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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-1710-01



Distributor information

U-Match

► [EU]
50/60Hz, R32

MADE IN CHINA LOVED BY THE WORLD

Gree Electric Appliances Inc. of Zhuhai, founded in 1991, is the world's largest air conditioner enterprise integrating R&D, manufacturing, marketing and service.

- Since 2005, Gree has topped No.1 in production and sales volume of residential air conditioners for 12 consecutive years.
- 2015, GREE's sales revenue exceeded 15.08 billion USD.
- 2016, Sales revenue exceeded 16.51 billion USD.
- 2017, Gree entered into the world's top 500 public companies , ranking No.364 in Forbes Global 2000 and No.1 in household appliances industry section.

Gree has paid tax up to 12.21 billion USD in total, being No.1 in terms of tax payment in China home appliances industry for 15 consecutive years.

Thanks to 300 million user's choices, Gree products are sold widely in more than 200 countries and regions. Today Gree's annual production capacity of RAC and CAC are more than 60 million sets and 5.5 million sets respectively.

Action makes the future and innovation makes achievement. Looking forward, Gree will firmly persist in the business philosophy of passion, innovation and realization. We aim to build a century's standing air conditioning enterprise, to create a better life for human.

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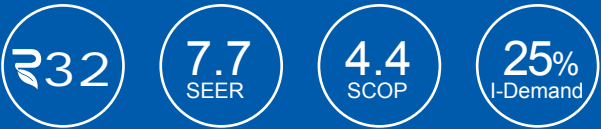


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WHY ?

Choose GREE U-Match

- 1 Adopt Eco-friendly Refrigerant R32
- 2 High Energy Efficiency, Economic
- 3 Complete Product Lineup
- 4 Wide Operation Range
- 5 Highly Comfortable
- 6 Smart Convenient Control
- 7 Easy Installation and Maintenance
- 8 Highly Reliable
- 9 User-friendly Design



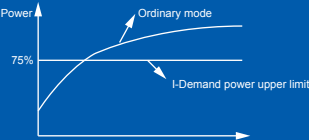
1 Adopt Eco-friendly Refrigerant R32

- GWP of R32 is 68% lower than that of R410A.
- Charging quantity is reduced by 30% compared to R410A.



2 High Energy Efficiency Economic

- SEER in cooling is up to 7.7.
- SCOP in heating is up to 4.4.
- Power consumption in standby status is only 1W.
- I-Demand function, saving 25% of power



3 Complete Product Lineup

Cooling Capacity 1*	Duct Type	Cassette Type	Floor/Ceiling type	Wall Mounted 2*	Floor Standing 3*
35	✓	✓	✓		
50	✓	✓	✓		
71	✓	✓	✓	✓	✓
85	✓	✓	✓		
100	✓	✓	✓	✓	✓
125	✓	✓	✓		✓
140	✓	✓	✓		✓
160	✓	✓	✓		

1*: We have single-phase/3-phase outdoor units for cooling capacity of 100, 125, and 140.
2*, 3*: Under Development.

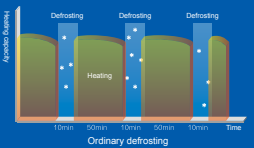
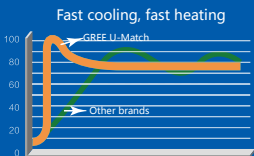
4 Wide Operation Range

- Operation Range for Cooling: -20°C (DB) ~ 52°C (DB)
- Operation Range for Heating: -20°C (DB) ~ 24°C (DB)



5 Highly Comfortable

- Compressor regulates the running frequency intelligently. When the difference between room temperature and the set temperature is large, compressor will be running in high frequency; when the difference is small, compressor will be running in low frequency. With accurate temperature control, it provides users with highly comfortable experience.
- It is capable of fast cooling, fast heating, and can reach user's set temperature quickly.
- Quiet design
Both indoor and outdoor units can be running quietly, leaving no noise interference to neighbors while providing you with quiet and comfortable environment.
- Sleep Mode means the unit will enter sleep control logic, providing users with comfortable sleeping temperature.
- I Feel Function can enable the unit to sense the actual temperature around the user.
- Double temperature sensors are available for air return (wired controller is needed). User can select the location of air return temperature sensor for more accurate sensing of room temperature and higher comfort degree.
- Gree Intelligent Defrosting Technology enables the unit to correctly judge the frost of outdoor unit through temperature sensor. "Defrost what is frosted." Heating effect is enhanced, for a comfortable room.
- Cold air prevention allows the unit to control the start of indoor fan and air swing angle intelligently to prevent cold air blowing toward people when heating is turned on.



WHY

Choose

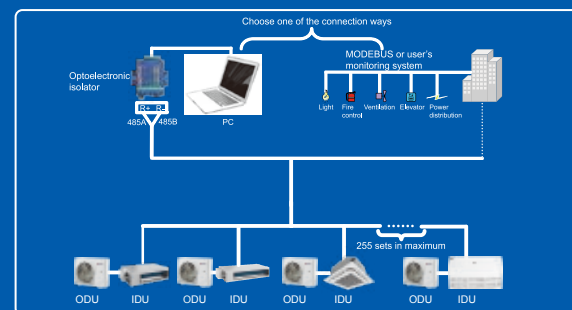
GREE U-Match?

6 Smart Convenient Control

- Smart APP control

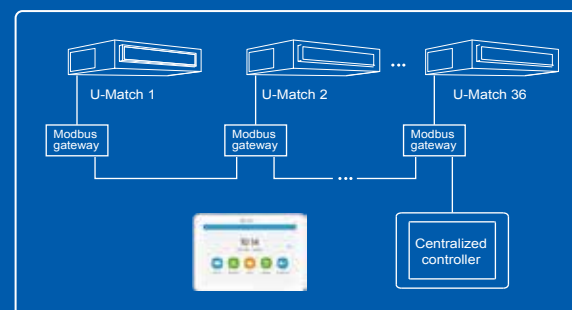


- Long-distance control



- Centralized control

Model: CE52-24/F(C)
Dimension (H*W*D): 128.2mm *185.2mm*54mm
Centralized control is realized for 36 indoor units in maximum.
Basic control includes On/Off, mode, fan speed, temperature, etc.
MODBUS gateway has to be used.



7 Easy Installation and Maintenance

- One to more: one outdoor unit can be connected to 2, 3 or 4 sets of indoor units of the same cooling capacity and the same type..
- The height of outdoor unit with a single fan is below 820mm.

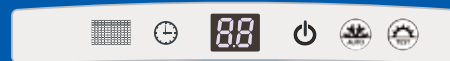


- Less weight, more compact in structure, the maximum cooling capacity of outdoor unit with a single fan can reach 14kw.

- Air return filter cleaning reminding is designed to remind user to clean filter when the time is up. User can set different reminding time based on different installation condition.



- Malfunction self-diagnosis, dual-8 tube display, clear display of unit information.



Dual-8 light board of cassette type unit



Dual-8 light board of floor/ceiling unit

- System parameters inquiry: user can inquire parameters of sensors through the wired controller, which is convenient for maintenance.

- Historical errors inquiry: user can inquire historical errors through the wired controller to locate the error quickly.

- Refrigerant recovery mode: if malfunction occurs to indoor unit, outdoor unit can turn on the refrigerant recovery mode to reclaim the refrigerant. This is to reduce the harm of refrigerant leak and save the cost of refrigerant charging.

- Compulsory operation mode: after the unit is installed, it can quickly check the operation whether it is normal.

- Compulsory defrosting: user can set defrosting manually, for the convenience of maintenance.

- Re-use of connection pipes: old engineering pipes can be re-used for the convenience of installation, saving time and material cost.

8 Highly Reliable

- The longest connection pipe can be 75m's long.
- The biggest drop difference is 30m.
- Dual unit backup function: when one unit breaks down, the backup unit can start operation at once; when one unit cannot afford the demand, the backup unit can start working to supplement the output.
- Chassis defrost: chassis with electric heating belt is optional for users to deal with the problem of chassis frost in extreme climate.



- Multiple defrosting modes are preset so that the unit can be frost-free even under bad installation condition.
- Low-temperature drying: reliable drying under 12 C

9 User-friendly Design

- 8 C heating: in winter, if you are outside, the unit can maintain room temperature at 8 C , to care for your pets and plants.

- Power-off memory function: in case of power failure, unit can remember the operating condition and restore the previous operating condition when power is resumed.

- Temperature can be set in auto mode.




- Timer mode is for users to preset the time for unit On/Off.








- Ambient temperature inquiry: user can inquire indoor ambient temperature, outdoor ambient temperature and the set temperature through wired controller or remote controller.

1 U-Match 5

System	Type	Launching Time	Model Designation	35	50	71	85
Air cooled	Heat pump	Feb 2018	GUD**W/NhA-T				
System	Type	Launching Time	Model Designation	100	125	140	160
Air cooled	Heat pump	Jan 2018	GUD**W/NhA-T				-
Air cooled	Heat pump	Feb 2018	GUD**W/NhA-X				

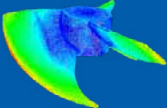
2 U-Match 5 PLUS

System	Type	Launching Time	Model Designation	50	71	85
Air cooled	Heat pump	May 2018	GUD**W/ NhA1-T			

System	Type	Launching Time	Model Designation	100	125	140	160
Air cooled	Heat pump	May 2018	GUD**W/ NhA1-T				-
Air cooled	Heat pump	May 2018	GUD**W/ NhA1-X				

Detailed Information of Outdoor Models

3 Detailed Information of Outdoor Models

- SEER in cooling is up to A++, and SEER in heating is up to A+.
 - Compressor intelligent frequency regulation, accurate temperature control.
 - Reliable cooling and heating at -20℃.
 - The maximum length of connection pipe is 75m and the biggest drop difference is 30m.
 - One connected to two, three or four.
 - Efficient noise reduction axial flow fan.
- 
- It is capable of fast cooling, fast heating, and can reach user's set temperature quickly.
 - Gree Intelligent Defrosting Technology enables the unit to correctly judge the frost of outdoor unit through temperature sensor. "Defrost what is frosted." Heating effect is enhanced, for a comfortable room.
 - Dual unit backup function: when one unit breaks down, the backup unit can start operation at once; when one unit cannot afford the demand, the backup unit can start working to supplement the output.
 - Chassis defrost: chassis with electric heating belt is optional for users to deal with the problem of chassis frost in extreme climate.

Combination relation in case of one connected to more:

	GUD**T/A-T, GUD**P/A-T, GUD**PS/A-T, GUD**PH/A-T, GUD**PHS/A-T, GUD**ZD/A-T							
Cooling Capacity	35	50	71	85	100	125	140	160
GUD71W/NhA-T GUD71W/NhA1-T	2		1					
GUD85W/NhA-T GUD85W/NhA1-T	2			1				
GUD100W/NhA-T GUD100W/NhA-X GUD100W/NhA1-T GUD100W/NhA1-X	3	2			1			
GUD125W/NhA-T GUD125W/NhA-X GUD125W/NhA1-T GUD125W/NhA1-X	4	3	2			1		
GUD140W/NhA-T GUD140W/NhA-X GUD140W/NhA1-T GUD140W/NhA1-X	4	3	2				1	
GUD160W/NhA-X GUD160W/NhA1-X	4	3						1

Note: if one outdoor unit is to be connected with multiple indoor units, the indoor units must have the same cooling capacity and are of the same type.

Preview of Outdoor Models

Detailed Information

of Outdoor Models

Parameters of Outdoor Units

GUD**W/NhA-T		35	50	71	85
Unit dimension (H×W×D)	mm	596×818×302	596×818×302	698×892×340	790×920×370
Weight	kg	39	39	52	67
Sound pressure level noise	dB(A)	50	51	56	58
Sound power level noise	dB(A)	61	62	67	69
Operation range for cooling	℃	-20℃ ~52℃			
Operation range for heating	℃	-20℃ ~24℃			
Refrigerant	Type	R32			
	Charging volume	kg	0.78	1.0	1.8
The longest connection pipe	m	30	35	50	50
Biggest drop between indoor unit and outdoor unit	m	15	20	25	25
Power	-	220-240V/50Hz/1ph,208-230V/60Hz/1ph			

Note: Products are under development. Parameters may be changed, please refer to the actual products.

GUD**W/NhA-T		100	125	140
Unit dimension (H×W×D)	mm	820×940×460	820×940×460	820×940×460
Weight	kg	96	98	100
Sound pressure level noise	dB(A)	56	57	57
Sound power level noise	dB(A)	67	68	68
Operation range for cooling	℃	-20℃ ~52℃		
Operation range for heating	℃	-20℃ ~24℃		
Refrigerant	Type	R32		
	Charging volume	kg	2.5	2.8
The longest connection pipe		65	75	75
Biggest drop between indoor unit and outdoor unit		30	30	30
Power		220-240V/50Hz/1ph,208-230V/60Hz/1ph		

Note: Products are under development. Parameters may be changed, please refer to the actual products.

GUD**W/NhA-X		100	125	140	160
Unit dimension (H×W×D)	mm	820×940×460	820×940×460	820×940×460	1345×900×340
Weight	kg	96	98	100	120
Sound pressure level noise	dB(A)	56	57	57	59
Sound power level noise	dB(A)	67	68	68	70
Operation range for cooling	℃	-20℃ ~52℃			
Operation range for heating	℃	-20℃ ~24℃			
Refrigerant	Type	R32			
	Charging volume	Kg	2.5	2.65	3.6
The longest connection pipe		65	75	75	75
Biggest drop between indoor unit and outdoor unit		30	30	30	30
Power		380-415/50Hz,60Hz/3ph			

Note: Products are under development. Parameters may be changed, please refer to the actual products.

GUD**W/NhA1-T		50	71	85
Unit dimension (H×W×D)	mm	698×892×340	790×920×370	820×940×460
Weight	kg	50	65	94
Sound pressure level noise	dB(A)	48	53	55
Sound power level noise	dB(A)	59	64	66
Operation range for cooling	℃	-20℃ ~52℃		
Operation range for heating	℃	-20℃ ~24℃		
Refrigerant	Type	R32		
	Charging volume	kg	1.6	2.5
The longest connection pipe	m	35	50	50
Biggest drop between indoor unit and outdoor unit	m	20	25	25
Power	-	220-240V/50Hz/1ph,208-230V/60Hz/1ph		

Note: Products are under development. Parameters may be changed, please refer to the actual products.

GUD**W/NhA1-T		100	125	140
Unit dimension (H×W×D)	mm	1430×940×320	1430×940×320	1430×940×320
Weight	kg	120	120	120
Sound pressure level noise	dB(A)	53	54	54
Sound power level noise	dB(A)	64	65	65
Operation range for cooling	℃	-20℃ ~52℃		
Operation range for heating	℃	-20℃ ~24℃		
Refrigerant	Type	R32		
	Charging volume	kg	2.7	3.0
The longest connection pipe	m	65	75	75
Biggest drop between indoor unit and outdoor unit	m	30	30	30
Power	-	220-240V/50Hz/1ph,208-230V/60Hz/1ph		

Note: Products are under development. Parameters may be changed, please refer to the actual products.

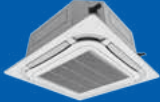








GUD**W/NhA1-X		100	125	140	160
Unit dimension (H×W×D)	mm	1430*940*320	1430*940*320	1430*940*320	1430*940*320
Weight	kg	120	120	120	120
Sound pressure level noise	dB(A)	53	54	54	56
Sound power level noise	dB(A)	64	65	65	67
Operation range for cooling	℃	-20℃ ~52℃			
Operation range for heating	℃	-20℃ ~24℃			
Refrigerant	Type	R32			
	Charging volume	Kg	2.7	3.0	3.6
The longest connection pipe		65	75	75	75
Biggest drop between indoor unit and outdoor unit		30	30	30	30
Power		380-415V/50Hz,60Hz/1ph			

Note: Products are under development. Parameters may be changed, please refer to the actual products.

Preview

of Indoor Models

Preview of Indoor Models

Type	Launching Time	Features	Model	Picture	Page	35	50	71	85	100	125	140	160
Cassette Type	Jan 2018	360° air outflow, swing panel independent control	GUD**T/A-T					✓	✓	✓	✓	✓	✓
	Mar 2018	360° air outflow, perfect match with the ceiling	GUD**T/A-T			✓	✓						
Duct Type	Jan 2018	Super thin, quiet, air swing panel	GUD**P/A-T			✓	✓	✓	✓				
	Jan 2018	Super thin, quiet, air swing panel, water pump	GUD**PS/A-T			✓	✓	✓	✓				
	Jan 2018	High static pressure	GUD**PH/A-T							✓	✓	✓	✓
	Jan 2018	High static pressure, water pump	GUD**PHS/A-T							✓	✓	✓	✓
Floor Ceiling Type	Jan 2018	Floor Ceiling	GUD**ZD/A-T			✓	✓	✓	✓	✓	✓	✓	✓
Wall-mounted Type	May 2018	Wall mounted	GUD**G/A-T					✓		✓			
Floor-standing unit	May 2018	Floor standing	GUD**L/A-T					✓		✓	✓	✓	

Functions of Indoor Units

	Function	Description	Duct Type	Cassette Type	Floor/Ceiling Type
Comfort	Fast cooling, fast heating	If room temperature varies a lot from the set temperature when the unit is turned on, fast cooling or fast heating will be enabled.	✓	✓	✓
	Smart sensor	Detect people condition in the room to realize smart control over the air conditioner		✓	
	Quiet mode	Both indoor and outdoor units can be running in quiet mode, avoid bothering neighbors while providing users with comfort	✓	✓	✓
	Sleep mode	The unit can enter sleep control logic to provide users with comfortable sleeping temperature.	✓	✓	✓
	I-FEEL	Accurately sense the temperature around the user	✓	✓	✓
	Cold air prevention	When heating mode is turned on, the unit can control indoor fan and air swing angle intelligently to prevent cold air blowing toward people	✓	✓	✓
	Double temperature sensors for air return	User can select the location of air return temperature sensor so that the unit can accurately sense room temperature and improve the comfort degree (Wired controller is necessary).	✓	✓	✓
	Intelligent defrosting	Gree Intelligent Defrosting Technology enables the unit to correctly judge the frost of outdoor unit through temperature sensor. “Defrost what is frosted.” Heating effect is enhanced, for a comfortable room	✓	✓	✓
Air flow distribution	Auto mode	Automatically switch between cooling mode and heating mode to realize the set temperature	✓	✓	✓
	Swing panel independent control	For cassette type unit, swing angle of each swing panel can be controlled independently to satisfy different demands for installation space and angles (exclude compact cassette type unit)		✓	
	Filter cleaning reminder	User can set different reminding time based on different installation condition. When time is up, the unit will remind user to clean the filter.	✓	✓	✓
	360° air outflow	Room temperature is more balanced		✓	
	Swing panel of duct type unit	User can control air flow direction to enjoy more balanced temperature (For ultrathin duct type unit only)	✓		
	Auto air swing	Swing panel can realize auto air swing (This function is available in ultrathin duct type unit, cassette type unit and floor/ceiling unit.)	✓	✓	✓
	Fixed air swing	Swing angle can be fixed according to user needs (This function is available in ultrathin duct type unit, cassette type unit and floor/ceiling unit.)	✓	✓	✓
	Fan speed regulation	Indoor unit has multiple kinds of fan speed, to satisfy different air volume demand	✓	✓	✓
	Auto fan speed	The unit can select fan speed automatically based on the set temperature	✓	✓	✓
	Turbo fan speed	Turbo fan speed, to satisfy large air volume demand	✓	✓	✓
Drying mode	Multiple modes of static pressure	By adjusting the mode of static pressure, the unit can cope with different engineering requirements.	✓		
	Drying mode	The unit can run in drying mode.	✓	✓	✓
	Low temperature drying	Reliable drying at 12℃	✓	✓	✓
Energy saving	I-Demand	After I-Demand mode is set, the unit can save 25% of power.	✓	✓	✓
	1W standby	Power consumption in standby status is only 1W	✓	✓	✓

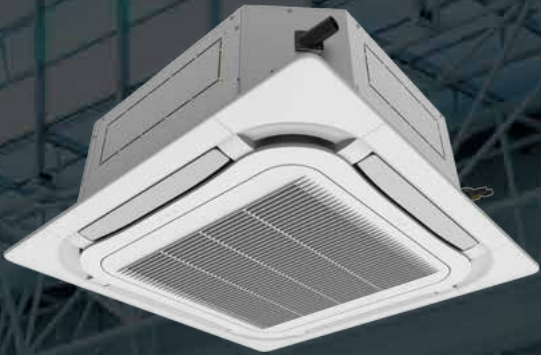
Functions

of Indoor Units

Preview of Indoor Models

	Function	Description	Duct Type	Cassette Type	Floor/Ceiling Type
Smart control	WIFI & APP	User can control the unit easily through an APP in a smart phone.	✓	✓	✓
	Centralized control	Centralized control is realized for 36 indoor units in maximum. Basic controls include: On/Off, mode, fan speed, temperature, etc. MODBUS gateway should be used.	✓	✓	✓
	Long-distance control	The unit can be controlled from a long distance.	✓	✓	✓
	Modbus	Gateway interface module connecting the network of indoor units and the network of Modbus, for communication interchange Modbus gateway is equipped with 6-core communication wire before ex-factory, which is to be connected with the needle stand of the main board of indoor unit. Screw terminal on Modbus gateway is connected to centralized controller/long-distance monitor	✓	✓	✓
	Dry contact	Through dry contact, gateway can realize simple control on the unit: Input signal: On/Off, mode (heating/not heating), fire alarm Output signal: the state of power-on, running mode (heating/not heating), error output Each input/output interface is dry contact interface	✓	✓	✓
	Access control	Applicable to hotels, etc. Pull the card to power off and insert the card to restore the condition before power is off; compatible with heavy current access control interface and weak current access control interface	✓	✓	✓
	Double wired controllers	Double wired controllers can be set. They have the same functions and can be installed at the door and bedside, which is convenient for AC control	✓	✓	✓
Other functions	Programmable wired controller	LCD with white background and black words 9 touch buttons One Time Clock Timer Daily Timer Weekly Timer Two Week Timer Countdown Timer	✓	✓	✓
	8℃ heating	In winter, if you are outside, the unit can maintain room temperature at 8℃ , to care for your pets and plants	✓	✓	✓
	Power-off memory function	In case of power failure, unit can remember the operating condition and restore the previous operating condition when power is resumed	✓	✓	✓
	Malfunction self-diagnosis	The unit can diagnose the operating condition intelligently to prevent malfunctions. If malfunction occurs, error code will be displayed.	✓	✓	✓
	Built-in water pump	Built-in water pump with the lift reaching 1000mm (cassette type, duct type with water pump)	✓	✓	
	One connected to two, three, four	One outdoor unit can be connected to 2, 3 or 4 sets of indoor units of the same cooling capacity and the same type	✓	✓	✓
	Dual unit backup function	When one unit breaks down, the backup unit can start operation at once; when one unit cannot afford the demand, the backup unit can start working to supplement the output.	✓	✓	✓
	Timer On/Off	Timer mode is for users to preset the time for unit On/Off	✓	✓	✓
	Ambient temperature inquiry	User can inquire indoor ambient temperature, outdoor ambient temperature and the set temperature through wired controller or remote controller	✓	✓	✓
	System parameters inquiry	User can inquire parameters of sensors through the wired controller, which is convenient for maintenance	✓	✓	✓
	Historical errors inquiry	User can inquire historical errors through the wired controller to locate the error quickly	✓	✓	✓

360°
air discharge
cassette unit



- 360°air discharge for balance room temperature;
- Independent control for swing blade: each swing blade can control the swing angle independently;
- Match with three kinds of panel:
standard panel, air return lifting panel and smart panel;
- Lifting of air return frame can be controlled freely;
When matching with the air return lifting panel, the lifting of air return frame can be control freely, convenient for clean. The longest dropping distance of air return frame is 4m.
- Smart sensor
Detect the personnel activity status in the room and then intelligently control the operation of air conditioner.
- Selection of air return dual temperature sensors: Match with wired controller can select air return temperature sensor or wired controller temperature sensor as the indoor ambient temperature sensor for improving comfort;
- DC motor and DC water pump, energy-saving and high efficiency;
- Fresh air can be connected;
- Lift of water pump is 1000mm;
- Energy efficiency can be up to A++ in cooling season and A+ in heating season.



GUD**T/A-T+GUD**W/NhA-T			71	85	100	125	140
Rated cooling capacity		kw	7.0	8.5	10.0	12.0	13.4
Rated heating capacity		kw	8.0	9.0	12.0	13.5	16
Energy efficiency in cooling season	Energy efficiency grade	-	A++	A++	A++	A+	A+
	Designed cooling capacity	kw	7.0	8.5	10.0	12.0	13.4
	SEER	-	6.2	6.1	6.1	5.8	5.8
Energy efficiency in heating season	Energy efficiency grade	-	A+	A+	A+	A	A+
	Designed cooling capacity	kw	6.4	7.3	9.0	10.0	10.8
	SCOP	-	4.1	4.1	4.1	3.8	4.1
Indoor unit GUD**T/A-T			71	85	100	125	140
Unit dimension (H×W×D)		mm	240×840×840	240×840×840	240×840×840	290×840×840	290×840×840
Weight		Kg	29	29	32	34	35
Air volume		m³/h	1200	1400	1500	1800	1900
Sound pressure level noise		dB(A)	42	45	47	49	50
Sound power level noise		dB(A)	53	56	58	60	61
Refrigerant		-	R32				
Power		-	220-240/50Hz/1ph,208-230/60Hz/1ph				
Outdoor unit GUD**W/NhA-T			71	85	100	125	140
Unit dimension (H×W×D)		mm	698×892×340	790×920×370	820×940×460	820×940×460	820×940×460
Weight		kg	52	67	96	98	100
Sound pressure level noise		dB(A)	56	58	56	57	57
Sound power level noise		dB(A)	67	69	67	68	68
Operation range for cooling		℃	-20℃ ~52℃				
Operation range for heating		℃	-20℃ ~24℃				
Refrigerant	Type	-	R32				
	Charging volume	kg	1.6	1.8	2.5	2.65	2.8
The longest connection pipe		m	50	50	65	75	75
Biggest drop between indoor unit and outdoor unit		m	25	25	30	30	30
Power		-	220-240/50Hz/1ph,208-230/60Hz/1ph				

Note: The products are under development. Parameters may be changed, please refer to the actual product.

GUD**T/A-T+GUD**W/NhA-X			100	125	140	160
Rated cooling capacity		kw	10.0	12.0	13.4	15.5
Rated heating capacity		kw	12.0	13.5	16.0	17.5
Energy efficiency in cooling season	Energy efficiency grade	-	A++	A+	A+	A++
	Designed cooling capacity	kw	10.0	12.0	13.4	14.5
	SEER	-	6.1	5.8	5.8	6.1
Energy efficiency in heating season	Energy efficiency grade	-	A+	A	A+	A
	Designed cooling capacity	kw	9.0	10.0	10.8	11.5
	SCOP	-	4.1	3.6	4.1	3.6
Indoor unit GUD**T/A-T			100	125	140	160
Unit dimension (H×W×D)		mm	240×840×840	290×840×840	290×840×840	290×840×840
Weight		Kg	32	34	35	35
Air volume		m³/h	1500	1800	1900	2000
Sound pressure level noise		dB(A)	47	49	50	50
Sound power level noise		dB(A)	58	60	61	61
Refrigerant		-	R32			
Power		-	220-240/50Hz/1ph,208-230/60Hz/1ph			
Outdoor unit GUD**W/NhA-X			100	125	140	160
Unit dimension (H×W×D)		mm	820×940×460	820×940×460	820×940×460	1345×900×340
Weight		kg	96	98	100	120
Sound pressure level noise		dB(A)	56	57	57	59
Sound power level noise		dB(A)	67	68	68	70
Operation range for cooling		℃	-20℃ ~52℃			
Operation range for heating		℃	-20℃ ~24℃			
Refrigerant	Type	-	R32			
	Charging volume	kg	2.5	2.65	2.8	3.6
The longest connection pipe		m	65	75	75	75
Biggest drop between indoor unit and outdoor unit		m	30	30	30	30
Power		-	380-415V/50Hz,60Hz/3ph			

Note: The products are under development. Parameters may be changed, please refer to the actual product.

GUD**T/A-T+GUD**W/NhA1-T			71	85	100	125	140
Rated cooling capacity		kw	7.0	8.5	10.0	12.0	13.4
Rated heating capacity		kw	8.0	9.0	12.0	13.5	16
Energy efficiency in cooling season	Energy efficiency grade	-	A++	A++	A++	A++	A++
	Designed cooling capacity	kw	7.0	8.5	10.0	12.0	13.4
	SEER	-	7.3	7.3	7.3	7.3	7.3
Energy efficiency in heating season	Energy efficiency grade	-	A+	A+	A+	A+	A+
	Designed cooling capacity	kw	6.4	7.3	9.0	10.0	10.8
	SCOP	-	4.3	4.3	4.3	4.3	4.3
Indoor unit GUD**T/A-T			71	85	100	125	140
Unit dimension (H × W × D)		mm	240 × 840 × 840	240 × 840 × 840	240 × 840 × 840	290 × 840 × 840	290 × 840 × 840
Weight		Kg	29	29	32	34	35
Air volume		m³/h	1200	1400	1500	1800	1900
Sound pressure level noise		dB(A)	42	45	47	49	50
Sound power level noise		dB(A)	53	56	58	60	61
Refrigerant		-	R32				
Power		-	220-240V/50Hz/1ph,208-230V/60Hz/1ph				
Outdoor unit GUD**W/NhA1-T			71	85	100	125	140
Unit dimension (H × W × D)		mm	790 × 920 × 370	820 × 940 × 460	1430 × 940 × 320	1430 × 940 × 320	1430 × 940 × 320
Weight		kg	65	94	120	120	120
Sound pressure level noise		dB(A)	53	55	54	54	56
Sound power level noise		dB(A)	64	66	65	65	67
Operation range for cooling		℃	-20℃ ~52℃				
Operation range for heating		℃	-20℃ ~24℃				
Refrigerant	Type	-	R32				
	Charging volume	kg	1.8	2.5	2.7	2.8	3.0
The longest connection pipe		m	50	50	75	75	75
Biggest drop between indoor unit and outdoor unit		m	25	25	30	30	30
Power		-	220-240V/50Hz/1ph,208-230V/60Hz/1ph				

Note: The products are under development. Parameters may be changed, please refer to the actual product.

GUD**T/A-T+GUD**W/NhA1-X			100	125	140	160
Rated cooling capacity		kw	10.0	12.0	13.4	15.5
Rated heating capacity		kw	12.0	13.5	16.0	17.5
Energy efficiency in cooling season	Energy efficiency grade	-	A++	A++	A++	A++
	Designed cooling capacity	kw	10.0	12.0	13.4	14.5
	SEER	-	7.3	7.3	7.3	7.3
Energy efficiency in heating season	Energy efficiency grade	-	A+	A+	A+	A+
	Designed cooling capacity	kw	9.0	10.0	10.8	11.5
	SCOP	-	4.3	4.3	4.3	4.3
Indoor unit GUD**T/A-T			100	125	140	160
Unit dimension (H × W × D)		mm	240 × 840 × 840	290 × 840 × 840	290 × 840 × 840	290 × 840 × 840
Weight		Kg	32	34	35	35
Air volume		m³/h	1500	1800	1900	2000
Sound pressure level noise		dB(A)	47	49	50	50
Sound power level noise		dB(A)	58	60	61	61
Refrigerant		-	R32			
Power		-	220~240V/50Hz/1ph,208~230V/60Hz/1ph			
Outdoor unit GUD**W/NhA1-X			100	125	140	160
Unit dimension (H × W × D)		mm	1430 × 940 × 320	1430 × 940 × 320	1430 × 940 × 320	1430 × 940 × 320
Weight		kg	120	120	120	120
Sound pressure level noise		dB(A)	53	54	54	56
Sound power level noise		dB(A)	64	65	65	67
Operation range for cooling		℃	-20℃ ~52℃			
Operation range for heating		℃	-20℃ ~24℃			
Refrigerant	Type	-	R32			
	Charging volume	kg	2.7	2.8	3.0	3.6
The longest connection pipe		m	65	75	75	75
Biggest drop between indoor unit and outdoor unit		m	30	30	30	30
Power		-	380~415V/50Hz,60Hz/3ph			

Note: The products are under development. Parameters may be changed, please refer to the actual product.

Compact

cassette unit



YAG1FB3(Standard)



XK75(Optional)



X K117(Optional)

- 360° air discharge;
- Width and length of case are only 570mm,matching with the ceiling perfectly;
- Selection of air return dual temperature sensors: Match with wired controller can select air return temperature sensor or wired controller temperature sensor as the indoor ambient temperature sensor for improving comfort;
- DC motor and DC water pump, energy-saving and high efficiency;
- Fresh air can be connected;
- Lift of water pump is 1000mm;
- Energy efficiency can be up to A++ in cooling season and A+ in heating season.

GUD**T/A-T+GUD**W/NhA-T			35	50
Rated cooling capacity		kw	3.5	5.0
Rated heating capacity		kw	4.0	6.0
Energy efficiency in cooling season	Energy efficiency grade	-	A++	A++
	Designed cooling capacity	kw	3.5	5.0
	SEER	-	6.5	6.1
Energy efficiency in heating season	Energy efficiency grade	-	A+	A+
	Designed heating capacity	kw	3.1	4.2
	SCOP	-	4.1	4.1
Indoor unit GUD**T/A-T			35	50
Unit dimension (H×W×D)		mm	260×570×570	260×570×570
Weight		kg	20	20
Air volume		m³/h	650	800
Sound pressure level noise		dB(A)	40	41
Sound power level noise		dB(A)	51	52
Refrigerant type		-	R32	
Power		-	220-240/50Hz/1ph,208-230/60Hz/1ph	
Outdoor unit GUD**W/NhA-T			35	50
Unit dimension (H×W×D)		mm	596×818×302	596×818×302
Weight		kg	39	39
Sound pressure level noise		dB(A)	50	51
Sound power level noise		dB(A)	61	62
Operation range for cooling		℃	-20℃ ~52℃	
Operation range for heating		℃	-20℃ ~24℃	
Refrigerant	Type	-	R32	
	Charging volume	kg	0.78	1.0
The longest connection pipe		m	30	35
Biggest drop between indoor unit and outdoor unit		m	15	20
Power		-	220-240/50Hz/1ph,208-230/60Hz/1ph	

Note: The products are under development. Parameters may be changed, please refer to the actual product.

GUD**T/A-T+GUD**W/NhA1-T			50
Rated cooling capacity		kw	5.0
Rated heating capacity		kw	6.0
Energy efficiency in cooling season	Energy efficiency grade	-	A++
	Designed cooling capacity	kw	5.0
	SEER	-	7.3
Energy efficiency in heating season	Energy efficiency grade	-	A+
	Designed heating capacity	kw	4.2
	SCOP	-	4.3
Indoor unit GUD**T/A-T			50
Unit dimension (H×W×D)		mm	260×570×570
Weight		kg	20
Air volume		m³/h	800
Sound pressure level noise		dB(A)	41
Sound power level noise		dB(A)	52
Refrigerant type		-	R32
Power		-	220-240V/50Hz/1ph,208-230V/60Hz/1ph
Outdoor unit GUD**W/NhA1-T			50
Unit dimension (H×W×D)		mm	698×892×340
Weight		kg	50
Sound pressure level noise		dB(A)	51
Sound power level noise		dB(A)	62
Operation range for cooling		℃	-20℃ ~52℃
Operation range for heating		℃	-20℃ ~24℃
Refrigerant	Type	-	R32
	Charging volume	kg	1.6
The longest connection pipe		m	35
Biggest drop between indoor unit and outdoor unit		m	20
Power		-	220-240V/50Hz/1ph,208-230V/60Hz/1ph

Note: The products are under development. Parameters may be changed, please refer to the actual product.

Ultra-thin

air duct unit



YAG1FB3(Optional)



XK75(Optional)



X K117(Standard)

- Thickness for 35 and 50 model is only 200mm.
- Thickness for 71 and 85 model is only 220mm.
- Swing panel can be selected for 35~85 model, more comfortable.
- Match with wired controller can adjust the static pressure mode for different engineering installation requirements;
- Selection of air return dual temperature sensors: Match with wired controller can select air return temperature sensor or wired controller temperature sensor as the indoor ambient temperature sensor for improving comfort;
- DC motor, energy-saving and high efficiency;
- Fresh air can be connected;
- Lift of water pump is 1000mm;
- Energy efficiency can be up to A++ in cooling season and A+ in heating season



GUD**P/A-T+GUD**W/NhA-T GUD**PS/A-T+GUD**W/NhA-T			35	50	71	85
Rated cooling capacity		kw	3.5	5.0	7.0	8.5
Rated heating capacity		kw	4.0	6.0	8.0	9.0
Energy efficiency in cooling season	Energy efficiency grade	–	A++	A++	A++	A+
	Designed cooling capacity	kw	3.5	5.0	7.0	8.5
	SEER	–	6.1	6.1	6.2	5.8
Energy efficiency in heating season	Energy efficiency grade	–	A+	A+	A+	A+
	Designed heating capacity	kw	3.1	4.2	6.4	7.2
	SCOP	–	4.1	4.1	4.1	4.1
Indoor unit	GUD**P/A-T	GUD**PS/A-T	35	50	71	85
Unit dimension (H×W×D)		mm	200×700×474	200×1000×450	220×1300×450	220×1300×450
Weight		kg	18	25	31	31
Air volume		m³/h	650	950	1200	1400
Static pressure (rated/maximum)		Pa	25/40	25/40	25/75	37/75
Sound pressure level noise		dB(A)	35	39	40	42
Sound power level noise		dB(A)	46	50	51	53
Refrigerant type		–	R32			
Power		–	220–240/50Hz/1ph,208–230/60Hz/1ph			
Outdoor unit	GUD**W/NhA-T		35	50	71	85
Unit dimension (H×W×D)		mm	596×818×302	596×818×302	698×892×340	790×920×370
Weight		kg	39	39	52	67
Sound pressure level noise		dB(A)	50	51	56	58
Sound power level noise		dB(A)	61	62	67	69
Operation range for cooling		℃	–20℃ ~52℃			
Operation range for heating		℃	–20℃ ~24℃			
Refrigerant	Type	–	R32			
	Charging volume	kg	0.78	1.0	1.6	1.8
The longest connection pipe		m	30	35	50	50
Biggest drop between indoor unit and outdoor unit		m	15	20	25	25
Power		–	220–240/50Hz/1ph,208–230/60Hz/1ph			

Note: The products are under development. Parameters may be changed, please refer to the actual product.

GUD**P/A-T+GUD**W/NhA1-T GUD**PS/A-T+GUD**W/NhA1-T			50	71	85
Rated cooling capacity		kw	5.0	7.0	8.5
Rated heating capacity		kw	6.0	8.0	9.0
Energy efficiency in cooling season	Energy efficiency grade	–	A++	A++	A++
	Designed cooling capacity	kw	5.0	7.0	8.5
	SEER	–	7.3	7.3	7.3
Energy efficiency in heating season	Energy efficiency grade	–	A+	A+	A+
	Designed heating capacity	kw	4.2	6.4	7.2
	SCOP	–	4.3	4.3	4.3
Indoor unit	GUD**P/A-T	GUD**PS/A-T	50	71	85
Unit dimension (H×W×D)		mm	200×1000×450	220×1300×450	220×1300×450
Weight		kg	25	31	31
Air volume		m³/h	950	1200	1400
Static pressure (rated/maximum)		Pa	25/40	25/75	37/75
Sound pressure level noise		dB(A)	39	40	42
Sound power level noise		dB(A)	50	51	53
Refrigerant type		–	R32		
Power		–	220–240V/50Hz/1ph,208–230V/60Hz/1ph		
Outdoor unit	GUD**W/NhA1-T		50	71	85
Unit dimension (H×W×D)		mm	698×892×340	790×920×370	820×940×460
Weight		kg	50	65	94
Sound pressure level noise		dB(A)	48	53	55
Sound power level noise		dB(A)	59	64	66
Operation range for cooling		℃	–20℃ ~52℃		
Operation range for heating		℃	–20℃ ~24℃		
Refrigerant	Type	–	R32		
	Charging volume	kg	1.6	1.8	2.5
The longest connection pipe		m	35	50	50
Biggest drop between indoor unit and outdoor unit		m	20	25	25
Power		–	220–240V/50Hz/1ph,208–230V/60Hz/1ph		

Note: The products are under development. Parameters may be changed, please refer to the actual product.

High static pressure

air duct unit



YAG1FB3(Optional)



XK75(Optional)



X K117(Standard)

- Match with wired controller can adjust the static pressure mode for different engineering installation requirements;
- Selection of air return dual temperature sensors: Match with wired controller can select air return temperature sensor or wired controller temperature sensor as the indoor ambient temperature sensor for improving comfort;
- DC motor, energy-saving and high efficiency;
- Fresh air can be connected;
- Lift of water pump is 1000mm;
- Energy efficiency can be up to A++ in cooling season and A+ in heating season;
- Five static pressure modes for selection. The highest static pressure can be up to 200Pa.

GUD**PH/A-T+GUD**W/NhA-T GUD**PHS/A-T+GUD**W/NhA-T			100	125	140
Rated cooling capacity		kw	10.0	12.0	13.4
Rated heating capacity		kw	12.0	13.5	16.0
Energy efficiency in cooling season	Energy efficiency grade	-	A++	A++	A++
	Designed cooling capacity	kw	10.0	12.0	13.4
	SEER	-	6.1	6.1	6.1
Energy efficiency in heating season	Energy efficiency grade	-	A+	A	A
	Designed heating capacity	kw	9.0	10.0	11.8
	SCOP	-	4.1	3.8	3.8
Indoor unit GUD**PH/A-T GUD**PHS/A-T			100	125	140
Unit dimension (H×W×D)		mm	300*1000*700	300*1400*700	300*1400*700
Weight		kg	42	43	56
Air volume		m³/h	1800	2000	2200
Static pressure (rated/maximum)		Pa	37/150	37/200	50/200
Sound pressure level noise		dB(A)	42	42	45
Sound power level noise		dB(A)	53	53	56
Refrigerant type		-	R32		
Power		-	220-240/50Hz/1ph,208-230/60Hz/1ph		
Outdoor unit GUD**W/NhA-T			100	125	140
Unit dimension (H×W×D)		mm	820×940×460	820×940×460	820×940×460
Weight		kg	96	98	100
Sound pressure level noise		dB(A)	56	57	57
Sound power level noise		dB(A)	67	68	68
Operation range for cooling		℃	-20℃ ~52℃		
Operation range for heating		℃	-20℃ ~24℃		
Refrigerant	Type	-	R32		
	Charging volume	kg	2.5	2.65	2.8
The longest connection pipe		m	65	75	75
Biggest drop between indoor unit and outdoor unit		m	30	30	30
Power		-	220-240/50Hz/1ph,208-230/60Hz/1ph		

Note: The products are under development. Parameters may be changed, please refer to the actual product.

GUD**PH/A-T+GUD**W/NhA-X GUD**PHS/A-T+GUD**W/NhA-X			100	125	140	160
Rated cooling capacity		kw	10.0	12.0	13.4	16.0
Rated heating capacity		kw	12.0	13.5	16.0	17.5
Energy efficiency in cooling season	Energy efficiency grade	–	A++	A++	A++	A++
	Designed cooling capacity	kw	10.0	12.0	13.4	16.0
	SEER	–	6.1	6.1	6.1	6.5
Energy efficiency in heating season	Energy efficiency grade	–	A+	A	A	A
	Designed heating capacity	kw	9.0	10.0	11.8	12.3
	SCOP	–	4.1	3.8	3.8	3.6
Indoor unit GUD**PH/A-T GUD**PHS/A-T			100	125	140	160
Unit dimension (H×W×D)		mm	300*1000*700	300*1400*700	300*1400*700	300*1400*700
Weight		kg	42	43	56	57
Air volume		m³/h	1800	2000	2200	2400
Static pressure (rated/maximum)		Pa	37/150	37/200	50/200	50/200
Sound pressure level noise		dB(A)	42	42	45	47
Sound power level noise		dB(A)	53	53	56	58
Refrigerant type		–	R32			
Power		–	220–240/50Hz/1ph,208–230/60Hz/1ph			
Outdoor unit GUD**W/NhA-X			100	125	140	160
Unit dimension (H×W×D)		mm	820×940×460	820×940×460	820×940×460	1345×900×340
Weight		kg	96	98	100	120
Sound pressure level noise		dB(A)	56	57	57	59
Sound power level noise		dB(A)	67	68	68	70
Operation range for cooling		℃	–20℃ ~52℃			
Operation range for heating		℃	–20℃ ~24℃			
Refrigerant	Type	–	R32			
	Charging volume	kg	2.5	2.65	2.8	3.6
The longest connection pipe		m	65	75	75	75
Biggest drop between indoor unit and outdoor unit		m	30	30	30	30
Power		–	380–415V/50Hz,60Hz/3ph			

Note: The products are under development. Parameters may be changed, please refer to the actual product.

GUD**PH/A-T+GUD**W/NhA1-T GUD**PHS/A-T+GUD**W/NhA1-T			100	125	140
Rated cooling capacity		kw	10.0	12.0	13.4
Rated heating capacity		kw	12.0	13.5	16.0
Energy efficiency in cooling season	Energy efficiency grade	–	A++	A++	A++
	Designed cooling capacity	kw	10.0	12.0	13.4
	SEER	–	7.3	7.3	7.3
Energy efficiency in heating season	Energy efficiency grade	–	A+	A+	A+
	Designed heating capacity	kw	9.0	10.0	11.8
	SCOP	–	4.3	4.3	4.3
Indoor unit GUD**PH/A-T GUD**PHS/A-T			100	125	140
Unit dimension (H×W×D)		mm	300*1000*700	300*1400*700	300*1400*700
Weight		kg	42	43	56
Air volume		m³/h	1800	2000	2200
Static pressure (rated/maximum)		Pa	37/150	37/200	50/200
Sound pressure level noise		dB(A)	42	42	45
Sound power level noise		dB(A)	53	53	56
Refrigerant type		–	R32		
Power		–	220–240V/50Hz/1ph,208–230V/60Hz/1ph		
Outdoor unit GUD**W/NhA1-T			100	125	140
Unit dimension (H×W×D)		mm	1430×940×320	1430×940×320	1430×940×320
Weight		kg	120	120	120
Sound pressure level noise		dB(A)	53	54	54
Sound power level noise		dB(A)	64	65	65
Operation range for cooling		℃	–20℃ ~52℃		
Operation range for heating		℃	–20℃ ~24℃		
Refrigerant	Type	–	R32		
	Charging volume	kg	2.7	2.8	3.0
The longest connection pipe		m	65	75	75
Biggest drop between indoor unit and outdoor unit		m	30	30	30
Power		–	220–240V/50Hz/1ph,208–230V/60Hz/1ph		

Note: The products are under development. Parameters may be changed, please refer to the actual product.

GUD**PH/A-T+GUD**W/NhA1-X GUD**PHS/A-T+GUD**W/NhA1-X			100	125	140	160
Rated cooling capacity		kw	10.0	12.0	13.4	16.0
Rated heating capacity		kw	12.0	13.5	16.0	17.5
Energy efficiency in cooling season	Energy efficiency grade	-	A++	A++	A++	A++
	Designed cooling capacity	kw	10.0	12.0	13.4	16.0
	SEER	-	7.3	7.3	7.3	7.3
Energy efficiency in heating season	Energy efficiency grade	-	A+	A+	A+	A+
	Designed heating capacity	kw	9.0	10.0	11.8	12.3
	SCOP	-	4.3	4.3	4.3	4.3
Indoor unit GUD**PH/A-T GUD**PHS/A-T			100	125	140	160
Unit dimension (H×W×D)		mm	300×1000×700	300×1400×700	300×1400×700	300×1400×700
Weight		kg	42	43	56	57
Air volume		m³/h	1800	2000	2200	2400
Static pressure (rated/maximum)		Pa	37/150	37/200	50/200	50/200
Sound pressure level noise		dB(A)	42	42	45	47
Sound power level noise		dB(A)	53	53	56	58
Refrigerant type		-	R32			
Power		-	220-240V/50Hz/1ph,208-230V/60Hz/1ph			
Outdoor unit GUD**W/NhA1-X			100	125	140	160
Unit dimension (H×W×D)		mm	1430×940×320	1430×940×320	1430×940×320	1430×940×320
Weight		kg	120	120	120	120
Sound pressure level noise		dB(A)	53	54	54	56
Sound power level noise		dB(A)	64	65	65	67
Operation range for cooling		℃	-20℃ ~52℃			
Operation range for heating		℃	-20℃ ~24℃			
Refrigerant	Type	-	R32			
	Charging volume	kg	2.7	2.8	3.0	3.6
The longest connection pipe		m	65	75	75	75
Biggest drop between indoor unit and outdoor unit		m	30	30	30	30
Power		-	380-415V/50Hz,60Hz/3ph			

Note: The products are under development. Parameters may be changed, please refer to the actual product.

Floor ceiling

unit



YAG1FB3(Standard)



XK75(Optional)



X K117(Optional)

- Selection of air return dual temperature sensors: Match with wired controller can select air return temperature sensor or wired controller temperature sensor as the indoor ambient temperature sensor for improving comfort;
- DC motor, energy-saving and high efficiency;
- Fresh air can be connected;
- Energy efficiency can be up to A++ in cooling season and A+ in heating season.

GUD**ZD/A-T+GUD**W/NhA-T			35	50	71	85
Rated cooling capacity		kw	3.5	5.0	7.0	8.8
Rated heating capacity		kw	4.0	6.0	8.0	9.0
Energy efficiency in cooling season	Energy efficiency grade	-	A++	A++	A++	A++
	Designed cooling capacity	kw	3.5	5.0	7.0	8.8
	SEER	-	7.7	6.1	6.1	6.1
Energy efficiency in heating season	Energy efficiency grade	-	A+	A+	A+	A+
	Designed heating capacity	kw	3.1	4.2	6.4	7.4
	SCOP	-	4.4	4.1	4.1	4.1
Indoor unit GUD**ZD/A-T			35	50	71	85
Unit dimension (H×W×D)		mm	235×870×665	235×870×665	235×1200×665	235×1200×665
Weight		kg	26	27	32	32
Air volume		m³/h	650	850	1200	1500
Sound pressure level noise		dB(A)	35	40	43	48
Sound power level noise		dB(A)	46	51	54	59
Refrigerant type		-	R32			
Power		-	220-240/50Hz/1ph,208-230/60Hz/1ph			
Outdoor unit GUD**W/NhA-T			35	50	71	85
Unit dimension (H×W×D)		mm	596×818×302	596×818×302	698×892×340	790×920×370
Weight		kg	39	39	52	67
Sound pressure level noise		dB(A)	50	51	56	58
Sound power level noise		dB(A)	61	62	67	69
Operation range for cooling		℃	-20℃ ~52℃			
Operation range for heating		℃	-20℃ ~24℃			
Refrigerant	Type	-	R32			
	Charging volume	kg	0.78	1.0	1.6	1.8
The longest connection pipe		m	30	35	50	50
Biggest drop between indoor unit and outdoor unit		m	15	20	25	25
Power		-	220-240/50Hz/1ph,208-230/60Hz/1ph			

Note: The products are under development. Parameters may be changed, please refer to the actual product.

GUD**ZD/A-T+GUD**W/NhA-T			100	125	140
Rated cooling capacity		kw	10.0	12.0	13.4
Rated heating capacity		kw	12.0	13.5	16.0
Energy efficiency in cooling season	Energy efficiency grade	-	A++	A++	A++
	Designed cooling capacity	kw	10.0	12.0	13.4
	SEER	-	6.3	6.1	6.1
Energy efficiency in heating season	Energy efficiency grade	-	A+	A	A+
	Designed heating capacity	kw	9.0	10.0	11.8
	SCOP	-	4.1	3.8	4.1
Indoor unit GUD**ZD/A-T			100	125	140
Unit dimension (H×W×D)		mm	235×1200×665	235×1570×665	235×1570×665
Weight		kg	36	44	46
Air volume		m³/h	1800	2000	2100
Sound pressure level noise		dB(A)	50	49	50
Sound power level noise		dB(A)	61	60	61
Refrigerant type		-	R32		
Power		-	220-240/50Hz/1ph,208-230/60Hz/1ph		
Outdoor unit GUD**W/NhA-T			100	125	140
Unit dimension (H×W×D)		mm	820×940×460	820×940×460	820×940×460
Weight		kg	96	98	100
Sound pressure level noise		dB(A)	56	57	57
Sound power level noise		dB(A)	67	68	68
Operation range for cooling		℃	-20℃ ~52℃		
Operation range for heating		℃	-20℃ ~24℃		
Refrigerant	Type	-	R32		
	Charging volume	kg	2.5	2.65	2.8
The longest connection pipe		m	65	75	75
Biggest drop between indoor unit and outdoor unit		m	30	30	30
Power		-	220-240/50Hz/1ph,208-230/60Hz/1ph		

Note: The products are under development. Parameters may be changed, please refer to the actual product.

GUD**ZD/A-T+GUD**W/NhA-X			100	125	140	160
Rated cooling capacity		kw	10.0	12.0	13.4	16.0
Rated heating capacity		kw	12.0	13.5	16.0	17.5
Energy efficiency in cooling season	Energy efficiency grade	-	A++	A++	A++	A++
	Designed cooling capacity	kw	10.0	12.0	13.4	16.0
	SEER	-	6.1	6.1	6.1	6.3
Energy efficiency in heating season	Energy efficiency grade	-	A+	A	A	A
	Designed heating capacity	kw	9.0	10.0	11.2	12.3
	SCOP	-	4.1	3.6	3.8	3.8
Indoor unit GUD**ZD/A-T			100	125	140	160
Unit dimension (H×W×D)		mm	235×1200×665	235×1570×665	235×1570×665	235×1570×665
Weight		kg	36	44	46	47
Air volume		m³/h	1800	2000	2100	2400
Sound pressure level noise		dB(A)	50	49	50	52
Sound power level noise		dB(A)	61	60	61	63
Refrigerant type		-	R32			
Power		-	220-240/50Hz/1ph,208-230/60Hz/1ph			
Outdoor unit GUD**W/NhA-X			100	125	140	160
Unit dimension (H×W×D)		mm	820×940×460	820×940×460	820×940×460	1345×900×340
Weight		kg	96	98	100	120
Sound pressure level noise		dB(A)	56	57	57	59
Sound power level noise		dB(A)	67	68	68	70
Operation range for cooling		℃	-20℃ ~52℃			
Operation range for heating		℃	-20℃ ~24℃			
Refrigerant	Type	-	R32			
	Charging volume	kg	2.5	2.65	2.8	3.6
The longest connection pipe		m	65	75	75	75
Biggest drop between indoor unit and outdoor unit		m	30	30	30	30
Power		-	380-415V/50Hz,60Hz/3ph			

Note: The products are under development. Parameters may be changed, please refer to the actual product.

GUD**ZD/A-T+GUD**W/NhA1-T			50	71	85
Rated cooling capacity		kw	5.0	7.0	8.8
Rated heating capacity		kw	6.0	8.0	9.0
Energy efficiency in cooling season	Energy efficiency grade	-	A++	A++	A++
	Designed cooling capacity	kw	5.0	7.0	8.8
	SEER	-	7.3	7.3	7.3
Energy efficiency in heating season	Energy efficiency grade	-	A+	A+	A+
	Designed heating capacity	kw	4.2	6.4	7.4
	SCOP	-	4.3	4.3	4.3
Indoor unit GUD**ZD/A-T			50	71	85
Unit dimension (H×W×D)		mm	235×870×665	235×1200×665	235×1200×665
Weight		kg	27	32	32
Air volume		m³/h	850	1200	1500
Sound pressure level noise		dB(A)	40	43	48
Sound power level noise		dB(A)	51	54	59
Refrigerant type		-	R32		
Power		-	220-240V/50Hz/1ph,208-230V/60Hz/1ph		
Outdoor unit GUD**W/NhA1-T			50	71	85
Unit dimension (H×W×D)		mm	698×892×340	790×920×370	820×940×460
Weight		kg	50	65	94
Sound pressure level noise		dB(A)	48	53	55
Sound power level noise		dB(A)	59	64	66
Operation range for cooling		℃	-20℃ ~52℃		
Operation range for heating		℃	-20℃ ~24℃		
Refrigerant	Type	-	62		
	Charging volume	kg	1.6	1.8	2.5
The longest connection pipe		m	35	50	50
Biggest drop between indoor unit and outdoor unit		m	20	25	25
Power		-	220-240V/50Hz/1ph,208-230V/60Hz/1ph		

Note: The products are under development. Parameters may be changed, please refer to the actual product.

GUD**ZD/A-T+GUD**W/NhA1-T			100	125	140
Rated cooling capacity		kw	10.0	12.0	13.4
Rated heating capacity		kw	12.0	13.5	16.0
Energy efficiency in cooling season	Energy efficiency grade	-	A++	A++	A++
	Designed cooling capacity	kw	10.0	12.0	13.4
	SEER	-	7.3	7.3	7.3
Energy efficiency in heating season	Energy efficiency grade	-	A+	A+	A+
	Designed heating capacity	kw	9.0	10.0	11.8
	SCOP	-	4.3	4.3	4.3
Indoor unit	GUD**ZD/A-T		100	125	140
Unit dimension (H×W×D)	mm		235×1200×665	235×1570×665	235×1570×665
Weight	kg		36	44	46
Air volume	m³/h		1800	2000	2100
Sound pressure level noise	dB(A)		50	49	50
Sound power level noise	dB(A)		61	60	61
Refrigerant type	-	R32			
Power	-	220-240V/50Hz/1ph,208-230V/60Hz/1ph			
Outdoor unit	GUD**W/NhA1-T		100	125	140
Unit dimension (H×W×D)	mm		1430×940×320	1430×940×320	1430×940×320
Weight	kg		120	120	120
Sound pressure level noise	dB(A)		53	54	54
Sound power level noise	dB(A)		64	65	65
Operation range for cooling	℃	-20℃ ~52℃			
Operation range for heating	℃	-20℃ ~24℃			
Refrigerant	Type	-	R32		
	Charging volume	kg	2.7	2.8	3.0
The longest connection pipe	m		65	75	75
Biggest drop between indoor unit and outdoor unit	m		30	30	30
Power	-	220-240V/50Hz/1ph,208-230V/60Hz/1ph			

Note: The products are under development. Parameters may be changed, please refer to the actual product.

GUD**ZD/A-T+GUD**W/NhA1-X			100	125	140	160
Rated cooling capacity		kw	10.0	12.0	13.4	16.0
Rated heating capacity		kw	12.0	13.5	16.0	17.5
Energy efficiency in cooling season	Energy efficiency grade	-	A++	A++	A++	A++
	Designed cooling capacity	kw	10.0	12.0	13.4	16.0
	SEER	-	7.3	7.3	7.3	7.3
Energy efficiency in heating season	Energy efficiency grade	-	A+	A+	A+	A+
	Designed heating capacity	kw	9.0	10.0	11.2	12.3
	SCOP	-	4.3	4.3	4.3	4.3
Indoor unit GUD**ZD/A-T			100	125	140	160
Unit dimension (H × W × D)		mm	235 × 1200 × 665	235 × 1570 × 665	235 × 1570 × 665	235 × 1570 × 665
Weight		kg	36	44	46	47
Air volume		m³/h	1800	2000	2100	2400
Sound pressure level noise		dB(A)	50	49	50	52
Sound power level noise		dB(A)	61	60	61	63
Refrigerant type		-	R32			
Power		-	220-240V/50Hz/1ph,208-230V/60Hz/1ph			
Outdoor unit GUD**W/NhA1-X			100	125	140	160
Unit dimension (H × W × D)		mm	1430 × 940 × 320	1430 × 940 × 320	1430 × 940 × 320	1430 × 940 × 320
Weight		kg	120	120	120	120
Sound pressure level noise		dB(A)	53	54	54	56
Sound power level noise		dB(A)	64	65	65	67
Operation range for cooling		℃	-20℃ ~52℃			
Operation range for heating		℃	-20℃ ~24℃			
Refrigerant	Type	-	R32			
	Charging volume	kg	2.7	2.8	3.0	3.6
The longest connection pipe		m	65	75	75	75
Biggest drop between indoor unit and outdoor unit		m	30	30	30	30
Power		-	380-415V/50Hz,60Hz/3ph			

Note: The products are under development. Parameters may be changed, please refer to the actual product.

Wall-mounted unit



YAG1FB3(Standard)



XK75(Optional)



X K117(Optional)

- Selection of air return dual temperature sensors: Match with wired controller can select air return temperature sensor or wired controller temperature sensor as the indoor ambient temperature sensor for improving comfort;
- DC motor, energy-saving and high efficiency;
- Energy efficiency can be up to A++ in cooling season and A+ in heating season.

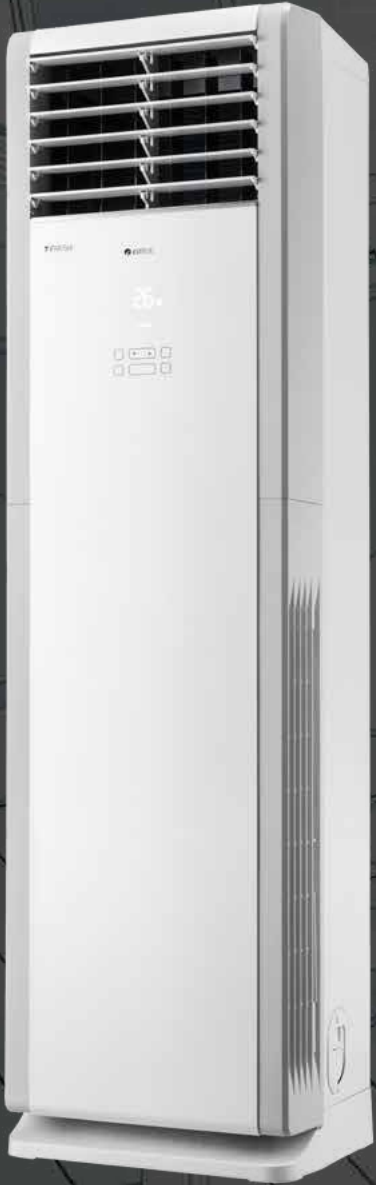
GUD**G/A-T+GUD**W/NhA-T			71	100
Rated cooling capacity	kw		6.5	9.5
Rated heating capacity	kw		7.5	10.5
Energy efficiency in cooling season	Energy efficiency grade	-	A++	A++
	Designed cooling capacity	kw	6.5	9.5
	SEER	-	6.1	6.1
Energy efficiency in heating season	Energy efficiency grade	-	A+	A+
	Designed heating capacity	kw	7.0	9.0
	SCOP	-	4.1	4.1
Indoor unit GUD**G/A-T			71	100
Unit dimension (H×W×D)	mm		325×1078×246	326×1350×253
Weight	kg		16.5	19
Air volume	m³/h		1250	1600
Sound pressure level noise	dB(A)		44	50
Sound power level noise	dB(A)		55	61
Refrigerant type	-	R32		
Power	-	220-240/50Hz/1ph,208-230/60Hz/1ph		
Outdoor unit GUD**W/NhA-T			71	100
Unit dimension (H×W×D)	mm		698×892×340	820×940×460
Weight	kg		52	96
Sound pressure level noise	dB(A)		56	56
Sound power level noise	dB(A)		67	67
Operation range for cooling	℃	-20℃ ~52℃		
Operation range for heating	℃	-20℃ ~24℃		
Refrigerant	Type	-	R32	
	Charging volume	kg	1.6	2.5
The longest connection pipe	m		50	65
Biggest drop between indoor unit and outdoor unit	m		25	30
Power	-	220-240/50Hz/1ph,208-230/60Hz/1ph		

Note: The products are under development. Parameters may be changed, please refer to the actual product.

GUD**G/A-T+GUD**W/NhA1-T			71	100
Rated cooling capacity		kw	6.5	9.5
Rated heating capacity		kw	7.5	10.5
Energy efficiency in cooling season	Energy efficiency grade	-	A++	A++
	Designed cooling capacity	kw	6.5	9.5
	SEER	-	7.3	7.3
Energy efficiency in heating season	Energy efficiency grade	-	A+	A+
	Designed heating capacity	kw	7.0	9.0
	SCOP	-	4.3	4.3
Indoor unit GUD**G/A-T			71	100
Unit dimension (H×W×D)		mm	325×1078×246	326×1350×253
Weight		kg	16.5	19
Air volume		m³/h	1250	1600
Sound pressure level noise		dB(A)	44	50
Sound power level noise		dB(A)	55	61
Refrigerant type		-	R32	
Power		-	220-240V/50Hz/1ph,208-230V/60Hz/1ph	
Outdoor unit GUD**W/NhA1-T			71	100
Unit dimension (H×W×D)		mm	790×920×370	1430×940×320
Weight		kg	65	120
Sound pressure level noise		dB(A)	53	53
Sound power level noise		dB(A)	64	64
Operation range for cooling		℃	-20℃ ~52℃	
Operation range for heating		℃	-20℃ ~24℃	
Refrigerant	Type	-	R32	
	Charging volume	kg	1.8	2.7
The longest connection pipe		m	50	65
Biggest drop between indoor unit and outdoor unit		m	25	30
Power		-	220-240V/50Hz/1ph,208-230V/60Hz/1ph	

Note: The products are under development. Parameters may be changed, please refer to the actual product.

Floor standing unit



YAG1FB3(Optional)



XK75(Optional)



X K117(Optional)

- Selection of air return dual temperature sensors: Match with wired controller can select air return temperature sensor or wired controller temperature sensor as the indoor ambient temperature sensor for improving comfort;
- Energy efficiency can be up to A++ in cooling season and A+ in heating season.

GUD**L/A-T+GUD**W/NhA-T			71	100	125	140
Rated cooling capacity		kw	7.0	10.0	12.0	13.4
Rated heating capacity		kw	8.0	12.0	13.5	16
Energy efficiency in cooling season	Energy efficiency grade	–	A++	A++	A+	A+
	Designed cooling capacity	kw	7.0	10.0	12.0	13.4
	SEER	–	6.1	6.1	5.8	5.8
Energy efficiency in heating season	Energy efficiency grade	–	A+	A+	A	A
	Designed heating capacity	kw	6.4	9.0	10.0	11.8
	SCOP	–	4.1	4.1	3.8	3.8
Indoor unit GUD**L/A-T			71	100	12.0	13.4
Unit dimension (H×W×D)		mm	1870×580×395	1870×580×395	1870×580×395	1870×580×395
Weight		kg	56	56	59	59
Air volume		m³/h	1100	1650	1650	1800
Sound pressure level noise		dB(A)	54	56	56	58
Sound power level noise		dB(A)	65	67	67	69
Refrigerant type		–	R32			
Power		–	220-240/50Hz/1ph,208-230/60Hz/1ph			
Outdoor unit GUD**W/NhA-T			71	100	125	140
Unit dimension (H×W×D)		mm	698×892×340	820×940×460	820×940×460	820×940×460
Weight		kg	52	96	98	100
Sound pressure level noise		dB(A)	56	56	57	57
Sound power level noise		dB(A)	67	67	68	68
Operation range for cooling		℃	-20℃ ~52℃			
Operation range for heating		℃	-20℃ ~24℃			
Refrigerant	Type	–	R32			
	Charging volume	kg	1.6	2.5	2.65	2.8
The longest connection pipe		m	50	65	75	75
Biggest drop between indoor unit and outdoor unit		m	25	30	30	30
Power		–	220-240/50Hz/1ph,208-230/60Hz/1ph			

Note: The products are under development. Parameters may be changed, please refer to the actual product.

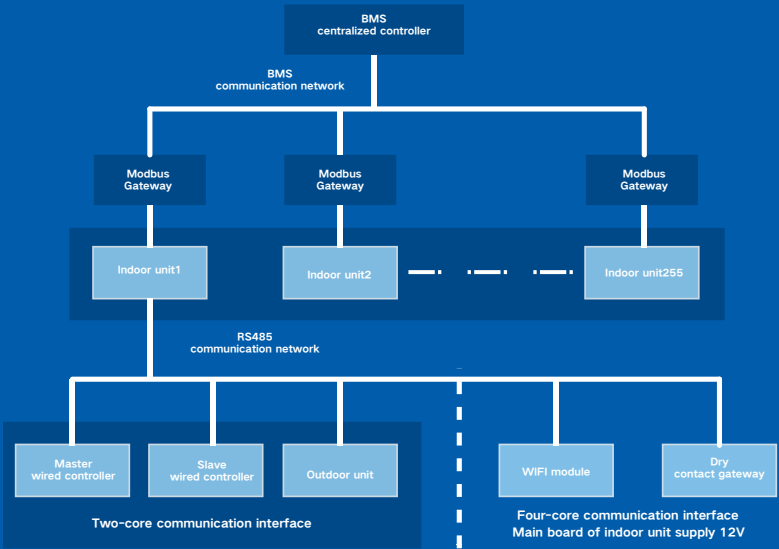
GUD**L/A-T+GUD**W/NhA1-T			71	100	125	140
Rated cooling capacity		kw	7.0	10.0	12.0	13.4
Rated heating capacity		kw	8.0	12.0	13.5	16
Energy efficiency in cooling season	Energy efficiency grade	–	A++	A++	A++	A++
	Designed cooling capacity	kw	7.0	10.0	12.0	13.4
	SEER	–	7.0	7.0	7.0	7.0
Energy efficiency in heating season	Energy efficiency grade	–	A+	A+	A+	A+
	Designed heating capacity	kw	6.4	9.0	10.0	11.8
	SCOP	–	4.3	4.3	4.3	4.3
Indoor unit GUD**L/A-T			71	100	12.0	13.4
Unit dimension (H×W×D)		mm	1870×580×395	1870×580×395	1870×580×395	1870×580×395
Weight		kg	56	56	59	59
Air volume		m³/h	1100	1650	1650	1800
Sound pressure level noise		dB(A)	54	56	56	58
Sound power level noise		dB(A)	65	67	67	69
Refrigerant type		–	R32			
Power		–	220-240V/50Hz/1ph,208-230V/60Hz/1ph			
Outdoor unit GUD**W/NhA1-T			71	100	125	140
Unit dimension (H×W×D)		mm	790×920×370	1430×940×320	1430×940×320	1430×940×320
Weight		kg	65	120	120	120
Sound pressure level noise		dB(A)	53	53	54	54
Sound power level noise		dB(A)	64	64	65	65
Operation range for cooling		℃	-20℃ ~52℃			
Operation range for heating		℃	-20℃ ~24℃			
Refrigerant	Type	–	R32			
	Charging volume	kg	1.8	2.7	2.8	3.0
The longest connection pipe		m	50	65	75	75
Biggest drop between indoor unit and outdoor unit		m	25	30	30	30
Power		–	220-240V/50Hz/1ph,208-230V/60Hz/1ph			

Note: The products are under development. Parameters may be changed, please refer to the actual product.

Controller

air duct unit

Control Network

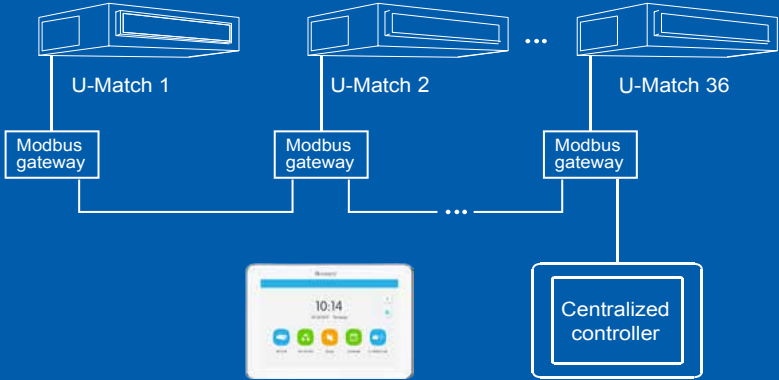


APP and WIFI

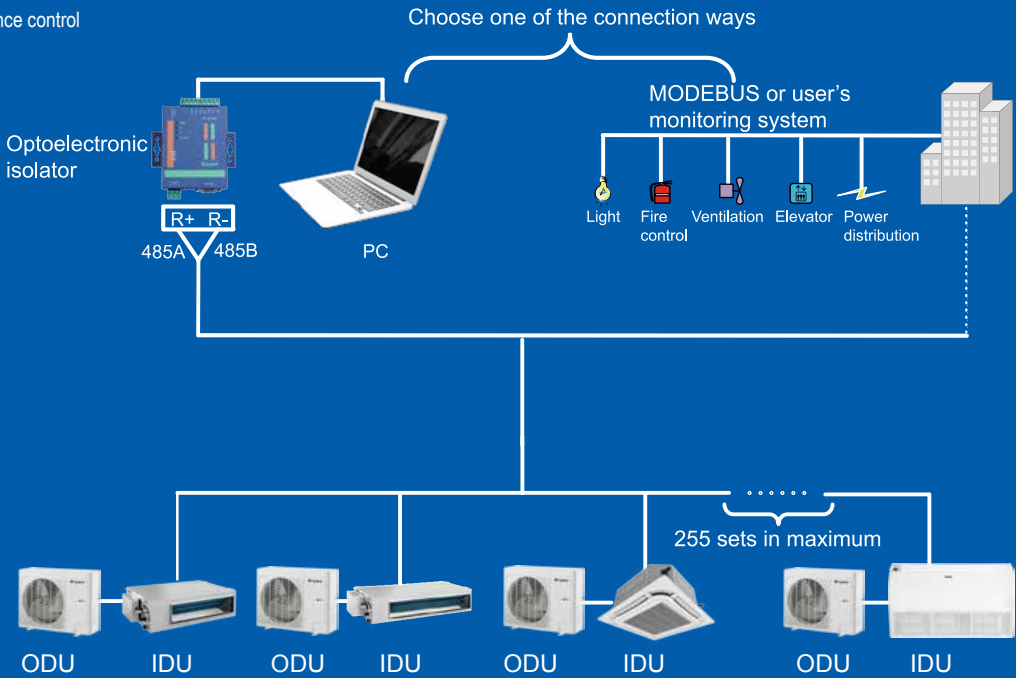


Centralized control

Model:CE52-24/F(C)
Dimension(H*W*D):128.2mm*185.2mm*54mm
Realize centralized control function; 36 indoor units at the most can be controlled.
Basic control for the unit: ON/OFF, mode, fan, temperature and so on.
Equipped with MODBUS gateway for operation.



Long distance control



Controller

air duct unit

• Modbus

Model:MG50-00/EG(M)
Dimension(H*W*D):54mm*102mm*20mm
Gateway interface module connected indoor unit network and Modbus network for realizing communication switchover. Connect the ex-factory standard 6-core communication wire of Modbus gateway with the needle stand on the main board of indoor unit.
Connect the screw terminal of Modbus gateway with the centralized controller/long-distance monitor.



• Dry contact*

Simple control for the unit can be realized through the dry contact gateway:
Input signal: ON/OFF, mode (heating/non-heating), fire signal
Output signal: on status, operation mode (heating/non-heating), error output
All input and output are interface of dry contact.

*Under development

• Access control

Model:MK03
It's applicable for hotel and other places. Pull out the card to turn off the unit; insert the card to resume previous operation status.
Compatible with strong current access control and weak current access control interfaces.

• Dual wired controllers

Dual wired controllers' configuration can be realized by setting: wired controllers can be installed at the doorway and the bedside, for convenient operation.



• Programmable wired controller

Model:XK75
Dimension(H*W*D):112mm*112mm*17mm
Features:
LCD with white background and black words
9 touch buttons
One Time Clock Timer
Daily Timer
Weekly Timer
Two Week Timer
Countdown Timer



• Wired controller

Model:XK117
Dimension(H*W*D):86mm*86mm*13mm
Features:
LCD with white background and black words
8 touch buttons
Fahrenheit
Swing fuction
I-demand function
Sleep function



U-Match
► [EU]
50/60Hz, R32





Note

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