

U-Match R32 Air Conditioners



Gree U-Match

The Gree "U-Match" Series DC Inverter Air Conditioners fall between residential and central air conditioners. Their capacity scope is wider than residential air conditioners ranging from 5.0 to 16.0kW. The range of indoor units includes ducted, cassette and under-ceiling types and they all utilize the same outdoor unit and thus come with many of the same great features.









Gree U-Match Air Conditioning Systems

The Gree U-Match Inverters are the next generation of climate control technology. Gree's energy efficient U-Match outdoor units are available in a full range of capacities to perfectly match a wide range of challenging climate control conditions.

Each U-Match is powered by Gree's own energy efficient G10 inverter module and variable speed compressor. Our G10 inverter technology saves energy, reduces outdoor noise and keeps room temperatures steady. Harsh startups have been eliminated with Gree's Closed Loop start up technology. This improves compressor start up reliability under limited start up current.

Combine Gree's G10 technology, closed loop start up, highly efficient DC inverter compressors, DC brushless fan motors, and computational fluid design, Gree's world class ISO9001 certified manufacturing facility and our 6 year warranty with local support and you have a compelling reason to choose Gree U-Match air conditioners.

Complete Product Line-Up

The Gree U-Match range now includes a Floor/Ceiling model to compliment the Cassette and Ducted models. This enables Gree to provide complete systems covering all requirements from the one reliable brand.



G10 Inverter

Our compressors intelligently regulate their running frequency. Utilizing the highly sensitive signal processes in the G10 inverter module the frequency of the compressor is altered to match the temperature required. When the desired temperature is achieved, the G10 inverter technology modulates the compressors frequency to maintain maximum comfort with minimal noise.

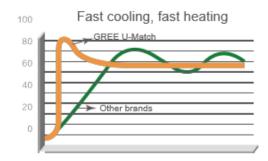
Low Noise

The Gree 180° Sine Wave DC Speed Varying technology offers precise control giving unceasing operation and accurate temperature stability. By operating over a wider frequency the compressor is less stressed giving superior reliability while offering lower noise levels.



Fast Heating and Cooling

The Gree U-Match range is capable of fast heating and cooling. Coupled with the "I Feel" function that enables the unit to check the actual temperature around the occupant the U-Match range gives superior comfort.



Wi-Fi Compatible (Optional)

The Gree U-Match range of air conditioners can be fitted with the optional G-Cloud Wi-Fi dongle*. Gree Wi-Fi is compatible with both Apple and Android. After installing the "Gree+" App (V1.9.3 or later) onto your phone or tablet, you can remotely control the air conditioner from anywhere in the world. Gree Wi-Fi works on 2.4GHz only, please allow for this on your modem.

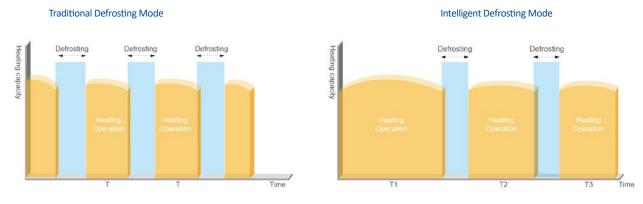


* Please refer to the optional extras page to select the correct WiFi dongle for your application.



Intelligent Defrosting

Gree Intelligent Defrosting Technology enables the unit to correctly judge the frost on its outdoor condenser using a temperature sensor. Defrosting is only performed when needed, for only as long as needed, which reduces energy waste by eliminating unnecessary defrosting.

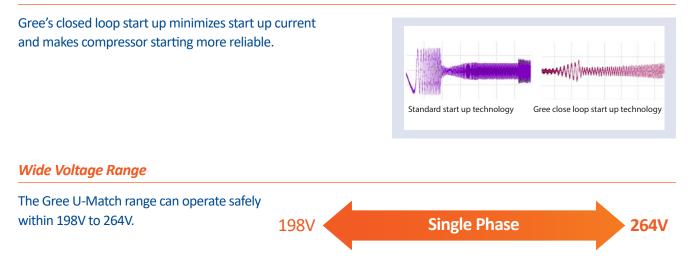


Note: This feature is fit for air conditioner models only.

Next Generation Refrigerant – R32

The Gree U-Match range uses R32 Refrigerant. R32 refrigerant is a better environmental option when compared to R410a as R32 refrigerant has a 68% lower Global Warming Potential (GWP). R32 also has superior energy efficiency, a higher refrigeration capacity and thermal conductivity so the refrigerant charge is also 30% less than R410a.

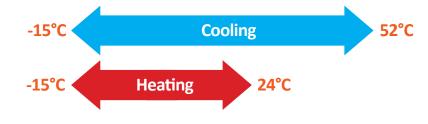
Closed Loop Start Up





Wide Temperature Operation

The Gree U-Match Air Conditioners are designed to operate efficiently over a wide temperature range. Cooling can be achieved from -15°C to 52°C and heating from -15°C to 24°C



Auto Restart

The U-Match range will automatically restart in the same mode and fan settings after a power outage.



Unit Protections

The U-Match range of air conditioners comes with a full package of unit protections to prevent major damage to the unit in adverse working conditions. In the case of a shutdown, error or fault codes will be displayed. This gives you peace of mind and confidence that your investment is well protected.





ow Pressure Protection



High Discharge

Temperature

Protection



Anti-Corrosion Outdoor unit

All Gree outdoor coils have the fin stock coated in Black Hydrophilic coating giving greater corrosion resistance and better defrosting. The indoor coils are all Gold Fin for corrosion resistance.

Hydrophilic Layer		
Black Protection Layaer (Epoxy Resin & Modified Acrylic)		
Al-Mn Anti-corrosive Alloy	7 🛄 📳	

Smart Installer Features

XE71-42/G Wired Wall Controller

The XE71-42/G wired wall controller comes standard with the Ducted, Cassette and Floor Consoles U-Match systems. This controller is modern and sleek and comes with many programmable features.

- Multiple timer controls from a one off timer to daily and weekly multi-event timers (8 on/off times for each day).
- Sleep modes.
- Absence / holiday function, this is used to ensure the indoor temperature remains at 8°C while you are away.
- Filter cleaning reminder Set an adjustable reminder to clean the filters every 100 to 10000 hours.
- Select whether you want the units temperature selection from the wired wall controller or the indoor unit.
- Fully adjustable auto mode for commercial settings like offices and shops.
- System parameters check: the user can check the systems parameters via the XE71-42/G which is convenient for commissioning and maintenance.
- Compulsory operation mode: once the unit is installed this clever setting can quickly check whether the operation is normal.
- Historical error check: available through the wired controller for both current and historical error reporting.
- Refrigerant recovery mode: if a malfunction occurs on the indoor unit the outdoor can be run to recover the refrigerant reducing the chances of a refrigerant leak and saving the cost of recharging the unit.



Installation Highlights

- The longest pipe connection is 75m
- The maximum height difference is 30m with an oil trap every 6m.
- Units pre-charged to 20m reducing the possibility of having to top up the refrigerant.
- Ducted and Cassette units come standard with condensate pumps and safety float switches.
- Both the interconnecting and the wired wall controller cables (2 x 0.75mm²) are non-polar for easier installation.
- Up to 255 U-Match units can be connected to a BMS control system.

Gree Cassette





Gree Cassette

Gree's Ceiling Cassette provides low noise performance through design and innovation. The Gree Ceiling Cassette is a one-stop solution for acclimatizing small and large commercial spaces. This flexible climate solution conveniently disappears above the surface of any rooms ceiling. Feature include a highly effective 4 way discharge of air, multi speed fan, individual swing louver control and a cleanable air filter giving the ceiling cassette core performance capabilities that are ideal for commercial climate control. The discreet display reveals only a subtle grille surface.

The Gree Ceiling Casstte unit is perfect for mid size commercial use, providing ideal climate conditions for medium to large business environments and commercial applications. The Gree Ceiling Cassette is operable by infrared remore control, or by the XK71 wired controller. Power failure recovery ensures that the unit will come back online in the event of a power outage. Flexibility, economy of design and innovation make the Gree Ceiling Cassette essential for creating ideal climate conditions.

360° Air Discharge

360° air discharge for balanced room temperature. Independent control of the swing blades so that each blade can be set to prevent drafts.

Dual Temperature

When matched with the wired wall controller you can select between the ambient air temperature sensors, either in the unit or on the wired wall controller to provide better control over the room temperature and improve comfort.

Fresh Air Connectability

With the addition of the optional fresh air kit, a fresh air duct can be connected directly to the unit to satisfy a rooms fresh air requirements.

Gree Ducted





Gree Ducted Air Conditioning Systems offer discreet heating and cooling for your home or work place and is tailored to fit perfectly into your environment. By adding zone control, it offers a higher level of control compared to traditional air conditioning units, which means a greater level of comfort and increased energy efficiency. Unlike hi-wall air conditioners, the Gree Ducted System is integrated into your home, office or floor space, this means' you will only see the grilles in the ceiling and controller on the wall, no bulky units taking up wall space. There are a wide range of grilles available to match in with your interior design and they can be positioned to suit the room size and shape to ensure even air distribution for maximum comfort with minimal noise. Gree Ducted Air Conditioning Systems can be installed into new builds or can be retro fitted into your existing home or office.

Adjustable ESP

Indoor units on the Gree Ducted Air Conditioning System all come with adjustable static pressure that can be adjusted on the controller during commissioning to ensure the best air flow and maximum comfort. There are 9 steps ranging from 10 to 200pa.

Superb Comfort Options

The Gree Ducted system comes with several features for greater user comfort. The "I-Feel" mode on the controller allows for accurate temperature sensing around the user. The user can select between this and the return air sensor in the unit to control the operation the air conditioner, therefore selecting the best degree of comfort. Gree Ducted Systems also have the ability to operate using dual controllers, i.e. one controller positioned in the living area and one in the master bedroom, thus providing convenient AC control.

Also Available

The new Gree Zone Control (Page 8) allows you to control the temperature in individual rooms from one central controller.

Gree Zone Controller



Gree Zone Controller

A possible draw back to any ducted system is the cost of cooling rooms that you are not using. This is no longer an issue, introducing the new Gree Zone Controller, with this you can simply switch off a zone or a room you are not using.

Designed and developed in collaboration between Gree China, New Zealand and Australia for use in our homes and Offices. The Gree Zone Controller takes comfort and energy efficiency to a new level. You can now control the temperature in individual zones/rooms.

With Wi-Fi control you can monitor and operate your ducted Systems from anywhere you have internet access via your mobile device. Whether you want to turn on your system so you arrive home to a warm house or just want to switch on the lounge before you get out of bed in the morning, you can.

Features

- 6" touch screen control monitor
- Set different temperatures in different rooms
- Controls up to 8 zones/rooms at the same time
- Wireless temperature sensors (battery operated supplied)
- Easy installation
- APP available for both Apple and Android phones



The standard system is supplied with the 6" touch screen control station, 4 wireless temperature sensors and the control box. *Dampers supplied separately. Additional room sensors available.

Gree Floor Ceiling





Gree Floor Ceiling

Gree Floor Ceiling units are designed to be suspended from a ceiling or mounted low on a wall. Gree Floor Ceiling units provide a flexible alternative to hi-walls, ducted and cassette units. With their sleek streamline design they are perfect for restaurants, stores, hallways and other applications where wall or ceiling space is limited.

The unit has automatic louver control between cooling and heating for better airflow and the louver closes completely when switched off.

Powerful airflow, auto restart and auto changeover coupled with the ceiling mount position make these units an excellent choice for server and electrical rooms.

Flexible Installation

The floor ceiling type air conditioner can be installed either against a wall at low level or hung from under a ceiling.



Wired or wireless Controllers Available

The standard unit comes with the XK71-42G wired wall controller. However, for domestic installations there is a wireless control option available.



Control Options

All units are supplied with the XE71-42G wired wall controller. Wireless remote controllers are also available. The U Match range of indoor units is equipped with an interface that can be connected with the Gree Smart Zone Controller in order to realize central control over 16 units without connecting the wired controller. This will enable individual units control or group control depending on requirements.



Gate Card Function (MK03)

The optional function is useful for hotels as an energy saving device. Once set up with the Gate Card accessory (MK03), the unit will start / stop when a card is detected by the gate control detection board. When the card is removed, the unit will turn to standby status.



Indoor unit mainboard



Gate control accessory

Dry Contact Gateway (ME30-42/E1)

Available gateway will allow for an input signal for on/off, mode control (cooling / non-cooling), fire signal and a forced off signal. Output signals for, on status, operation mode, error output, cold plasma and ventilation output.



Optional Extras

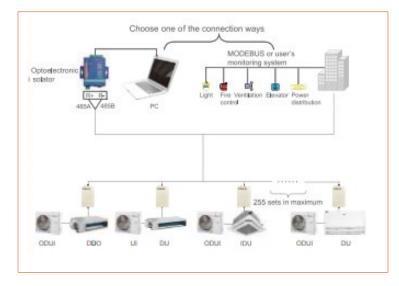
Central Control Option (CE52-24/F(C))

Through the Gree Modbus Gateway, 36 x U Match units can be connected to the Gree central controller.



Modbus Building Management Control and Long Distance Monitoring

The unit is standard with a MODBUS interface. If the unit is to be connected with the building management system, please consult Gree Australia (1800 4733 4 63) for the MODBUS protocol.



Gree WiFi Dongle

Small and compact design to allow control of your Gree U Match and Zone Control systems from wherever in the World you may be.

Product Code	Description				
ME31-00 / C13	To Connect Gree Zone Controller				
ME31-00 / C4	To Connect R32 Cassette - 7.1kW to 14kW				
ME31 - 00 / C6	To Connect R32 Ducted, Floor / Ceilling and 5kW Cassette				

Gree Cassette **Technical Specification**

Hodel Index GUD507/b-5 GUD107/b-5 GUD1007/b-5 GUD12517/b-5 GUD1007/b-5 Nodel Outdoor GUD5007/b-5 GUD1007/b-5 GUD1007/b-5 GUD12517/b-5 GUD1007/b-5 Copacity Cooling KW 5.30 7.10 10.00 12.50 13.64 Copacity Heating KW 5.80 8.00 12.00 13.50 16.00 Range Cooling KW 2.0-6.0 2.4-8.0 3.2-11 3.6-12.6 6.4-3 Power input Cooling KW 1.30 2.05 3.0.4 3.85 4.23 Power input Cooling KW 1.30 2.05 3.0.4 3.85 4.23 Power input Hooting KW 1.30 2.05 3.0.4 3.85 4.23 Power input Hooting Cooling 1.29 2.10 3.0.13.7 3.0.7.07.3 3.0.7.07.0 3.0.7.07.0 3.0.7.07.0 3.0.7.07.0 3.0.7.07.0 3.0.7.07.0 3.0.7.07.0 <	GUD100W/NhB-S GUD125W/NhB-S GUD12 TF06 TF06 TF06 GUD125W/NhB-S 7.10 10.10 12.50 12.50 8.00 12.00 13.50 12.20 2.4-8.0 3.2-11 3.6-12.8 0 2.2-9.0 3.0-13.5 3.6-14.5 0 2.05 3.04 3.85 0 2.10 3.04 3.85 0 2.10 3.04 3.25/3.21 3.1 /3.0/3.0 3.0/1.5/1.0 3.0/3.0/3.0 3.0 /3.0/3.0 3.0/3.0/3.0 3.0/3.0/3.0 3.0 /3.0/3.0 3.0/1.5/1.0 3.0/3.0/3.0 3.0 /3.0/3.0 3.0/3.0/3.0 3.0/3.0/3.0 3.0 /3.0/2.0/1.5 3.0 3.0/3.0/3.0 3.0 /3.0/3.0 3.0/3.0/3.0 3.0 3.0/3.0/3.0 /3.0/42.0/1.5 3.0/42.0/1.5 3.0 /3.0/42.0/1.5 3.0/42.0/1.5 3.0 /3.0/3.0/3.0 3.0/52.0/1.5 3.0		GUD50W/Nh B-S TF06 5.30 5.80 2.0-6.0 2.0-6.9 1.30 1.29 4.08 / 4.41 3.5 / 3.0 / 3.5	Outdoor Panel kW kW kW kW kW kW kW	Heating Cooling Heating Cooling Heating	Capacity Range				
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Renge Hearing Hearing Hearing Hearing HearingKW2.0-6.92.2-9.03.0-13.53.4-14.54.5-1Power input HearingKW1.302.053.043.854.22AEER / ACOVWW4.08 / 4.113.47 / 3.803.32 / 3.543.25 / 3.213.19 / 3AEER / ACOVWW4.08 / 4.013.47 / 3.803.32 / 3.543.25 / 3.213.0 / 3.0 / 3.0 / 3.0SEER Lobel Stars Deration the Heating°C3.5 / 3.0 / 3.53.0 / 3	3.0~13.5 3.6~14.5 2.2-9.0 3.0~13.5 3.6~14.5 2.05 3.04 3.85 2.10 3.40 4.2 47/3.80 3.32/3.54 3.25/3.21 3.1 /3.0/3.0 3.0/3.0/3.0 3.0/3.0/3.0/3.0 3.0 /2.0/1.5 3.0/1.5/1.0 3.0/3.0/3.0/3.0 3.0 /2.0/1.5 3.0/1.5/1.0 3.0/2.0/1.5 3.0 /3.0/2.0/1.5 3.0/1.5/1.0 3.0/2.0/1.5 3.0 /2.0/1.5 3.0/1.5/1.0 3.0/2.0/1.5 3.0 /3.0/2.0/1.5 3.0/1.5/1.0 3.0/2.0/1.5 3.0 /3.0/2.0/1.5 3.0/2.0/1.5 3.0 3.0 /3.0/2.0/1.5 3.0/2.0/1.5 3.0 3.0 /3.0/2.0/1.5 3.0/2.0/1.5 3.0 3.0 /3.0/2.0/1.5 3.0/2.0/1.5 3.0 3.0 /3.0/2.0/1.5 3.0/2.0/1.5 3.0 3.0 /3.0/2.0/1.5 3.0/2.0/1.5 3.0 3.0 /3.0/2.0/2.0/1.5 3.0/2.0/2.5 3.0 3.0<		1.30 1.29 4.08 / 4.41 3.5 / 3.0 / 3.5	kW kW kW W/W Cool	Heating Cooling Heating	-				
	2.05 3.04 3.85 2.10 3.40 4.2 47 / 3.80 3.32 / 3.54 3.25 / 3.21 3.1 /3.0 / 3.0 3.0 / 3.0 / 3.0 3.0 /		1.30 1.29 4.08 / 4.41 3.5 / 3.0 / 3.5	kW W/W Cool	Cooling Heating	Power input				
Power input Normal Meeting KW 1.29 2.10 3.40 4.2 4.99 AEER / ACOP WW 4.08 / 4.41 3.47 / 3.80 3.32 / 3.54 3.25 / 3.21 3.19 / 3 SEER Label Star Hot/Awe/Cold Cool 3.5 / 3.0 / 3.0 / 3.0 3.0 / 3.0 / 3.0 / 3.0 3.0 /	2.10 3.40 4.2 47 / 3.80 3.32 / 3.54 3.25 / 3.21 3.1 / 3.0 / 3.0 3.0 / 3.0 / 3.0 3.0 / 3.0 / 3.0 3.0 / 3.0 / 3.0 / 3.0 / 1.5 3.0 / 3.0 / 3.0 3.0 / 3.0 / 3.0 / 3.0 3.0 / 3.0 / 3.0 / 2.0 / 1.5 3.0 / 1.5 / 1.0 3.0 / 2.0 / 1.5 3.0 / 2.0 / 1.5 3.0 / 1.5 / 1.0 3.0 / 2.0 / 1.5 3.0 -15 ~ 52 -15 ~ 24 -15 ~ 24 -15 ~ 24 dard, XE71-42G wired controller, Optional, YAPIF6 remote controller 389 528 556 40 / 42 / 43 42 / 46 / 48 / 50 42 / 46 / 49 / 51 52 59 58		1.29 4.08 / 4.41 3.5 / 3.0 / 3.5	kW W/W Cool	Heating	Power input				
AER / ACM W/W 4.08 / 4.41 3.47 / 3.80 3.32 / 3.54 3.25 / 3.21 3.19 / 3 SEER Label Stars Hot/Ave/Cold Cool Heat Cool 4.0 / 3	47 / 3.80 3.32 / 3.54 3.25 / 3.21 3.1 / 3.0 / 3.0 3.0 / 3.0 / 3.0 3.0 / 3.0 / 3.0 3.0 / 3.0 / 3.0 3.0 / 1.5 / 1.0 3.0 / 3.0 / 3.0 / 3.0 3.0 / 2.0 / 1.5 3.0 / 1.5 / 1.0 3.0 / 2.0 / 1.5 3.0 / 3.0 / 3.0 / 1.5 / 1.0 3.0 / 2.0 / 1.5 3.0 3.0 / 3.0 / 1.5 / 1.0 3.0 / 2.0 / 1.5 3.0 3.0 / 1.5 ~ 52 -15 ~ 24 -15 ~ 24 -15 ~ 24 dard, XE71-42G wired controller, Optional, YAPIF6 remote controller 556 -15 ~ 24 389 528 556 -15 ~ 24 40 / 42 / 43 42 / 46 / 48 / 50 42 / 46 / 49 / 51 -15 ~ 25 52 59 58 -15 ~ 28 -15 ~ 28		4.08 / 4.41 3.5 / 3.0 / 3.5	W/W Cool	-					
SEER Label Stars Hot/Ave/Cold $\stackrel{Cool}{Heart}$ $\stackrel{3.5/3.0/3.5}{4.0/3.0/2.0}$ $\stackrel{3.0/3.0/3.0}{3.0/1.5/1.0}$ $\stackrel{3.0/3.0/3.0}{3.0/2.0/1.5}$ $\stackrel{3.0/3.0}{3.0/2.0/1.5}$ $\stackrel{3.0/3.0}{3.0/2.0/2}$ $\stackrel{3.0/3.0}{3.0/2.0/2}$ $\stackrel{3.0/3.0}{3.0/2.0/2}$ $3.0/3$	/ 3.0 / 3.0 3.0 / 3.0 / 3.0 3.0 / 3.0 / 3.0 3.0 / 3.0 / 3.0 / 2.0 / 1.5 3.0 / 1.5 / 1.0 3.0 / 2.0 / 1.5 3.0 -15 ~ 52 -15 ~ 24 dard, XE71-42G wired controller, Optional, YAP1F6 remote controller 389 528 556 40 / 42 / 43 42 / 46 / 48 / 50 42 / 46 / 49 / 51 52 52 59 58 6		3.5 / 3.0 / 3.5	Cool						
Image: Market in the standard state in the stat	-15 ~ 52 -15 ~ 24 dard, XE71-42G wired controller, Optional, YAPIF6 remote controller 389 528 556 40 / 42 / 43 42 / 46 / 48 / 50 42 / 46 / 49 / 51 52 59 58		4.0 / 3.0 / 2.0	Heat						
Operation term Control °C Image: Control of Control °C Image: Control of Control °C Image: Control of Control	-15 ~ 24 dard, XE71-42G wired controller, Optional, YAPIF6 remote controller 389 528 556 40 / 42 / 43 42 / 46 / 48 / 50 42 / 46 / 49 / 51 52 59 58			i 1		SEEK LADEI STATS				
System Operation Control-Standard, XE7I-42G wired controller, Optional, YAPIF6 remote controllerSystem Operation ControlK361389528556583Sound PressureK35 / 38 / 41 / 4339 / 40 / 42 / 4342 / 46 / 48 / 5042 / 46 / 49 / 51TBCSound PressureKKM35 / 38 / 41 / 4339 / 40 / 42 / 4342 / 46 / 48 / 5042 / 46 / 49 / 51TBCSound PressureKKKK5752595855Sound PressureKKKKKK5555Sound PressureKKKKKKKKK55Sound PressureKKKKKKKKKK55Sound PressureKKK <td< td=""><td>dard, XE71-42G wired controller, Optional, YAPIF6 remote controller 389 528 556 40 / 42 / 43 42 / 46 / 48 / 50 42 / 46 / 49 / 51 52 59 58</td><td></td><td></td><td></td><td>Cooling</td><td>Operation temp</td></td<>	dard, XE71-42G wired controller, Optional, YAPIF6 remote controller 389 528 556 40 / 42 / 43 42 / 46 / 48 / 50 42 / 46 / 49 / 51 52 59 58				Cooling	Operation temp				
Air Flow Volume(rate EXP) I/s 361 389 528 556 583 Sound Pressure Level (L/M/H/SH) dB (A) 35 / 38 / 41 / 43 39 / 40 / 42 / 43 42 / 46 / 48 / 50 42 / 46 / 49 / 51 TBC Sound Pressure Level Outdoor dB (A) 57 52 59 58 55 Sound Pressure Level Outdoor dB (A) 67 66 71 69 65 Sound Pressure Level Outdoor dB(A) 67 66 71 69 65 Sound Pressure Level Outdoor dB(A) 67 66 71 69 65 Power Supply VH2-Ph Electrical 16 20 32 40 Power Supply VH2-Ph Electrical 18.0 18.5 18.5 18.5 Input Current Cooling A 6.0 9.8 15.9 19.6 21.4 Indoor Dimensive WxDxH) mm 840x840x240 840x840x240 900x340 900x340 Panel Dimensiorus (WxDxH) mm 964x	389 528 556 40 / 42 / 43 42 / 46 / 48 / 50 42 / 46 / 49 / 51 52 59 58			°C	Heating					
Sound Pressure Image: Normal Sound Pressure Image: Normal Sound Pressure Marrier Marrier <t< td=""><td>40/42/43 42/46/48/50 42/46/49/51 52 59 58</td><td></td><td></td><td>-</td><td>on Control</td><td>System Operation</td></t<>	40/42/43 42/46/48/50 42/46/49/51 52 59 58			-	on Control	System Operation				
Sound Pressure dB (A) 57 52 59 58 55 Sound Power Level dB (A) 67 66 71 69 65 Sound Power Level dB (A) 67 66 71 69 65 Electrical Power Supply VHz-Ph Sound Power Level VHz-Ph Sound Power Level Sound Power Supply VHz-Ph Sound Power Supply Sound Power Supower Supply	52 59 58	;	361	l/s	(rated EXP)	Air Flow Volume(r				
Sound Power Level dB(A) 67 66 71 69 65 Sound Power Supply VH2-PA Sound Sou			35 / 38 / 41 / 43	dB (A)	Level (L/M/H/SH)	Sound Pressure L				
$\begin{tabular}{ c c c c c } \hline left (a) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c$	66 71 69		57	dB (A)	Level Outdoor	Sound Pressure L				
Power Supply V-Hz-Ph $220-240-50/60-1$ Recommended true Breaker A 16 20 32 40 Input Current Cooling A 6.1 9.6 14.2 18.0 18.5 Input Current Heating A 6.0 9.8 15.9 19.6 21.4 Indoor Dimensity Mm A840×8240 A840×820 900x340x Outdoor Dimensity (W×D×H) Mm 964x3×698 940x4×820 900x340x Panel Dimensity (WxD×H) Mm 964x3×698 940x4×820 900x340x Indoor Net Weight Mm 29 33 33 36 Outdoor Net Weight kg 29 29 33 31 36 Outdoor Net Weight kg 47 53 83 91 106			67	dB(A)	Sound Power Level Outdoor					
Recommended Lincuit BreakerA1620 $3 = -5$ 40Input CurrentCoolingA6.19.614.218.018.5HeatingA6.09.815.919.621.4Dimensions and WeightsIndoor Dimensions (W×D×H)mm840×840×240840×840×290900×340×Outdoor Dimensions (W×D×H)mm964×340×698940×450900×340×Outdoor Dimensions (W×D×H)mm964×340×698940×552900×340×Indoor Net Weightkg2929333336Outdoor Net Weightkg47538391106Panel Net Weightkg47538391106	Electrical									
Import Current Import Cooling A 6.1 9.6 14.2 18.0 18.5 Heating A 6.0 9.8 15.9 19.6 21.4 Import Current Heating A 6.0 9.8 15.9 19.6 21.4 Import Current Import Current Import Current Import Current Import Current 19.6 21.4 Indoor Dimensi- Import Current Import Current <t< td=""><td>220-240-50 / 60-1</td><td>V-Hz-Ph</td><td colspan="3">Power Supply</td></t<>	220-240-50 / 60-1	V-Hz-Ph	Power Supply							
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	20 32	16 20		Α	Circuit Breaker	Recommended C				
Heating A 6.0 9.8 15.9 19.6 21.4 Dimensions and Weight Indoor Dimensions (WxDxH) mm 840x840x240 840x840x290 900x340x Outdoor Dimensions (WxDxH) mm 964x340x698 940x450x820 900x340x Panel Dimensions (WxDxH) mm 964x340x292 950x950x52 900x340x Indoor Net Weight kg 29 29 33 33 36 Outdoor Net Weight kg 47 53 83 91 106 Panel Net Weight kg	9.6 14.2 18.0		6.1	Α	Cooling	Input Current				
Indoor Dimensions (WxDxH)mm $840 \times 840 \times 240$ $840 \times 840 \times 290$ Outdoor Dimensions (WxDxH)mm $964 \times 340 \times 698$ $940 \times 460 \times 820$ $900 \times 340 \times 950 \times $	9.8 15.9 19.6		6.0	Α	Heating					
Outdoor Dimensions (W×D×H) mm 964x340x698 940x460x820 900x340x Panel Dimensions (WxDxH) mm	nsions and Weights	0								
Panel Dimensions (WxDxH) mm 950x950x52 Indoor Net Weight kg 29 33 33 36 Outdoor Net Weight kg 47 53 83 91 106 Panel Net Weight kg	840×840×290	840×24	840×84	mm	ns (W×D×H)	Indoor Dimension				
Indoor Net Weight kg 29 29 33 33 36 Outdoor Net Weight kg 47 53 83 91 106 Panel Net Weight kg	940x460x820 900x	964x340x698			Outdoor Dimensions (W×D×H)					
Outdoor Net Weight kg 47 53 83 91 106 Panel Net Weight kg	950×950×52	mm	Panel Dimensions (WxDxH)							
Panel Net Weight kg 6	29 33 33	<u> </u>	29	kg	· · ·					
	53 83 91	+	47	kg						
	6	kg								
Drain Connection mm Pump & 25mm x 1.5mm	Pump Φ 25mm x 1.5mm	mm	Drain Connection							
		mm	Condensate Pump Lift & Head							
Installation										
Connection Type - Flare				.		Connection Type				
Liquid Pipe mm (in) 6.35 (1 / 4") 9.52 (3 / 8")			6.35 (1 / 4")							
Outer Diameter Gas Pipe mm (in) 12.7 (1 / 2") 15.88 (5 / 8")		+				Outer Diameter				
Max Pipe Height m 20* 25* 30*		+								
					-					
Distance Cengin III 35 36 65 75		+			-	Distance				
Charge kg 1.3 1.97 3.02 3.17 4.1	1.97 3.02 3.17	+			-	Refrigerant R32				
	20			-						
Power Supply Outdoor Unit mm² 3 x 2.5 3 x 4.0 3 x 6.	25 35	x 2.5	3 x							
Power Interconnection mm ² 3 x 1.0	25 35 35 3×4.0 3	3 × 1.0								
Communication wiring mm ² 2 x 0.75	25 35 35 3×4.0 3		2 x 0.75							
Wall Controller wiring mm ² 2 x 0.75	25 35 35 3 x 4.0 3 x 1.0				Wall Controller wiring					

Gree Ducted Technical Specification

$ \begin{array}{ $		Туре		Ducted								
JordeorGUDSDW/NH:8-5GUDSDW/NH:5GUDSDW/NH:5GUDSDW/NH:5GUDSDW/NH:5GUDSDW/NH:5 <th< td=""><td colspan="2" rowspan="2">Model</td><td>Indoor</td><td>GUD50PS/B-S</td><td>GUD71PHS/B-S</td><td colspan="2">GUD100PHS/B-S GUD125PHS/B-S</td><td>GUD140PHS/B-S</td><td>GUD160PHS/B-S</td></th<>	Model		Indoor	GUD50PS/B-S	GUD71PHS/B-S	GUD100PHS/B-S GUD125PHS/B-S		GUD140PHS/B-S	GUD160PHS/B-S			
Cooling kW 5.3 7.1 9.5 12.5 13.8 16 Range Coling kW 5.8 8.0 12.0 13.5 16.0 8.0 Range Coling kW 2.0-6.0 2.4-8.0 3.2-11 3.6-12.8 6.8-16 6.9-17 Participut II Coling kW 1.32 1.97 2.95 3.75 4.3 4.90 Rest ACOP KW 1.41 2.05 3.5 3.0/3.0/3.0 3.0/2.5/1.8 3.3/2.5 3.0/3.0/3.0 3.0/2.5/1.8 3.0/3.1.8 3.3/2.50/1.8 3.0/2.5/1.8 3.0/3.1.8 3.0/3.0/3.0 3.0/2.5/1.8 3.0/3.1.8 3.0/3.0/3.0 3.0/2.5/1.8 3.0/3.1.8 3.0/3.0/3.0 3.0/2.5/1.8 3.0/3.1.8 3.0/3.0/3.0 3.0/2.5/1.8 3.0/3.1.8 3.0/3.0/3.0 3.0/2.5/1.8 3.0/3.1.8 3.0/3.0/3.0 3.0/2.5/1.8 3.0/3.1.8 3.0/3.0/3.0 3.0/2.5/1.8 3.0/2.6/1.8 3.0/2.6/1.8 3.0/2.6/1.8 3.0/2.6/1.8 3.0/2.6/1.8 3.0/2.6/1.8 3.0/2.6/1.8 3.0/2.6/1.8			Outdoor	GUD50W/Nh B-S	GUD71W/Nh B-S	GUD100W/NhB-S	GUD125W/NhB-S	GUD140W/NhB-S	GUD160W/NhB-S			
Capacity Hi Heatingkw5.86.012.013.516.018.0Range HeatingKW2.0-6.02.4-8.03.2-113.6-12.86.8-166.0-77Normer Invert HeatingKW2.0-6.92.2-9.03.0-13.53.6-12.86.4-177.0-19Rower Input Hi HeatingKW1.112.053.54.04.5.77.0-19RER / ACC/PKW1.112.053.54.04.5.73.37/3.63.37/3.63.37/3.63.33/3.63.33/3.63.33/3.63.33/3.63.33/3.63.33/3.63.33/3.63.33/3.63.33/3.63.33/3.63.33/3.63.33/3.63.33/3.63.30/2.6/1.3.30/2.6/1.3.30/2.6/1.3.30/2.6/1.3.37/2.6/1		Performance										
Image Range Range NoGolng ColngKW0.3.60.0.00.2.0.00.2.0.00.2.0.13.00.3.013.40.4.0.140.6.017Poweringe/TI HearingKW0.2.0.4.00.2.0.00.3.0.13.00.3.0.13.00.3.0.14.04.4.3.170.7.019Poweringe/TI HearingKW0.12.20.3.0.7.5.70.3.0.13.00.3.0.14.04.4.3.50.5.15AEEP/ACOPVW0.3.90/603.5.7 J.310.2.57.3.40.3.0.7.5.70.3.7.5.70.3.7.5.70.3.7.5.70.3.7.5.70.3.7.5.70.3.7.5.70.3.7.5.70.3.7.5.70.3.7.5.70.3.7.5.70.3.7.5.70.3.7.5.70.3.7.5.70.3.7.5.70.3.7.5.7 <t< td=""><td></td><td>Cooling</td><td>kW</td><td>5.3</td><td>7.1</td><td>9.5</td><td>12.5</td><td>13.8</td><td>16</td></t<>		Cooling	kW	5.3	7.1	9.5	12.5	13.8	16			
Range HearingKwi2.2-6.93.0-13.53.6-14.54.5-177.0-17Power Input III HearingKwi1.321.972.953.754.34.90RecK ACOPKwi1.122.053.54.04.353.51SER Lobel Sam Pomer InternationKwi1.112.053.54.04.353.37.35SER Lobel Sam HearingKwi1.112.053.57.3413.37.353.07.30.1303.07.25.7.3SER Lobel Sam Pomer InternationColing3.37.353.07.25.7.33.07.25.7.33.07.30.1303.07.25.7.33.07.30.1303.07.25.7.3SER Lobel Sam Pomer InternationColing3.37.353.07.25.7.33.07.25.7.53.07.30.1303.07.30.7.303.07.25.7.5Ser Lobel Sam Pomer InternationColing3.37.353.07.25.7.33.07.25.7.53.07.20.7.53.07.20.7.5Ser Lobel Sam Pomer InternationFileS.36S.55S.55S.55S.55S.55Ser Lobel Sam Pomer InternationFileS.55S.55S.55S.55S.55S.55Ser Lobel Sam Pomer InternationFileS.55S.55S.55S.55S.55S.55Ser Lobel Sam Pomer InternationFileS.55S		Heating	kW	5.8	8.0	12.0	13.5	16.0	18.0			
Index magnet bodyKw2.06.92.20.03.0-1.5.43.4.4.44.4.5-77.0.7.9Power input filteringKw1.321.972.953.7.54.4.34.5.9Power input filteringKw1.412.053.54.04.3.55.5.5SER Lobel SonInd/Awa/ColdGeods3.5.7.5.03.07.2.5.7.33.07.2.5.7.33.07.3.0.7.3.53.07.3.6.7.8.5SER Lobel SonInd/Awa/ColdGeods3.5.7.5.03.07.2.5.7.33.07.2.5.7.33.07.2.5.7.33.07.3.0.7.3.53.07.3.5.7.3.5SER Lobel SonInd/Awa/ColdGeods3.5.7.5.03.07.2.5.7.33.07.2.5.7.33.07.3.0.7.3.53.07.2.5.7.33.07.3.0.7.3.53.07.2.5.7.3Operation toringCoolingTCIndex Son3.07.2.5.7.33.07.2.5.7.33.07.2.5.7.33.07.2.5.7.33.07.3.0.7.3.53.07.2.5.7.3Stratt Department ControlTCIndex Son3.5.7.5.7.33.07.2.5.7.33.07.2.5.7.33.07.2.5.7.33.07.2.5.7.3Stratt Department ControlTCIndex Son3.5.7.5.7.33.07.2.7.33.07.2.5.7.33.07.2.5.7.33.07.2.5.7.3Stratt Department ControlTCIndex SonIndex SonIndex SonIndex SonIndex SonIndex SonStratt Department ControlIndex SonIndex SonIndex SonIndex SonIndex SonIndex SonIndex SonStratt Department ControlIndex SonIndex SonIndex SonIndex SonIndex SonIndex SonIndex Son<	Papao	Cooling	kW	2.0~6.0	2.4~8.0	3.2~11	3.6~12.8	6.8~16	6.0~17			
<table-container>Perminpent IncomingKeWLA12.053.54.04.355.13AEER / ACOPWW3.59 / 4.063.55 / 3.813.27 / 3.43.33 / 3.53.21 / 3.683.33 / 3.5SEER Label JongMed/Aw/CoddCol3.55 / 3.0 / 3.03.0 / 2.5 / 3.3.0 / 2.5 / 3.3.0 / 2.5 / 3.3.0 / 3.0</table-container>	Kunge	Heating	kW	2.0~6.9	2.2~9.0	3.0~13.5	3.6~14.5	4.5~17	7.0~19			
<table-container>IdentityKewI.1412.053.43.4.04.6.03.5.7.3.6AER / ACOV AER / ACOV STAL Rate NameNove Name3.5.7.3.6.03.5.7.3.7.3.03.5.7.3.7.3.03.5.7.3.7.3.03.5.7.3.7.3.03.5.7.3.7.3.03.5.7.3.7.3.03.5.7.3.7.3.03.5.7.3.7.3.03.5.7.3.7.3.03.5.7.3.7.3.03.5.7.3.7.3.03.5.7.3.7.3.03.5.7.3.7.3.03.5.7.3.7.3.03.5.7.3.7.3.03.5.7.5.7.00<td colspan="2" rowspan="2">Power input H1</td><td>kW</td><td>1.32</td><td>1.97</td><td>2.95</td><td>3.75</td><td>4.3</td><td>4.90</td></table-container>	Power input H1		kW	1.32	1.97	2.95	3.75	4.3	4.90			
SEER Label Stars Coole <td>kW</td> <td>1.41</td> <td>2.05</td> <td>3.5</td> <td>4.0</td> <td>4.35</td> <td>5.15</td>			kW	1.41	2.05	3.5	4.0	4.35	5.15			
Sack data interpretation performance performance performance 	AEER / ACOP		w/w	3.99 / 4.06	3.55 / 3.81	3.25 / 3.44	3.33 / 3.5	3.21 / 3.68	3.33 / 3.56			
Operation beingvc	SEER Label Stars	Hot/Ave/Cold							3.0 / 2.5 / 3.0 3.0 / 2.0 / 1.5			
Index of the probability of the p	Oncration town	Cooling	°C			-15 ~ 52			-18 ~ 52			
Air flow Volume i/end effectionV/s306389555555611888BCP RangePaQ25Q25Q37	operation temp	Heating	°C	-15 ~ 24								
Rend BDP RangePm2.52.53.7	System Operatio	n Control	-			Standard, XE71-42	G wired controller					
<table-container>ESP lengenIndegenIndegenIndegenIndegenIndegenIndegenIndegenIndegenIndegenSound Prover LevdB(A)37/38/40/4)37/39/41/4440/42/45/4641/42/43/4741/44/47/4940/42/45/45Sound Prover LevdB(A)G1626568696666FerringendB(A)G16265686966<td< td=""><td>Air Flow Volume</td><td>(rated ESP)</td><td>l/s</td><td>306</td><td>389</td><td>555</td><td>555</td><td>611</td><td>888</td></td<></table-container>	Air Flow Volume	(rated ESP)	l/s	306	389	555	555	611	888			
<table-container>lengePa10-8010-15010-17510-17510-17510-100Sound Persure LeveldB (A)37 / 39 / 41 / 4440 / 42 / 45 / 4641 / 42 / 43 / 4741 / 44 / 47 / 4940 / 42 / 45 / 45Sound Persure LeveldB (A)06265666666Secure Level Level6462656666Power SupplyV-Hz-PV-Hz-P20-24-25-5550-177070Recommender Level RecordsA16203272727272Power SupplyMA6.69.610.610.720.122.923.1Inder GeingA6.69.610.610.720.122.924.1Inder GeingA6.69.61000-700:3001400-720.324.1Inder GeingA6.69.61000-700:3001400-720.324.1Inder GeingA6.69.61000-700:3001400-720.324.1Inder GeingA6.69.61000-700:3001400-71150:700:301Other GeingA6.69.61000-700:3001400-71150:700:301Inder GeingA6.69.63.17.51150:700:301Other GeingA7.57.57.5117Other GeingA6.55 (7.1<t< td=""><td>ESP</td><td>Rated</td><td>Ρα</td><td>25</td><td>25</td><td>37</td><td colspan="2">50</td><td></td></t<></table-container>	ESP	Rated	Ρα	25	25	37	50					
Sound Power Lev UvidiordB (A)6 16 26 56 86 96 6BeakerA6 12022.0-24.5/76.1Recommended TransformA16203.817.520.122.9Input CurrentA6.6.29.213.817.520.122.9Input CurrentA6.6.69.616.418.720.324.1Indoor DimensiveM1000x450x200900x655x2601000x700x3001400*1150x720x35Outdoor DimensiveM1000x450x200900x655x2601000x700x3001400*		Range	Ρα	10~80	10~150	10~175	10~200					
Beekric W-Leve	Sound Pressure Level (L/M/H/SH)		dB (A)	37 / 38 / 40 / 41	37 / 39 / 41 / 44	40 / 42 / 45 / 46	41 / 42 / 43 / 47	41 / 44 / 47 / 49	40 / 42 / 45 / 48			
Power SupplyV-Hz-PiV-Hz-Pi220-34 (Sound Power Lev	vel Outdoor	dB (A)	61	62	65	68	69	66			
Recommended Function A 16 20 32 -16 20 -12 <	Electrical											
$\begin{split} \begin{tabular}{ c c c c c c } & A & A & A & A & A & A & A & A & A & $	Power Supply V-Hz-Ph			220-240-50 / 60-1								
	Recommended Circuit Breaker		Α	16	20	32 44			0			
$\begin{tabular}{ c $	Innut Cumont	Cooling	Α	6.2	9.2	13.8	17.5	20.1	22.9			
	Input Current	Heating	Α	6.6	9.6	16.4	18.7	20.3	24.1			
	Indoor Dimension	ns (W×D×H)	mm	1000x450x200	900x655x260	1000x700x300 1400x70		00x300	1150x720x350			
Outdoor Net Weightkg47538392106117Drain Connectionmmmm $-$ Pump 4 20mPump 4 20mPump 4 20mCondensate Pump Lift & Headmmmm $ -$	Outdoor Dimensions (W×D×H) r		mm	964x340x698		940x460x820		900x340x1350	940x320x1430			
Drain ConnectionmmmmPump $25mm$, Gravity Drain $4 \ge 0mm$ Pump $42mm$ Condensate Pump Lift & Headmmmm $0 = 0 = 0 = 0$ $0 = 0 = 0$ $0 = 0 = 0 = 0$ InstallationConnection Type-FlarePump $42mm$, Gravity Drain $4 \ge 0mm$, Gravity D	Indoor Net Weight		kg	26	30	41	57	57	57			
Condensate PurplemmmmImage: Condensate PurplemmmmImage: Condensate PurpleImage: Conde	Outdoor Net Weight		kg	47	53	83 92		106	117			
$\begin{tabular}{ c c c c } \hline link \begin{tabular}{ c c c } link \begin{tabular}{ c c c c } link \begin{tabular}{ c c c } link \begin{tabular}{ c c c c c c } link \begin{tabular}{ c c c c c c c } link \begin{tabular}{ c c c c c c c } link \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	Drain Connection r		mm	Pump Φ 25mm, Gravity Drain Φ 20mm Pump Φ 20mm								
Connection Type - 6 Generation Section Sectin Sectin Section Section Section Sectin Section Secti	Condensate Pump Lift & Head mm			n 1000								
Indication of the second se					Installa	tion						
		connection Type - Flare										
Gas Pipe mm (in) 12.7 (1 / 2") 15.88 (5 / 8") Max Pipe Distance Height m 20° 25° $$	Outer Diameter	Liquid Pipe	mm (in)	6.35 (1 / 4") 9.52 (3 / 8")								
Mix Pipe Distance m m 35 50 65 -75 Length m 35 50 65		Gas Pipe	mm (in)	12.7 (1 / 2")		15.88 (5 / 8")						
Refrigerant R32 Charge kg 1.3 1.97 3.02 3.17 4.1 4.5 Refrigerant R32 Pre-charged m 15 $$	Max Pipe	Height	m	20*	25*	30		0*				
Refrigerant R32 Pre-charged m 15 20 Additional gas charge g/m 20 25 35 40 Power Supply Outdoor Unit m² 3 × 2.5 3 × 4.0 3 × 6.0	Distance	Length	m	35	50	65		75				
Additional gas charge g/m 20 2 3 40 Power Supply Outdoor Unit mm² 3 × 2.5 3 × 4.0 3 × 6.0	Refrigerant R32	Charge	kg	1.3	1.97	3.02	3.17	4.1	4.5			
Power Supply Outdoor Unit mm² 3 x 2.5 3 x 4.0 3 x 6.0		Pre-charged	m	15		20						
		Additional gas charge	g/m	20	2	5 3		5 40				
Power Interconnection mm ² 3 x 1.0	Power Supply	Outdoor Unit	mm²	3 x	3 x 2.5		3 x 4.0 3 x					
	Power Interconne	Power Interconnection mm ²		3 x 1.0								
Communication wiring mm ² 2 x 0.75	Communication	wiring	mm²			2 × 0	0.75					
Wall Controller wiring mm² 2 x 0.75	Wall Controller w	viring	mm²			2 ×	0.75					
Supply WxH mm 885 x 122 743 x 219 751 x 197 1151 x 197 1151 x 197 853 x 194	Plenum opening	Supply WxH	mm	885 x 122	743 x 219	751 x 197	1151 x 197	1151 x 197	853 x 194			
Return WxH mm 1000 x 200 900 x 260 962 x 264 1362 x 264 954 x 316	opening	Return WxH	mm	1000 × 200	900 x 260	962 x 264	1362	x 264	954 x 316			

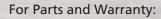
* oil return bend every six metres

Gree Under Ceilling Technical Specification

Туре			Under Ceiling							
Model		Indoor	GUD50ZD/B-S	GUD71ZD/B-S	GUD100ZD/B-S	GUD125ZD/B-S	GUD140ZD/B-S			
		Outdoor	GUD50W/NhB-S	GUD71W/NhB-S	GUD100W/NhB-S	GUD125W/NhB-S	GUD140W/NhB-S			
			Performance							
	Cooling	kW	5.3	7.1	10.1	12.0	13.2			
Capacity	Heating	kW	5.8	8.0	12.0	14.0	16.0			
	Cooling	kW	2.0~6.0	2.4~8.0	3.2~11	3.6~12.8	6.35~16			
Range	Heating	kW	2.0~6.9	2.2~9.0	3.0~13.5	3.6~14.5	4.5~17			
	Cooling	kW	1.36	2.00	3.00	3.75	4.12			
Power input	Heating	kW	1.51	2.25	3.50	4.20	4.30			
EER / COP		ww	3.9 / 3.85	3.55 / 3.56	3.37 / 3.43	3.14 / 3.19	3.2 / 3.72			
TCSPF/HSPF Label Stars	Hot/Average/Cold	Cool Heat	3.5 / 3.0 / 3.0 3.5 / 2.5 / 2.0	3.0 / 3.0 / 3.0 2.5 / 2.0 / 1.5	3.0 / 2.5 / 3.0 3.0 / 1.5 / 1.0	3.0 / 3.0 / 3.0 3.0 / 2.0 / 1.5	3.0 / 3.0 / 3.0 3.0 / 1.5 / 1.0			
	Cooling	°C			-15~52					
Operation Temp	Heating	°C			-15~24					
System Operation (Control	-		Standard, XE71-42G w	ired controller, Optional, YA	P1F6 remote controller				
Air Flow Volume(rat	ted EXP)	l/s	306	361	472	583	638			
Sound Pressure Lev	vel (L/M/H/SH)	dB (A)	37 / 40 / 46 / 49	39 / 43 / 45 / 46	44 / 47 / 50 / 52	45 / 49 / 50 / 52	46 / 49 / 51 / 52			
Sound Pressure Lev	el Outdoor	dB (A)	57	52	59	58	57			
Sound Power Level Outdoor		dB (A)	67	66	71	69	72			
Electrical										
Power Supply V-Hz-		V-Hz-Ph								
Recommended Circuit Breaker		Α	16 20			32 40				
Input Current	Cooling	Α	6.4	9.4	14.0	17.5	19.3			
	Heating	Α	7.1	10.5	16.4	19.6	20.1			
			[Dimensions and Weights						
Indoor Dimensions Ceiling		mm	870x665x235	1200×6	1570x6	65x235				
(W×D×H) Floor		mm	870x235x665 1200x		35x665	1570x2	1570x235x665			
Outdoor Dimensions (W×D×H)		mm	892x340x698		940×46	0x820	900x340x1350			
Indoor Net Weight		kg	26	31	33	40	42			
Outdoor Net Weight		kg	47	53	83	91	95			
Drain Connection mm		mm	Φ 17mm × 1.5							
Condensate Pump Lift & Head mm			n/a							
				Installation						
Connection Type		-			Flare					
Outer Diameter	Liquid Pipe	mm (in)	6.35 (1 / 4")		9.52 (3 / 8")					
	Gas Pipe	mm (in)	12.7 (1 / 2")		15.88 (5 / 8")					
Max Pipe Distance	Height	m	20*	25*		30*				
	Length	m	35	50	65	7	5			
Refrigerant R32	Charge	kg	1.3	1.97	3.02	3.17	4.1			
	Pre-charged	m	15		20					
	Additional gas charge	g/m	20	2	5		35			
Power Supply	Outdoor Unit	mm²	3 x	2.5	3 x	4.0	3 x 6.0			
Power Interconnect	lion	mm²			3 x 1.0					
Communication wi	ring	mm²			2 x 0.75					
Wall Controller wiri	ng	mm²			2 x 0.75					
	-									

* oil return bend every six metres

For Installation and Sales:





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