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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-1503-02



Distributor information

GREE
AIR CONDITIONER



Light Commercial
✔ U-match
✔ Duct Split Unit
T3, 50Hz/60Hz, R410a/R22

U-match Inverter Series

World Top Class Energy Efficiency

The EER(Cooling) for New GREE U-Match is more than 11.5 Btu/h.W, which can reach the highest stars(7 stars) as per SASO standard.



Star Rating	EER limits(Btu/h)/W at T1)
7 Stars(★★★★★★)	EER≥11.5
6 Stars(★★★★★)	EER≥10
5 Stars(★★★★)	9.5≤EER<10
4 Stars(★★★)	9≤EER<9.5
3(★★)	8.5≤EER<9
2(★)	7.5≤EER<8.5
1(★)	EER≤7.5

Remarks:As per SASO 2663-2012 standard

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.

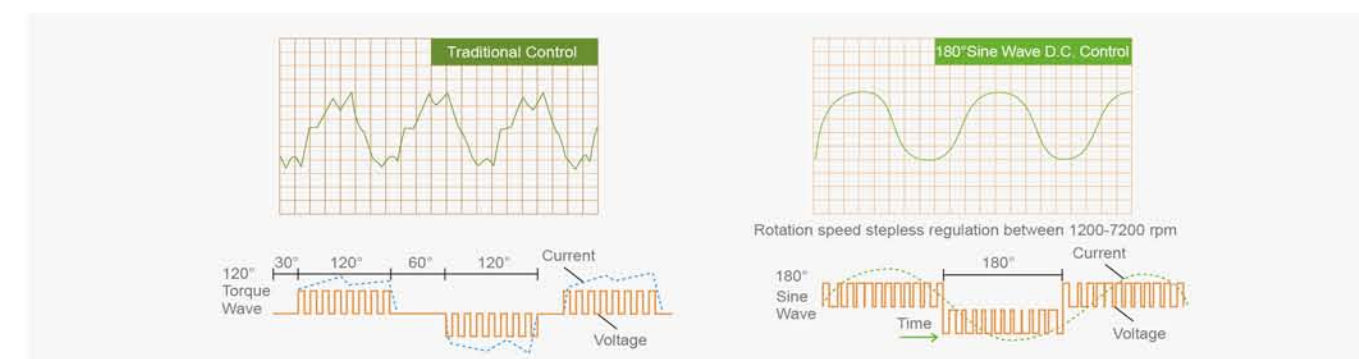


U-match

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.

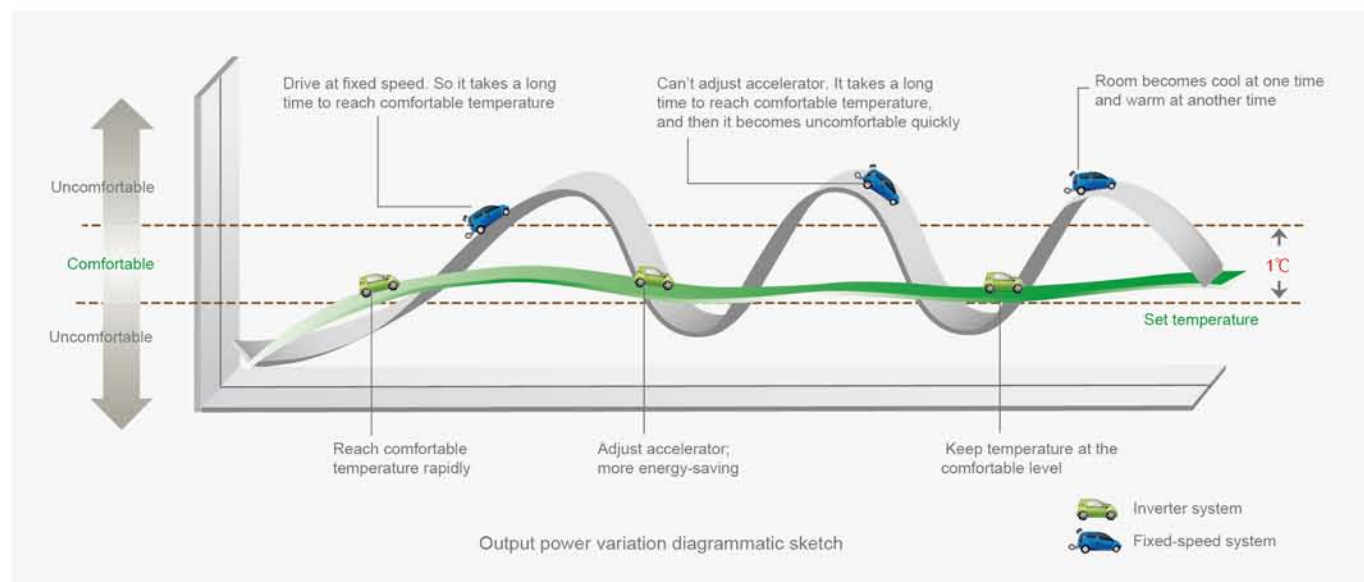
180° Sine Wave Technology

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

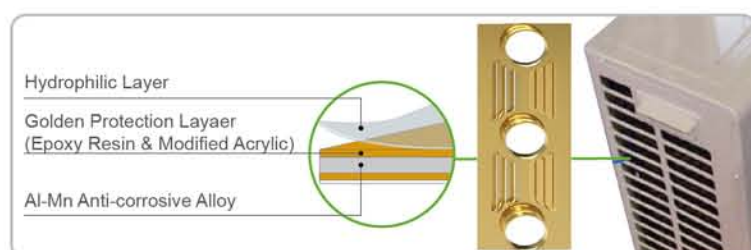
Inner-grooved High Efficiency Copper Tube

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

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

Healthy Filter (Optional)



Photocatalytic Filter

This filter is able to completely oxidize and degrade organic contaminants. It can effectively eliminate 99.9% of bacteria, viruses and unpleasant smell.



Catechin Filter

Catechin is extracted from green tea. It can effectively eliminate 95% of carcinogenic agents, such as staphylococcus, streptococcus, salmonella, etc.



Activated Carbon Filter

Activated carbon can effectively adsorb smoke, pet odors, and other unpleasant odors.



Silver Ion Filter

Silver ion is able to sterilize 99% of bacteria by suppressing proliferation of mold and bacteria and preventing the causes of unpleasant odors.



Multi-function Filter

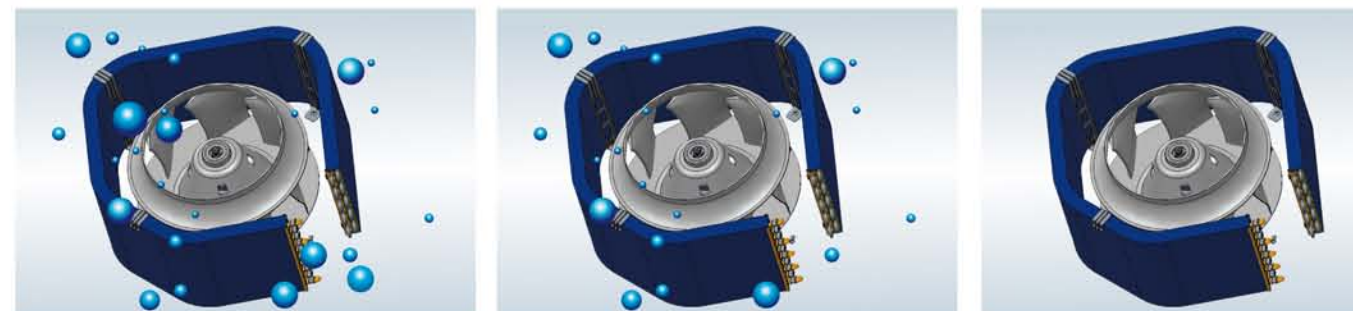
Combine 3 filters from 6 different types including acarobacterium filter, silver ion filter, catechin filter, chitin filter, formaldehyde beater filter and vitamin C filter to meet your various needs simultaneously.

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°C 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.

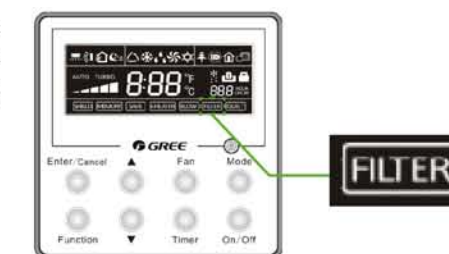
▶ All indoor units can be installed with Gree cold plasma generator optionally.

▶ 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

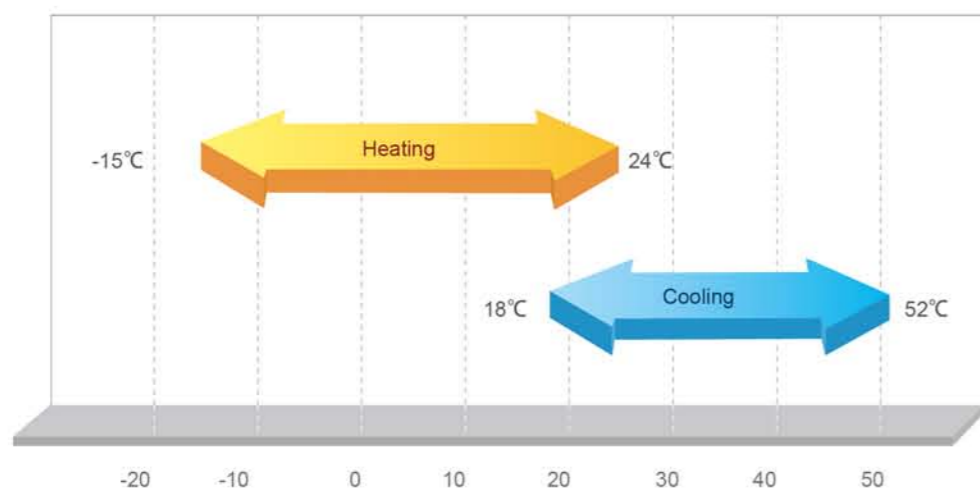
Intelligent Defrosting

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 condenser 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

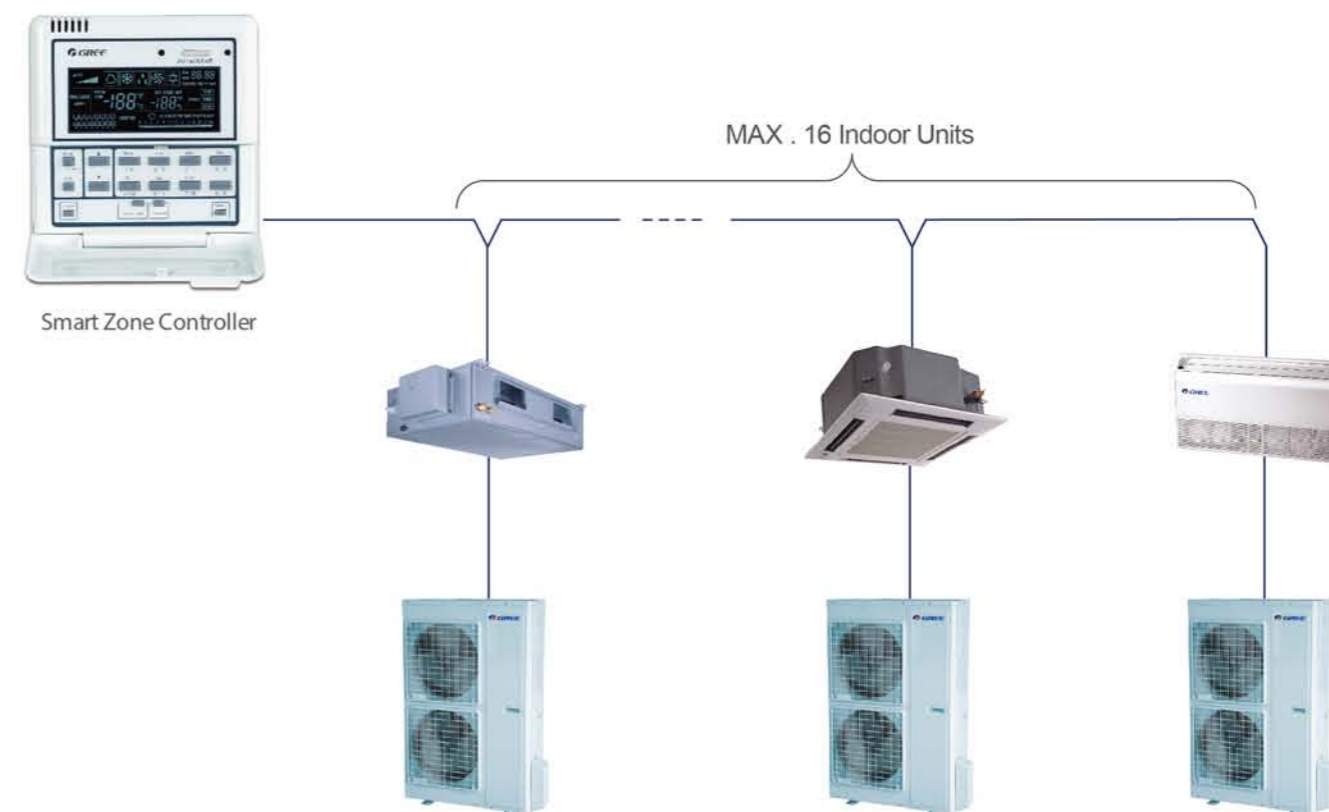


Optional



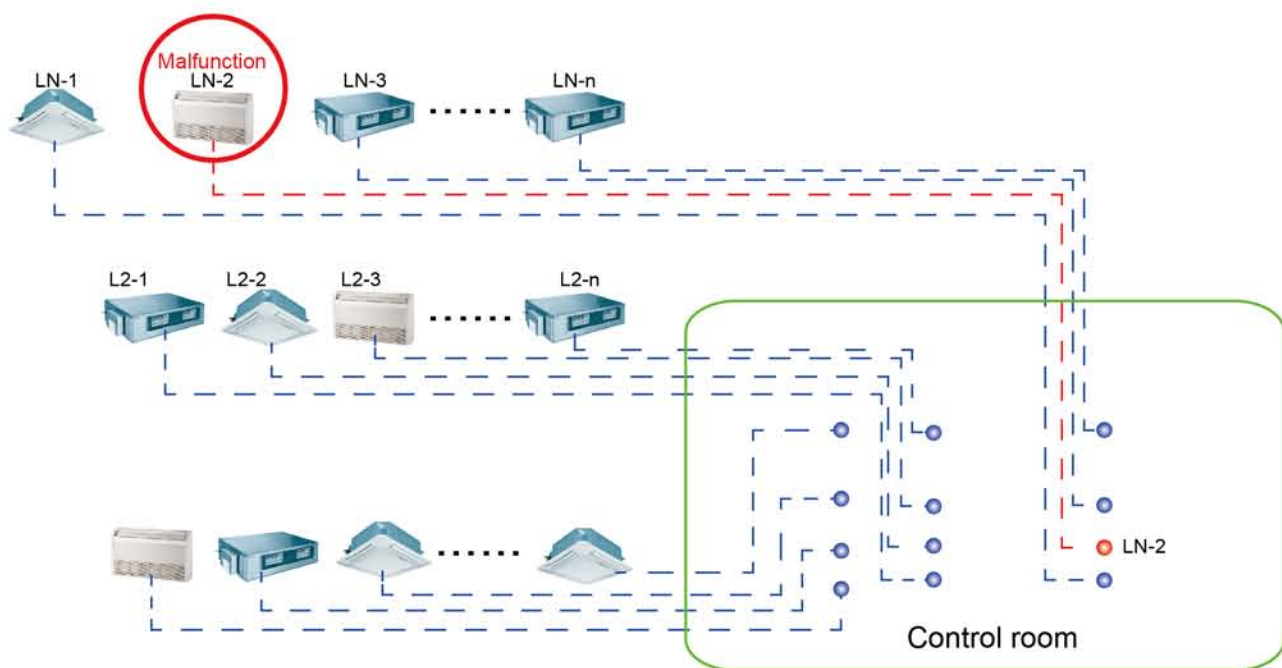
Centralized Control Function

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.



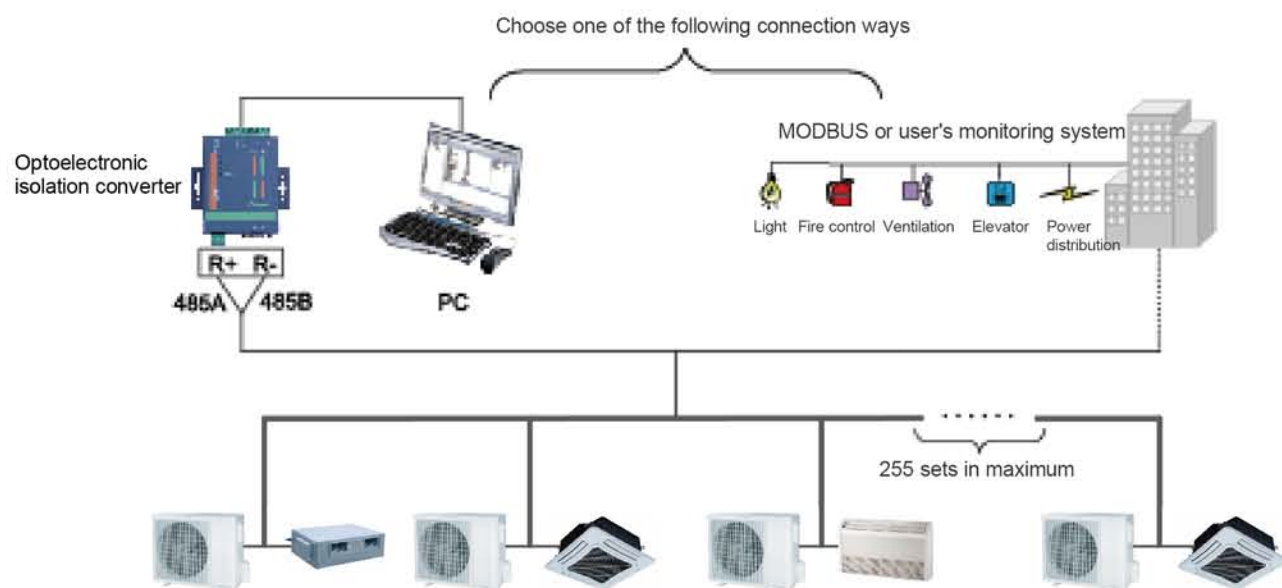
Malfunction Relay Output Function

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.



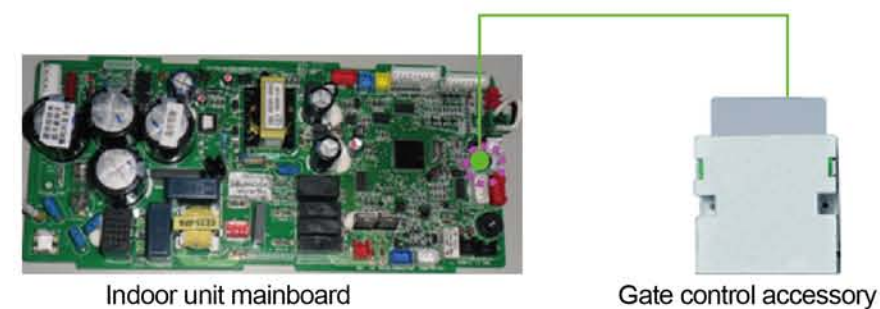
Non-polar Communication Wire

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.



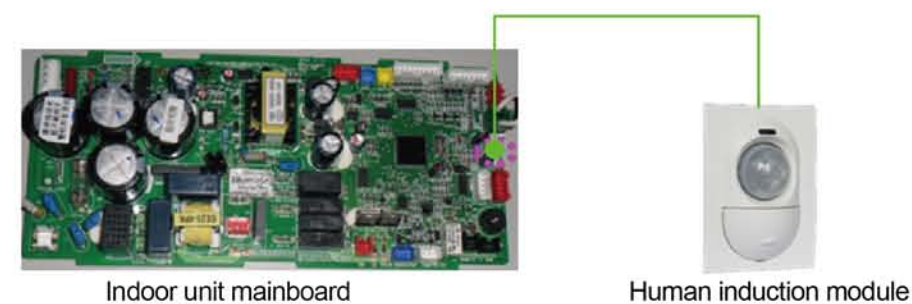
Gate Control Function (Optional)

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.



Motion Detect Sensor (Optional)

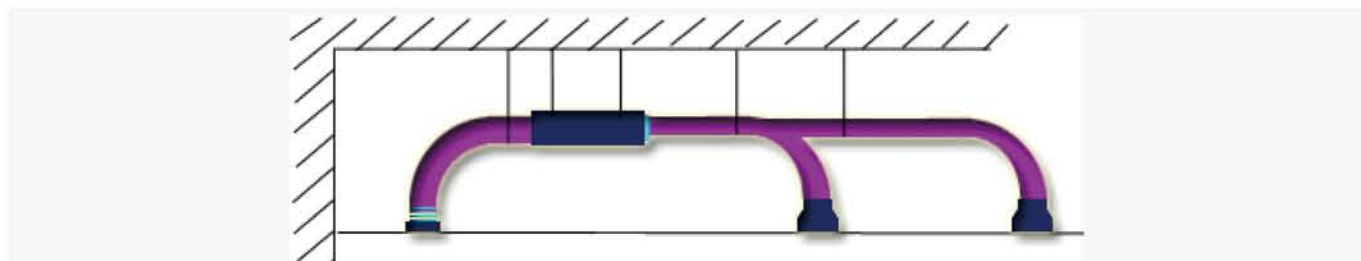
If this function is needed, please purchase the human induction module in the market. The unit is without this function when ex-factory and this function can be set through wired controller. When this function is activated and human induction module is connected, the unit will operate according to the previous setting if the unit detects that there is human in the room. If the unit has operated for a while and detects that there is nobody in the room, the unit will be turned off automatically and enter standby mode.



Indoor Introduction

Duct Type Indoor Unit

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



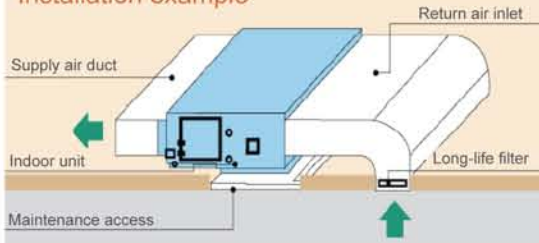
Adjustable Fan Speed

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.

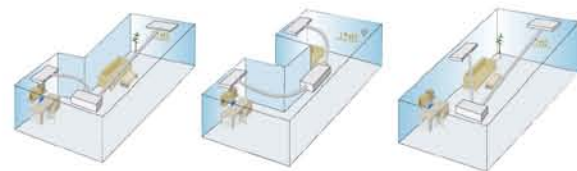
Highly Flexible Installation

Highly flexible installation is possible to satisfy various needs.

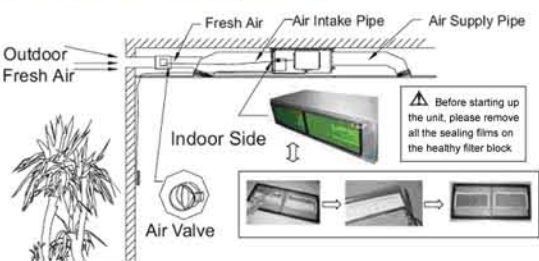
Installation example



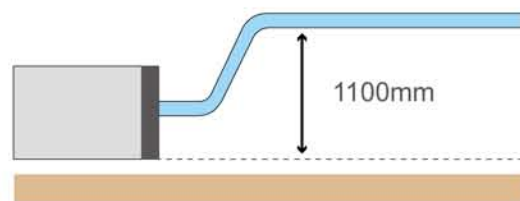
Flexible and easy to install in L shape, U shape and large rooms.



Fresh Air Control (optional)

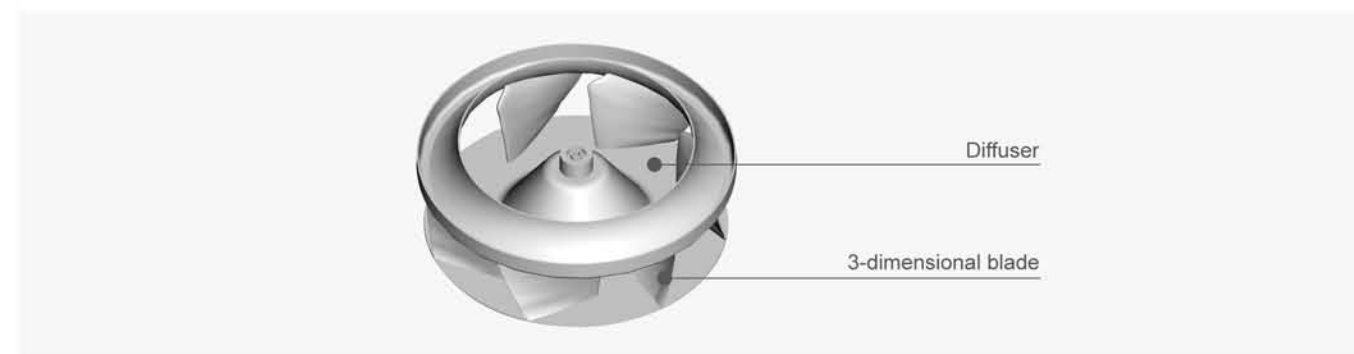


Drain Pump Lift (optional)



Cassette Type

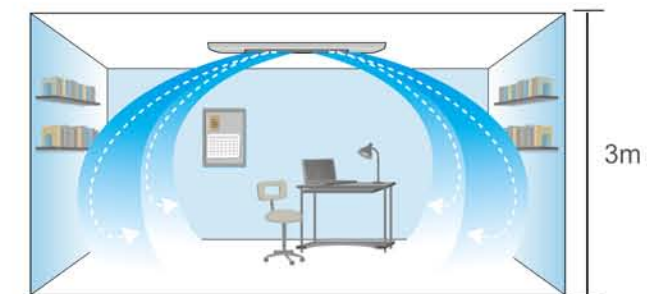
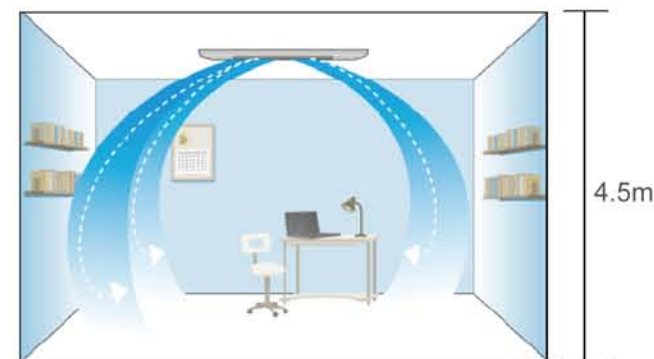
Low Noise with 3-dimensional Blade



High Ceiling Applications

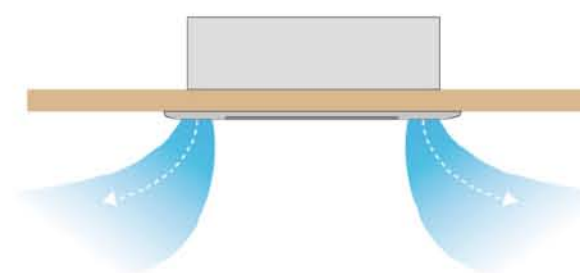
The 24K~48K units are applicable to the height below 4.5m

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



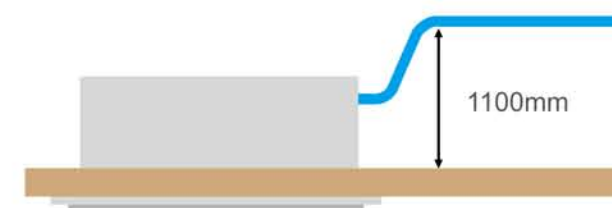
Comfortable Airflow

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



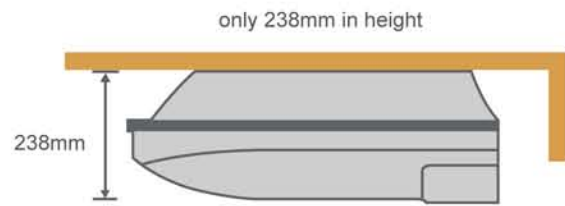
Water Drainage Pump

Drain pump fitted as standard with increased lift of 1100mm.



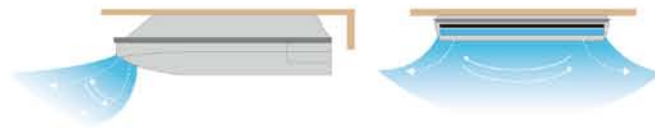
Floor Ceiling Type Indoor Unit

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

Product lineup

Capacity Index (BTU/h)	18K	24K	30K	36K	48K	60K	
Outdoor Unit	GUHD18TS3CO	GUHD24TS3CO	GUHD30TS3CO	GUHD36TS3CO	GUHD48TS3CO	GUHD60TS3CO	
Indoor Unit	Duct	GFH18TS3CI	GFH24TS3CI	GFH30TS3CI	GFH36TS3CI	GFH48TS3CI	GFH60TS3CI
	Cassette	GKH18TS3CI	GKH24TS3CI	GKH30TS3CI	GKH36TS3CI	GKH48TS3CI	GKH60TS3CI
	Floor Ceiling	GTH18TS3CI	GTH24TS3CI	GTH30TS3CI	GTH36TS3CI	GTH48TS3CI	GTH60TS3CI

Model	Outdoor unit		GUHD18TS3CO				
	Indoor unit		Duct	Duct with water pump	Cassette	Floor Ceiling	
			GFH18TS3CI	GFH18TS3CI-I	GKH18TS3CI	GTH18TS3CI	
Capacity	Cooling	kW	1.61-5.80	1.61-5.80	1.61-5.48	1.61-5.80	
		Btu/h	5500-19800	5500-19800	5500-18700	5500-19800	
	Heating	kW	1.40-6.80	1.40-6.80	1.40-6.50	1.40-6.80	
		Btu/h	4800-23200	4800-23200	4800-22200	4800-23200	
EER/COP		W/W	3.40/3.50	3.40/3.50	3.40/3.00	3.40/3.40	
Power supply		V-Hz-Ph	220-240-50/60-1	220-240-50/60-1	220-240-50/60-1	220-240-50/60-1	
Power input	Cooling / Heating	kW	1.47/1.6	1.47/1.6	1.17/1.83	1.47/1.74	
Input current	Cooling / Heating	A	6.60/7.80	6.60/7.20	5.30/8.30	6.60/7.80	
Refrigerant Charge		kg	1.4	1.4	1.4	1.4	
Indoor unit	Sound Pressure Level (H/M/L)*	dB (A)	40/39/38/28	40/39/38/28	47/46/44/37	44/42/38/32	
		CFM	589	589	447	589	
	Air Flow Volume(Rated EXP)	m ³ /h	1000	1000	760	1000	
		Rated	Pa / InWg	25/0.1	25/0.1	0	0
	External Static Pressure	Range	Pa	0-30	0-30	0	0
		InWg		0-0.12	0-0.12	0.00	0.00
Dimension (WxDxH)	Outline dimension	mm	1037×721×266	1037×721×266	596×596×240	1220×700×225	
	Package dimension	mm	1123×798×323	1123×798×323	773×733×300	1343×823×315	
Net Weight / Gross Weight		kg	33/38	33/38	20/25	39/49	
Panel	Outline dimension (WxDxH)	mm	-	-	670×670×50	-	
	Package dimension (WxDxH)	mm	-	-	763×763×105	-	
	Net Weight / Gross Weight	kg	-	-	3.5/5	-	
Outdoor unit	Sound Pressure Level	dB (A)	56	56	56	56	
		mm	955×396×700	955×396×700	955×396×700	955×396×700	
	Package dimension	mm	1029×458×750	1029×458×750	1029×458×750	1029×458×750	
Connection Pipe	Outer Diameter	Liquid Pipe	Inch(mm)	1/4(6.35)	1/4(6.35)	1/4(6.35)	1/4(6.35)
		Gas Pipe	Inch(mm)	1/2(12.7)	1/2(12.7)	1/2(12.7)	1/2(12.7)
Loading quantity	Max Distance	Height / Length	m	15/20	15/20	15/20	15/20
		40'GP/40'HQ	set	93/95	93/95	95/105	89/97



Model	Outdoor unit		GUHD24TS3CO						
	Indoor unit		Duct	Duct with water pump	Cassette	Floor Ceiling			
Capacity	Cooling	kW	GFH24TS3CI	GFH24TS3C1I	GKH24TS3CI	GTH24TS3CI			
			Heating	kW	Btu/h	2.20-8.50	2.20-8.50	2.40-8.50	2.40-8.20
Btu/h	7500-29000	7500-29000				8200-29000	8200-28000		
	EER/COP	W/W	3.40/3.50	3.40/3.50	3.53/3.90	3.40/3.20			
Power supply			V-Hz-Ph	220-240-50/60-1	220-240-50/60-1	220-240-50/60-1	220-240-50/60-1		
	Power input	Cooling / Heating		kW	2.03/2.31	2.03/2.31	2.11/2.34	1.98/2.50	
Input current			Cooling / Heating		A	9.10/10.40	9.10/10.40	9.50/10.50	8.90/11.30
	Refrigerant Charge	kg		2.4		2.4	2.4	2.4	
Indoor unit			Sound Pressure Level (H/M/L)*	dB (A)	47/46/44/40	47/46/44/40	49/48/45/40	49/48/46/40	
	Air Flow Volume(Rated EXP)	CFM			824	824	883	589	
			m³/h	1400	1400	1500	1000		
	External Static Pressure	Range		Pa / InWg	25/0.1	25/0.1	0	0	
			Pa		0-75	0-75	0	0	
	InWg	0-0.3		0-0.3	0.00	0.00			
		Dimension (WxDxH)	Outline dimension	mm	1279×558×268	1279×558×268	840×840×320	1220×700×225	
	Package dimension				mm	1348×597×283	1348×597×283	963×963×409	1343×823×315
		Net Weight / Gross Weight	kg	34/38		34/38	31/39	43/50	
	Panel			Outline dimension (WxDxH)	mm	-	-	950×950×60	-
Package dimension (WxDxH)		mm	-			-	1028×1043×130	-	
			Net Weight / Gross Weight			kg	-	-	7/11
Outdoor unit	Sound Pressure Level	dB (A)		57	57		57	57	
			Dimension (WxDxH)	Outline dimension	mm	980×427×790	980×427×790	980×427×790	980×427×790
						Package dimension	mm	1083×488×855	1083×488×855
Connection Pipe	Outer Diameter	Liquid Pipe	Inch(mm)	3/8(9.52)	3/8(9.52)			3/8(9.52)	3/8(9.52)
				Gas Pipe	Inch(mm)	5/8(15.87)	5/8(15.87)	5/8(15.87)	5/8(15.87)
						Max Distance	Height / Length	m	15/30
Loading quantity	40'GP/40'HQ	set	76/89	76/89	49/69				70/86



Model	Outdoor unit		GUHD30TS3CO						
	Indoor unit		Duct	Duct with water pump	Cassette	Floor Ceiling			
Capacity	Cooling	kW	GFH30TS3CI	GFH30TS3C1I	GKH30TS3CI	GTH30TS3CI			
			Heating	kW	Btu/h	2.40-8.70	2.40-8.70	2.60-9.20	2.60-9.20
Btu/h	8200-29700	8200-29700				8900-31400	8900-31400		
	EER/COP	W/W	3.43/3.80	3.43/3.80	3.43/3.80	3.43/3.80			
Power supply			V-Hz-Ph	220-240-50/60-1	220-240-50/60-1	220-240-50/60-1	220-240-50/60-1		
	Power input	Cooling / Heating		kW	2.30/2.51	2.30/2.51	2.30/2.60	2.33/2.60	
Input current			Cooling / Heating		A	10.40/11.30	10.40/11.30	10.40/11.70	10.50/11.70
	Refrigerant Charge	kg		2.4		2.4	2.4	2.4	
Indoor unit			Sound Pressure Level (H/M/L)*	dB (A)	40/39/36/28	53/52/48/44	49/48/45/40	49/46/44/38	
	Air Flow Volume(Rated EXP)	CFM			942	942	883	883	
			m³/h	1600	1600	1500	1500		
	External Static Pressure	Range		Pa / InWg	37/0.15	37/0.15	0	0	
			Pa		0-100	0-100	0	0	
	InWg	0-0.4		0-0.4	0.00	0.00			
		Dimension (WxDxH)	Outline dimension	mm	1226×775×290	1226×775×290	840×840×320	1420×700×245	
	Package dimension				mm	1338×877×305	1338×877×305	963×963×409	1548×828×345
		Net Weight / Gross Weight	kg	46/53		46/53	31/39	48/55	
	Panel			Outline dimension (WxDxH)	mm	-	-	950×950×60	-
Package dimension (WxDxH)		mm	-			-	1028×1043×130	-	
			Net Weight / Gross Weight			kg	-	-	7/11
Outdoor unit	Sound Pressure Level	dB (A)		58.00	58.00		58	58	
			Dimension (WxDxH)	Outline dimension	mm	980×427×790	980×427×790	980×427×790	980×427×790
						Package dimension	mm	1083×488×855	1083×488×855
Connection Pipe	Outer Diameter	Liquid Pipe	Inch(mm)	3/8(9.52)	3/8(9.52)			3/8(9.52)	3/8(9.52)
				Gas Pipe	Inch(mm)	5/8(15.87)	5/8(15.87)	5/8(15.87)	5/8(15.87)
						Max Distance	Height / Length	m	15/30
Loading quantity	40'GP/40'HQ	set	74/87	74/87	49/69				57/67



Model	Outdoor unit		GUHD36TS3CO						
	Indoor unit		Duct	Duct with water pump	Cassette	Floor Ceiling			
Capacity	Cooling	kW	GFH36TS3CI	GFH36TS3C1I	GKH36TS3CI	GTH36TS3CI			
			Heating	kW	Btu/h	3.20-11.50	3.20-11.50	3.20-11.50	3.20-11.50
Btu/h	10900-39200	10900-39200				10900-39200	10900-39200		
	EER/COP	W/W	3.41/3.55	3.41/3.55	3.41/3.55	3.41/3.90			
Power supply			V-Hz-Ph	220-240-50/60-1	220-240-50/60-1	220-240-50/60-1	220-240-50/60-1		
	Power input	Cooling / Heating		kW	2.76/3.00	2.76/3.00	2.76/2.94	2.76/3.03	
Input current			Cooling / Heating		A	12.40/13.50	12.40/13.50	12.40/13.20	12.40/13.60
	Refrigerant Charge	kg		3.5		3.5	3.5	3.5	
Indoor unit			Sound Pressure Level (H/M/L)*	dB (A)	53/52/48/44	53/52/48/44	51/49/46/43	54/53/51/46	
	Air Flow Volume(Rated EXP)	CFM			1059	1059	1000	1000	
			m³/h	1800	1800	1700	1700		
	External Static Pressure	Range		Pa / InWg	37/0.15	37/0.15	0	0	
			Pa		0-100	0-100	0	0	
	InWg	0-0.4		0-0.4	0.00	0.00			
		Dimension (WxDxH)	Outline dimension	mm	1226×775×290	1226×775×290	840×840×320	1420×700×245	
	Package dimension				mm	1338×877×305	1338×877×305	963×963×409	1548×828×345
		Net Weight / Gross Weight	kg	46/53		46/53	31/39	48/54	
	Panel			Outline dimension (WxDxH)	mm	-	-	950×950×60	-
Package dimension (WxDxH)		mm	-			-	1028×1043×130	-	
			Net Weight / Gross Weight			kg	-	-	7/11
Outdoor unit	Sound Pressure Level	dB (A)		63	63		63	63	
			Dimension (WxDxH)	Outline dimension	mm	1107×440×1100	1107×440×1100	1107×440×1100	1107×440×1100
						Package dimension	mm	1158×493×1235	1158×493×1235
Connection Pipe	Outer Diameter	Liquid Pipe	Inch(mm)	3/8(9.52)	3/8(9.52)			3/8(9.52)	3/8(9.52)
				Gas Pipe	Inch(mm)	5/8(15.87)	5/8(15.87)	5/8(15.87)	5/8(15.87)
						Max Distance	Height / Length	m	15/30
Loading quantity	40'GP/40'HQ	set	45/60	45/60	43/50				45/56



Model	Outdoor unit		GUHD48TS3CO						
	Indoor unit		Duct	Duct with water pump	Cassette	Floor Ceiling			
Capacity	Cooling	kW	GFH48TS3CI	GFH48TS3C1I	GKH48TS3CI	GTH48TS3CI			
			Heating	kW	Btu/h	6.0-14.5	6.0-14.5	6-14.8	16-14.8
Btu/h	20500-49500	20500-49500				20500-50500	20500-50500		
	EER/COP	W/W	3.55/3.50	3.55/3.50	3.43/3.40	3.43/3.65			
Power supply			V-Hz-Ph	220-240-50/60-1	220-240-50/60-1	220-240-50/60-1	220-240-50/60-1		
	Power input	Cooling / Heating		kW	4.05/4.2	4.05/4.2	3.63/4.44	4.03/4.76	
Input current			Cooling / Heating		A	18.20/18.90	18.20/18.90	13.36/20.00	18.10/21.40
	Refrigerant Charge	kg		5.5		5.5	5.5	5.5	
Indoor unit			Sound Pressure Level (H/M/L)*	dB (A)	57/56/54/49	57/56/54/49	55/53/47/41	58/56/52/46	
	Air Flow Volume(Rated EXP)	CFM			1707	1707	1206	1206	
			m³/h	2900	2900	2050	2050		
	External Static Pressure	Range		Pa / InWg	50/0.2	50/0.2	0	0	
			Pa		0-150	0-150	0	0	
	InWg	0-0.6		0-0.6	0.00	0.00			
		Dimension (WxDxH)	Outline dimension	mm	1340×750×350	1340×750×350	910×910×290	1700×700×245	
	Package dimension				mm	1423×837×455	1423×837×455	1023×993×375	1828×828×345
		Net Weight / Gross Weight	kg	56/69		56/69	43/52	59/65	
	Panel			Outline dimension (WxDxH)	mm	-	-	1040×1040×65	-
Package dimension (WxDxH)		mm	-			-	1137×1137×140	-	
			Net Weight / Gross Weight			kg	-	-	8/12
Outdoor unit	Sound Pressure Level	dB (A)		63	63		63	63	
			Dimension (WxDxH)	Outline dimension	mm	1085×427×1365	1085×427×1365	1085×427×1365	1085×427×1365
						Package dimension	mm	1143×478×1505	1143×478×1505
Connection Pipe	Outer Diameter	Liquid Pipe	Inch(mm)	3/8(9.52)	3/8(9.52)			3/8(9.52)	3/8(9.52)
				Gas Pipe	Inch(mm)	3/4(19.05)	3/4(19.05)	3/4(19.05)	3/4(19.05)
						Max Distance	Height / Length	m	30/50
Loading quantity	40'GP/40'HQ	set	37/44	37/44	40/48				38/46



Model	Outdoor unit		GUHD60TS3CO				
	Indoor unit		Duct	Duct with water pump	Cassette	Floor Ceiling	
Capacity	Cooling	kW	6.74-17.50	6.74-17.50	6.51-16.51	6.36-16.51	
		Btu/h	23200-59700	23200-59700	22200-56300	21700-56300	
	Heating	kW	5.30-18.80	5.30-18.80	5.20-20.00	5.50-20.00	
		Btu/h	18100-64100	18100-64100	17700-68200	18800-68200	
EER/COP	V-W	3.44/3.85	3.44/3.85	3.40/3.40	3.43/3.70		
Power supply	V-Hz-Ph	220-240-50/60-1	220-240-50/60-1	220-240-50/60-1	220-240-50/60-1		
Power input	Cooling / Heating	kW	4.57/4.71	4.57/4.71	3.90/4.62	4.18/4.79	
Input current	Cooling / Heating	A	20.50/21.20	20.50/21.20	17.50/20.20	18.80/21.50	
Refrigerant Charge		kg	5.5	5.5	5.5	5.5	
Indoor unit	Sound Pressure Level (H/M/L)*	dB (A)	55/53/52/49	55/53/52/49	55/53.00/47/41	58/56.00/52/46	
		CFM	1883	1883	1354	1354	
	Air Flow Volume(Rated EXP)	m³/h	3200	3200	2300	2300	
		Pa / InWg	50/0.2	50/0.2	0	0	
	External Static Pressure	Pa	0-150	0-150	0	0	
		InWg	0-0.6	0-0.6	0.00	0.00	
	Dimension (WxDxH)	Outline dimension	mm	1497×799×389	1497×799×389	910×910×290	1700×700×245
Package dimension		mm	1578×883×400	1578×883×400	1023×993×375	1828×828×345	
Net Weight / Gross Weight		kg	79/107	79/107	43/52	59/65	
Panel	Outline dimension (WxDxH)	mm	-	-	1040×1040×65	-	
		mm	-	-	1137×1137×140	-	
	Net Weight / Gross Weight	kg	-	-	8/12	-	
		dB (A)	63	63	63	63	
Outdoor unit	Dimension (WxDxH)	Outline dimension	mm	1085×427×1365	1085×427×1365	1085×427×1365	1085×427×1365
		Package dimension	mm	1143×478×1505	1143×478×1505	1143×478×1505	1143×478×1505
	Net Weight / Gross Weight	kg	120/130	120/130	120/130	120/130	
		Liquid Pipe	Inch(mm)	3/8(9.52)	3/8(9.52)	3/8(9.52)	3/8(9.52)
Connection Pipe	Gas Pipe	Inch(mm)	3/4(19.05)	3/4(19.05)	3/4(19.05)	3/4(19.05)	
	Max Distance	Height / Length	m	30/50	30/50	30/50	
Loading quantity	40'GP/40'HQ	set	34/37	34/37	40/48	38/46	

Control System Lineup

Controlling system	Product series	Image	Duct type	Cassette type	Floor ceiling type
Wireless remote controller	YB1FA		○	●	●
	YV1FB7F		○	○	○
	YV1FB7		○	○	○
	YB1FAF		○	○	○
	YAM1F		○	○	○
	YAM1FF		○	○	○
Wired controller	Z4K351J		●	○	○
	Z4K351CJ		○	○	○

Note:
● means standard, ○ means optional.

