.50	
	Heating	kW	2.30	2.30	3.30	3.30	
Current input	Cooling	A	10.90	10.90	8.00	8.00	
	Heating	A	9.5	9.60	7.50	7.50	
Refrigerant charge volume		kg	1.5	1.5	2.2	2.2	
Indoor unit	Air flow volume(SH)		CFM	742	853	1236	
			m³/h	1260	1450	2100	
	ESP	Rated	Pa	25	0	37	
		Range	Pa	0-30	0	0-75	
	Sound pressure level(SH/H/M/L)		dB(A)	43/38/34/32	49/48/47/46	51/48/46/44	
	Dimension (W×D×H)	Outline	mm	1260×555×270	840×840×240	1230×790×290	
		Package	mm	1348×597×283	963×963×325	1338×837×305	
Net weight/Gross weight		kg	33/38	27/35	46/52		
Panel	Dimension (W×D×H)	Outline	mm	-	950×950×60	-	
		Package	mm	-	1033×1038×133	-	
	Net weight/Gross weight		kg	-	7/11	-	
Outdoor unit	Dimension (W×D×H)	Outline	mm	955×395×700	955×395×700	980×425×790	
		Package	mm	1029×458×750	1029×458×750	1083×488×875	
	Net weight/Gross weight		kg	61/66	61/66	69/74	
Connecting pipe diameter	Outdoor diameter	Gas	inch(mm)	Φ5/8(15.9)	Φ5/8(15.9)	Φ3/4(19.05)	
		Liquid	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)	
	Max. distance		m	15/30	15/30	15/30	
Loading quantity		40'GP/40'HQ	set	102/113	60/67	65/80	

Model	Outdoor Unit		GUHN48TM3HO		GUHN60TM3HO		
	Indoor Unit		Duct	Cassette	Duct	Cassette	
Capacity	Cooling	kW	14.10	14.10	16	15.00	
		Btu/h	48100	48100	54600	51200	
	Heating	kW	15.2	15.00	18	16.80	
		Btu/h	51900	51200	61400	57300	
EER /COP		W/W	2.82/3.23	2.94/3.06	2.86/3.27	2.83/3.23	
Power supply		V/Hz/Ph	380-415/50/3	380-415/50/3	380-415/50/3	380-415/50/3	
Power input	Cooling	kW	4.80	4.80	5.30	5.30	
	Heating	kW	4.90	4.90	5.20	5.20	
Current input	Cooling	A	9.30	9.30	10.50	10.50	
	Heating	A	9.50	9.50	10.30	10.30	
Refrigerant charge volume		kg	3.7	3.7	4.1	4.1	
Indoor unit	Air flow volume(SH)		CFM	1354	971	1471	1059
			m³/h	2300	1650	2500	1800
	ESP	Rated	Pa	50	0	50	0
		Range	Pa	0~100	0	0-100	0
	Sound pressure level(SH/H/M/L)		dB(A)	53/52/50/50	52/47/46/43	56/52/49/49	53/51/49/47
	Dimension (W×D×H)	Outline	mm	1230×790×290	840×840×320	1235×830×330	840×840×290
		Package	mm	1338×837×305	963×963×409	1338×885×345	963×963×379
Net weight/Gross weight		kg	53/60	33/42	56/64	37/46	
Panel	Dimension (W×D×H)	Outline	mm	-	950×950×60	-	950×950×60
		Package	mm	-	1033×1038×133	-	1033×1038×133
	Net weight/Gross weight		kg	-	7/11	-	7/11
Outdoor unit	Dimension (W×D×H)	Outline	mm	1120×440×1100	1120×440×1100	980×410×1350	980×410×1350
		Package	mm	1158×483×1235	1158×483×1235	1027×443×1500	1027×443×1500
	Net weight/Gross weight		kg	103/115	103/115	118/129	118/129
Connecting pipe diameter	Outdoor diameteter	Gas	inch(mm)	Φ3/4(19.05)	Φ3/4(19.05)	Φ3/4(19.05)	Φ3/4(19.05)
		Liquid	inch(mm)	Φ1/2(12.7)	Φ1/2(12.7)	Φ1/2(12.7)	Φ1/2(12.7)
	Max. distance	Height/Length	m	30/50	30/50	30/50	30/50
Loading quantity	40'GP/40'HQ	set	48/61	40/50	48/56	46/54	

Control system lineup

Control system			Product series	Duct	Cassette
Wired remote controller	XK117			●	○
Wireless remote controller	YB1FA			○	●

Note: ● means standard, ○ means optional.



Duct Split Unit

₹410A

High Efficiency Series (Top Discharged)

It is a kind of split system that can be connected with air duct of EER 11.8 to realize cooling.



Easier maintainability

Built-in drain pump

Washable filter

Quality motor

Turbo function

Wide voltage range

Wide operation range

- Energy-saving technology, low operating noise.
 - Double ambient temperature sensor control.
 - Indoor unit independent control.
- Strong Self-protection function.
 - Flexible and convenient installation.



Item	Nominal operating condition (temperature)				Operation range (temperature)
	Outdoor condition		Indoor condition		Outdoor condition
	DB ()	WB ()	DB ()	WB ()	DB ()
Cooling	T1:35 T3:46	T1:24 T3:24	T1:27 T3:29	T1:19 T3:19	21~52

Specifications

Model	Outdoor Unit		GHCN36TM3DO		GHCN48TM3DO		GHCN60TM3DO		
	Indoor Unit		Duct		Duct		Duct		
			GFH36TS3DI		GFH48TS3DI		GFH60TS3DI		
Capacity	Cooling	kW	10.5		13.2		15.8		
		Btu/h	36000		45000		54000		
EER /COP		W/W	3.50		3.38		3.29		
Power supply		V/Hz/Ph	380-415/50/3		380-415/50/3		380-415/50/3		
Power input	Cooling	kW	3.00		3.90		4.80		
Current input	Cooling	A	6.5		9.0		11.0		
Refrigerant charge volume		kg	3.40		3.75		5.60		
Indoor unit	Air flow volume(SH/H/M/L)		CFM	1175/1060/883/710		1590/1410/1240/1060		1770/1650/1410/1295	
			m³/h	2000/1800/1500/1200		2700/2400/2100/1800		3000/2800/2400/2200	
	ESP	Rated	Pa	37		50		50	
		Range	Pa	0~100		0~120		0~120	
	Sound pressure level(H/M/L)		dB(A)	43/39/35		46/43/39		51/47/43	
	Dimension (W×D×H)	Outline	mm	1530×755×300		1530×755×300		1530×755×300	
		Package	mm	1601×813×365		1601×813×365		1601×813×365	
Net weight/Gross weight		kg	50/56		53/59		53/59		
Outdoor unit	Dimension (W×D×H)	Outline	mm	710×710×850		710×710×850		750×750×850	
		Package	mm	773×773×875		773×773×875		773×773×875	
	Net weight/Gross weight		kg	84/89		85/90		101/106	
Connecting pipe diameter	Outdoor diameteter	Gas	inch(mm)	Φ3/4(19.05)		Φ3/4(19.05)		Φ3/4(19.05)	
		Liquid	inch(mm)	Φ3/8(9.52)		Φ3/8(9.52)		Φ3/8(9.52)	
	Max. distance	Height/Length	m	30/50		30/50		30/50	
Loading quantity	40'GP/40'HQ		set	48/54		48/54		48/54	

Control System Lineup

Control system			Product series	U-Match
Wired remote controller	XK117			●
	XK130			○
Wireless remote controller	YAP1F1			○

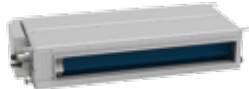
Note: ● means standard, ○ means optional.

Duct Split Unit

₹410A

High Efficiency Series (Side Discharged)*

It is a kind of split system that can be connected with air duct of EER 11.8 to realize cooling.



18K

24/30K

36K

48/55K

Easier maintainability

Built-in drain pump

Washable filter

Quality motor

Turbo function

Wide voltage range

Wide operation range

- Energy-saving technology, low operating noise.
 - Double ambient temperature sensor control.
 - Indoor unit independent control.
- Strong Self-protection function.
 - Flexible and convenient installation.



Item	Nominal operating condition (temperature)				Operation range (temperature)
	Outdoor condition		Indoor condition		Outdoor condition
	DB ()	WB ()	DB ()	WB ()	DB ()
Cooling	T1:35 T3:46	T1:24 T3:24	T1:27 T3:29	T1:19 T3:19	21~52




Specifications

Model	Outdoor Unit		GUTL18W/B-K(S)		GUTL24W/B-K(S)		GUTL30W/B-K(S)		GUTL36W/B-K(S)		
	Indoor Unit		Duct		Duct		Duct		Duct		
			GULD18PS/B-K(S)		GULD24PHS/B-K(S)		GULD30PHS/B-K(S)		GULD36PHS/B-K(S)		
Capacity	Cooling	kW	5.3		7.1		8.8		10.3		
		Btu/h	18084		24225		30025		35144		
EER /COP		W/W	3.53		3.55		3.52		3.43		
Power supply		V/Hz/Ph	220-240V ~ 50Hz		220-240V ~ 50Hz		220-240V ~ 50Hz		220-240V ~ 50Hz		
Power input	Cooling	kW	1.50		2.00		2.50		3.00		
Current input	Cooling	A	6.52		8.7		10.87		13		
Refrigerant charge volume		kg	1.5		1.9		2.5		2.8		
Indoor unit	Air flow volume(SH/H/M/L)		CFM	559/518/483/412		753/735/694/574		1059/895/812/748		1235/1058/970/882	
			m³/h	9501/880/820/700		1280/1250/1180/1010		1800/1520/1380/1270		2100/1800/1650/1500	
	ESP	Rated	Pa	25		25		37		37	
		Range	Pa	0~100		0~100		0~100		0~150	
	Sound pressure level(H/M/L)		dB(A)	36/34/32		44/42/40		44/42/40		40/39/37	
	Dimension (W×D×H)	Outline	mm	1000×450×200		1000×700×300		1000×700×300		1400×700×300	
		Package	mm	1308×568×275		1205×813×360		1205×813×360		1601×813×365	
Net weight/Gross weight		kg	26/31		31/38		41/47		50/56		
Outdoor unit	Dimension (W×D×H)	Outline	mm	890×340×700		920×370×790		920×370×790		940×460×820	
		Package	mm	1029×458×750		1083×488×875		1083×488×855		1083×573×973	
	Net weight/Gross weight		kg	47/50		63/69		71/76		83/93	
Connecting pipe diameter	Outdoor diameteter	Gas	inch(mm)	Φ1/4(6.35)		Φ3/8(9.52)		Φ3/8(9.52)		Φ3/8(9.52)	
		Liquid	inch(mm)	Φ1/2(12.7)		Φ5/8(15.9)		Φ5/8(15.9)		Φ5/8(15.9)	
	Max. distance	Height/Length	m	15/30		15/30		30/50		30/50	
Loading quantity		40'GP/40'HQ	set	105/116		76/88		116/136		90/98	

Note: All models of this series are under development. Please confirm the final specifications with sales representatives.

Model	Outdoor Unit		GUTL36W/B-M(S)		GUTL48W/B-M(S)		GUTL55W/B-M(S)		
	Indoor Unit		Duct		Duct		Duct		
			GULD36PHS/B-K(S)		GULD48PHS/B-K(S)		GULD55PHS/B-K(S)		
Capacity	Cooling	kW	12		14		16		
		Btu/h	40944		47768		54592		
EER /COP		W/W	3.53		3.5		3.56		
Power supply		V/Hz/Ph	380-415V 3N~ 50Hz		380-415V 3N~ 50Hz		380-415V 3N~ 50Hz		
Power input	Cooling	kW	3.40		4.00		4.50		
Current input	Cooling	A	8.5		10		11.25		
Refrigerant charge volume		kg	2.8		4.4		4.3		
Indoor unit	Air flow volume(SH/H/M/L)	CFM	1235/1058/970/882		1471/1294/1176/1059		1413/1154/983/812		
		m³/h	2100/1800/1650/1500		2500/2200/2000/1800		2400/1960/1670/1380		
	ESP	Rated	Pa	37		50		50	
		Range	Pa	0~150		0~200		0~200	
	Sound pressure level(H/M/L)		dB(A)	40/39/37		41/39/38		41/39/38	
	Dimension (W×D×H)	Outline	mm	1400×700×300		1400×700×300		1400×700×300	
		Package	mm	1601×813×365		1678×808×365		1601×813×365	
Net weight/Gross weight		kg	50/56		57/64		57/64		
Outdoor unit	Dimension (W×D×H)	Outline	mm	940×460×820		980×410×1350		940×320×1430	
		Package	mm	1083×573×973		1027×443×1500		1038×438×1580	
	Net weight/Gross weight		kg	83/93		118/129			
Connecting pipe diameter	Outdoor diameteter	Gas	inch(mm)	Φ3/8(9.52)		Φ3/8(9.52)		Φ3/8(9.52)	
		Liquid	inch(mm)	Φ5/8(15.9)		Φ3/4(19.05)		Φ3/4(19.05)	
	Max. distance	Height/Length	m	30/50		30/50		30/50	
Loading quantity	40'GP/40'HQ	set	90/98		43/46		79/86		

Control System Lineup

Control system			Product series	Duct
Wired remote controller	XK117			●
	XK130			○
Wireless remote controller	YAP1F1			○

Note: ● means standard, ○ means optional.

Big Duct Type Unit



T3 Inverter Series

It is a kind of split system that can be connected with air duct to realize cooling in middle east.



20kW

25kW/30kW

40kW*

*: If the capacity of outdoor unit is 40kW, two outdoor units are needed for the operation of one indoor unit.



Intelligent defrosting



Compact design



Comprehensive protection



Easier maintainability



Self-diagnosis



Wide operation range

- All DC inverter for high efficiency and energy saving.
- High static units for longer ducted runs.
- ESP reach up to 250Pa high.
- Static pressure is adjustable.
- Intelligent filter cleaning reminding function is available.
- Indoor fan can be adjusted according to the static pressure of air duct installed by customers.
- Reliable operation under the outdoor temperature of 52℃.



Item	Nominal operating condition (temperature)				Operation range (temperature)
	Outdoor condition		Indoor condition		Outdoor condition
	DB (°C)	WB (°C)	DB (°C)	WB (°C)	DB (°C)
Cooling	T1:35 T3:46	T1:24 T3:24	T1:27 T3:29	T1:19 T3:19	-7~52
Heating	7	6	20	15	-15~24

Specifications

Model			FGR20Pd/DNa-X(E)	FGR25Pd/DNa-X(E)	FGR30Pd/DNa-X(E)	FGR40Pd/D(2)Na-X(E)
Capacity	Cooling(T1)	kW	20	25	30	40
		Btu/h	68260	85325	102390	136520
	Cooling(T3)	kW	14	17.5	21	28
		Btu/h	47800	59700	71650	95550
	Heating	kW	22	27.5	33	43
		Btu/h	75090	93860	112630	146760
Power input	Cooling(T1)	kW	7.80	9.40	11.30	15.50
	Cooling(T3)	kW	3.60	4.40	5.40	7.20
	Heating	kW	7.00	8.90	10.70	13.90
EER(T1)		W/W	2.56	2.66	2.65	2.58
EER(T3)		W/W	2.45	2.44	2.44	2.45
Power supply		V/Hz/Ph	380-415/50/60/3	380-415/50/60/3	380-415/50/60/3	380-415/50/60/3
Refrigerant charge volume		kg	6.4	8	9.5	6.4×2
Indoor Unit	Air flow volume(H/M/L)	CFM	2178	2472	3060	4120
		m³/h	3700	4200	5200	7000
	ESP	Rated	Pa	120	120	120
		Range	Pa	0-250	0-250	0-250
	Sound pressure level(H/M/L)		dB(A)	52	53	55
	Dimension (W×D×H)	Outline	mm	1460×790×365	1690×870×440	1690×870×440
		Package	mm	1578×883×472	1788×988×580	1788×988×580
	Net weight/Gross weight		kg	82/104	99/134	105/145
Outdoor Unit	Dimension (W×D×H)	Outline	mm	940×320×1430	940×460×1615	940×460×1615
		Package	mm	1033×433×1580	1033×573×1765	1033×573×1765
	Net weight/Gross weight		kg	120/130	146/162	175/190
Connecting pipe diameter	Outdoor diameteter	Gas	inch(mm)	Φ3/8	Φ3/8	Φ1/2
		Liquid	inch(mm)	Φ3/4	Φ7/8	Φ1
	Max. distance	Height/Length	m	30/50	30/50	30/50
Loading quantity		40'GP/40'HQ	set	24/24	20/22	20/22

Notes:
1.The capacity is based on the following conditions:
T3 Cooling: Indoor temperature 27℃DB 19℃WB;Outdoor temperature 46℃DB.
T1 Cooling: Indoor temperature 27℃DB 19℃WB;Outdoor temperature 35℃DB.
Heating: Indoor temperature 20℃DB 15℃WB;Outdoor temperature 7℃DB 6℃WB.
Testing ESP:120 Pa
Piping Length:7.5m
2.Due to our policy of innovation some specifications may be changed without notification.

Control System Lineup

Control system		Product series	Big Duct Type Unit
Wired remote controller	XK46*		●
	XK79*		○
Wireless remote controller	YAP1F		○
USB data converter	ME40-00/B		○
Intelligent debugging software	DE40-33/A(C)		○

Note: ● means standard, ○ means optional. XK46 and XK79 exported to UAE has different functions, detailed info pls consult Gree sales representatives.





Rooftop Packaged Unit

It is a kind of packaged air conditioner that can be installed either on ground or roof and widely used in villas, hotels, schools, supermarkets and factories.



Golden fin condenser

Inner groove copper

Turbo function

High efficiency

Intelligent defrosting

Energy saving function

Comprehensive protection

Wide voltage range

- All DC inverter is adopted for high efficiency.
- Dual-compressor control: in low-load condition, only one compressor will operate; compressors can take turns to operate (applicable to 8~25 ton models).
- Detachable filter, easy for cleaning.
- Filter cleaning reminding function.
- I-demand function: it is used to control the total power within 75% of the rated power.
- Cooling of drive module adopts refrigerant cooling technology, which is more reliable (applicable to 8RT and 15RT models).

Item	Nominal operating condition (temperature)				Operation range (temperature)
	Outdoor condition		Indoor condition		Outdoor condition
	DB (°)	WB (°)	DB (°)	WB (°)	
Cooling	35	24	27	19	5Ton: -5~52 °C ; 8~15 Ton: 5~52 °C ; 25 Ton:18~52 °C
Heating	7	6	20	15	5~8 Ton: -15~24 °C ; 15 Ton:5~52 °C ; 25 Ton:-10~24 °C

Specifications

Model			GK-H05TH3AX	GK-H08TH3AX	GK-H15TH3AX	GK-H25TH3AX
Capacity	Cooling	kW	15.6 (7.00-18.10)	25.80 (9.00-36.00)	40.00 (14.60-52.10)	42.00 (19.90-80.30)
	Heating	kW	17.4 (4.4~22.0)	25.78 (9.0~34.0)	47.00 (14.6~60.0)	71.5 (20.5~76.2)
EER/COP		W/W	11.65/11.90	11.25/10.85	11.00/11.85	11.10/9.90
Power supply		Ph/V/Hz	3/380~415/50/60	3/380~415/50/60	3/380~415/50/60	3/380~415/50/60
Power input	Cooling	kW	4.55	7.80	12.35	13.00
	Heating	kW	5.00	8.10	13.5	24.60
Current input	Cooling	A	8.20	13.60	20.50	21.00
	Heating	A	8.90	14.20	22.50	39.00
Refrigerant charge volume		kg	5.00	16.00	21.00	25.00
Dehumidifying volume		L/h	2.40	7.60	15.60	25.5
Airflow volume (H/M/L)		CFM	1677/1560/1354	2702/2472/2236	4943/4473/4002	8530
		m³/h	2850/2650/2300	4600/4200/3800	8400/7600/6800	14500
ESP	Rated	Pa	50	70	100	100
	Range	Pa	0~110	0~140	0~170	0~220
Sound pressure level		dB(A)	63	69	72	72
Condensation water pipe		inch	1.06	1.06	1.06	1.2
		mm	27	27	27	30
Dimension (W×D×H)	Outline	mm	1750×1100×815	2210×1450×1225	2810x2240x1245	2880×2240×1270
	Package	mm	1760×1110×850	2220×1460×1250	2825x2255x1285	2893×2253×1290
Net Weight/Gross weight		kg	300/320	527/570	920/965	1157/1201
Loading quantity		set	26/39	8/16	4/8	4/8

Control System Lineup

Control system		Product series	Duct
Wired remote controller	Z4K351GJ		●
Wireless remote controller	YB1FA		○
Centralized controller	CE52-24/F(C)		○

Note: ● means standard, ○ means optional.



Air-cooled Packaged Unit

It is a kind of packaged air conditioner that can be installed on ground and widely used in villas, hotels, schools, supermarkets and factories.



YAP0F3 (optional)



High efficiency



Energy saving function



DC inverter technology



Compact design



Comprehensive protection



Wide voltage range

- DC inverter technology, comfortable and energy-saving.
- Side discharge casing, convenient for installation.
- Heat dissipation with refrigerant, reliable operation.
- Wide operation range (operating for cooling between -7℃ to 52℃, heating between -15℃ to 24℃).
- Voltage range for operation is wider, safe and reliable.
- Unique fan design for the optimal heat exchange.

Item	Nominal operating condition (temperature)				Operation range (temperature)
	Outdoor condition		Indoor condition		Outdoor condition
	DB ()	WB ()	DB ()	WB ()	DB ()
Cooling	35	24	27	19	(-7) ~52
Heating	7	6	20	15	(-15) ~24

Specifications

Model				RF28WPd/Na-M*	RF28WPd/Na-H*
Nominal Capacity	Cooling	Btu/h		95500	66000
		kW		28	19.3
	Heating	Btu/h		102000	102000
		kW		30	30
	EER / COP	W/W		2.43	3.29
T3 Capacity	Cooling	Btu/h		62100	62100
		kW		18.2	18.2
	EER	W/W		2.27	1.83
		Btu/h · W		7.76	6.25
Electrical Data	Power supply		V-Ph-Hz	380-415-3-50	400-3-60
	Power input	Cooling	kW	11.5	5.86
	Rated Power input		kW	15.4	15.4
	Input current	Cooling	A	20.5	9
	Rated current		A	24.6	24.6
	Max. Overcurrent Protection		A	25.0	25.0
	Min/Max Voltage	Min/Max Voltage (V)	V	342/456	340/440
	Power cord spec	Electrical Conduit Size (Inch)	mm²xpcs	2.5x5	2.5x5
	Type		-	R410A	R410A
	Charge		kg	8.00	8.00
Refrigerant	Throttling Method		-	electronic expansion valve	electronic expansion valve
Air Flow Volume			CFM	2354	2354
Outdoor quantity			m³/h	4000	4000
Indoor unit	Sound Pressure Level(H/M/L)		dB (A)	63/60/57	63/60/57
	Sound Power Level(H/M/L)		dB (A)	73/70/67	73/70/67
	System Operation Control		-	Display panel	Display panel
	Dimension (WxDxH)	Outline	mm	1200x400x1850	1200x400x1850
	Package		mm	1363x513x2013	1363x513x2013
Outdoor unit	Net Weight /Gross Weight		kg	129/141	133/145
	Sound Pressure Level		dB (A)	63	63
	Sound Power Level		dB (A)	73	73
	Dimension (WxDxH)	Outline	mm	940x460x1615	940x460x1615
	Package		mm	1033×573×1765	1033×573×1765
Loading quantity	Net Weight /Gross Weight		kg	158/172	182/197
	20"GP	40"GP	set	9	9
		40"GP	set	19	19
		40"HQ	set	19	19
Connection Pipe	Valve		-	Brazing Connection	Brazing Connection
	Length		m	7.5	7.5
	Gas additional charge		g/m	54	54
	Outer Diameter	Liquid Pipe	Inch	3/8	3/8
		Gas Pipe	Inch	7/8	7/8
	Max Distance	Height	m	30	30
		Length	m	50	50

Note: * This product model is under development. Please confirm the final specifications with sales representatives.

Award and Certification



ISO 9001 Quality System Certificate



ISO 14001 Environment Management System Certificate



ISO 18001 Occupation Healthy Safety System Certificate



Canadian CSA Certificate



German TÜV Certificate



3C Certificate



European Communities CE Certificate



American UL Certificate



Russian Safety Certificate



EQM



SASO Certificate



Mexico NOM Safety Certificate



German GS Certificate



European EMC Certificate



Argentina Safe Certificate



China EMC Certificate



Hongkong Energy-saving Certificate



Hongkong Safety Certificate



Australian SAA Safe Certificate



Australia SAA Certificate



CQC Certificate



America ETL Certificate



Canadian ETL Certificate



Thailand TIS Certificate