GREE
AIR CONDITIONERS

U-Match Ducted Air Conditioning



Find out more at www.greeac.com.au

6 GREE YEAR WARRANTY



Diamond Protection

Built for Australia's demanding conditions, Diamond Protection delivers enhanced corrosion resistance to help preserve the performance, appearance and reliability of your air conditioning system.

Inspired by the enduring strength and resilience of a diamond, this advanced protective coating provides an additional layer of defence against corrosion in coastal and moderate industrial environments. The result is greater durability, longer-lasting performance and added peace of mind in challenging conditions.

Engineered to withstand the elements, Diamond Protection helps ensure your investment continues to perform when it matters most.

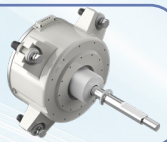


Reliability - Anti-Corrosion

1 **Fastener**
Zinc-Nickel alloy plating; 316/304 stainless steel screws/bolts



2 **Motor**
End cover: zinc magnesium aluminum alloy; motor shaft: stainless steel

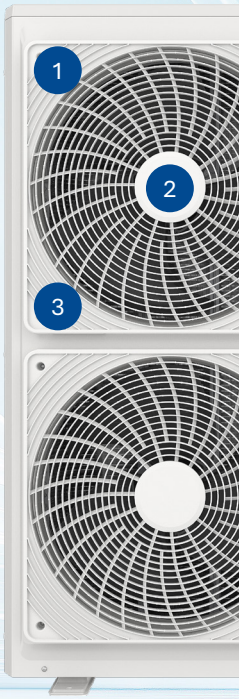


3 **Condenser**
Black acid-resistant aluminum foil; U-pipe, liquid-distribution head and others'surface spraying special heavy-duty paint



4 **Pressure Vessel**
Apply special heavy-duty anti-corrosion paint







Don’t settle for standard. Choose Gree Quality.

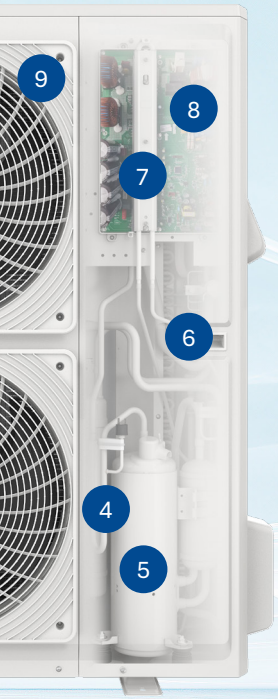
C3 Corrosion Protection

For installations where equipment is exposed to a more demanding environment, C3 corrosion protection provides an additional level of protection against corrosion and helps extend the service life of the equipment.

The C3 coating system is designed to provide enhanced protection to key components, particularly the outdoor coil and exposed metal surfaces, helping the unit withstand environments where moisture, humidity and airborne contaminants can accelerate corrosion.

C3 protection give added protection for coastal locations, industrial areas, agricultural environments and other sites where standard factory protection may not provide sufficient long-term protection.

By selecting a Gree Ducted with C3 corrosion protection, you are investing in improved durability and reliability from day one. It can help reduce corrosion-related deterioration, maintain heat-exchanger performance and ultimately protect the overall investment in the HVAC system.



5 **Compressor**
Apply anti-corrosive special heavy-duty paint



6 **Magnetic Coil**
Zinc-Nickel alloy coating



7 **Electrical Box**
Pure polyester powder
(weather resistant white) spraying



8 **PCB**
Three-Layer three resin loating



9 **Sheet Metal**
Pure polyester powder
(weather resistant white) spray



Product Lineup

Advanced Comfort, Designed for Modern Living

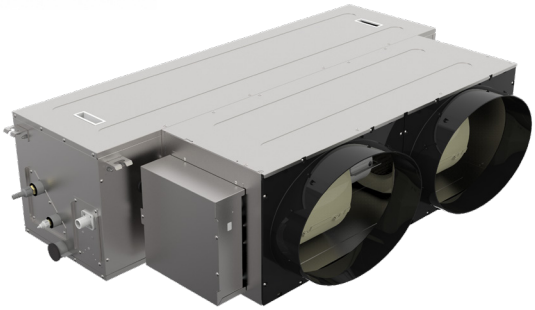
The latest GREE U-Match R32 Ducted Air Conditioners combine innovative technology with smart engineering to deliver reliable, energy-efficient comfort throughout your home.
Featuring advanced compressor technology, improved heat exchange performance and precision-engineered airflow design, these systems are built to heat and cool your home more effectively and efficiently.
By combining the latest technology with thoughtful design, GREE U-Match air conditioners provide powerful climate control while blending seamlessly into your home and lifestyle.



7.1kW

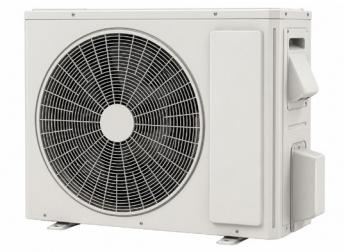


10kW



12.5 - 18kW

The Gree U-Match R32 ducted heat pumps come in 7 different models*, with adjustable air flows, there is a perfect model for your home.



7.1 / 10/ 12.5kW



14 - 18kW

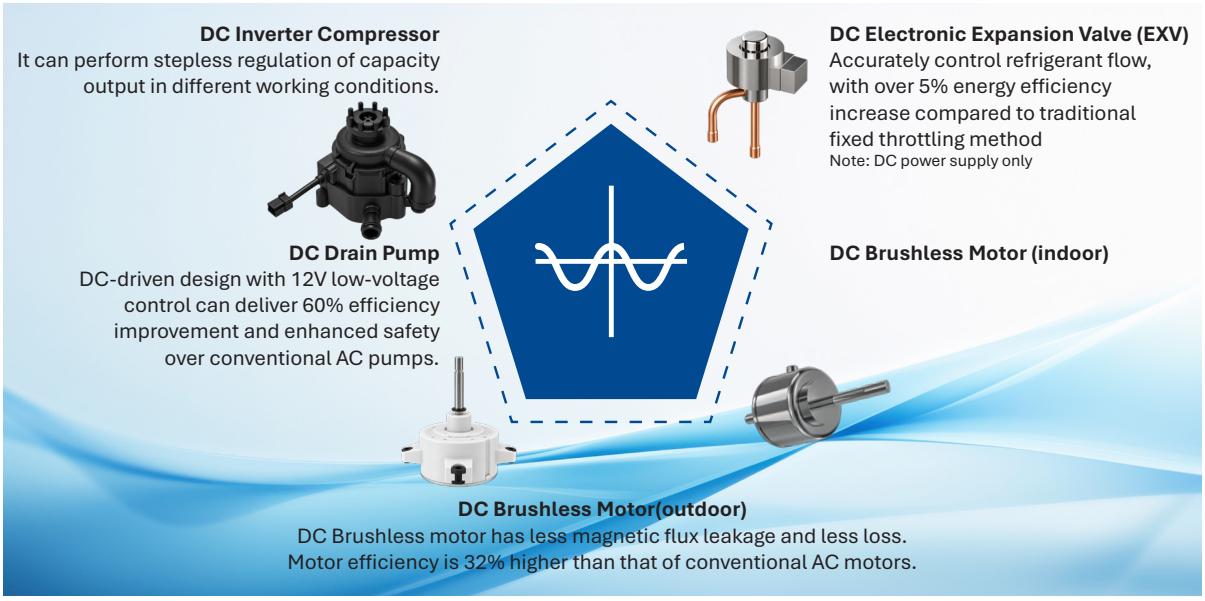
*Values stated on cooling.



Product Features

Energy-Efficient Performance

Designed with energy efficiency in mind, every part of the GREE system works together to help keep your home comfortable while using less energy.
Advanced technology continuously adjusts performance to match your heating and cooling needs, delivering the right amount of comfort at the right time without wasting energy.
By using energy more effectively, GREE helps you enjoy a comfortable home environment while keeping ongoing operating costs under control.



Improved Efficiency, Greater Comfort

It's often the small improvements that make the biggest difference. That's why GREE has enhanced every aspect of the system's design to help deliver more comfort while using energy more efficiently.
From improved airflow and quieter operation to advanced heat transfer technology, every component has been carefully engineered to help your system heat and cool your home more effectively.
By making the most of every unit of energy, GREE helps keep your home comfortable while helping to reduce ongoing energy consumption.

Fast Comfort When You Need It Most

Whether it's a hot summer afternoon or a chilly winter morning, your GREE air conditioner is designed to quickly bring your home to a comfortable temperature.
With Turbo Mode, the system can rapidly cool or heat your home when needed. Once your desired temperature is reached, it automatically returns to normal operation, helping to maintain comfort efficiently.
The system also monitors both temperature and humidity levels, helping create a more comfortable indoor environment. By managing humidity as well as temperature, your home can feel cooler in summer and more comfortable year-round.



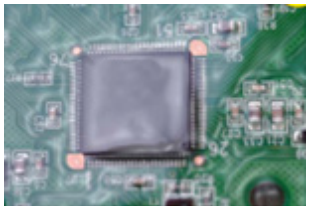
Enjoy Comfort with Your Family

Built for Reliability. Backed by Confidence.

At GREE Australia, we proudly back the quality and reliability of our products with a comprehensive warranty, reflecting the engineering excellence and rigorous testing that goes into every GREE system.
The latest GREE U-Match range incorporates a range of advanced design features engineered to enhance durability, safety and long-term performance. These include refrigerant-cooled outdoor PCB technology to help prevent overheating, along with a rodent-resistant electrical enclosure for added protection in harsh Australian environments.
For enhanced corrosion resistance, the outdoor PCB is coated with multiple protective layers, while the outdoor chassis is constructed from zinc-coated, painted steel for long-lasting durability. The heat exchanger fins are protected with a hydrophilic coating, helping to improve resistance to environmental exposure and extend service life.
A comprehensive suite of built-in safety features and self-diagnostic functions simplifies servicing and maintenance, helping to minimise downtime. Designed for Australia's diverse climate conditions, the U-Match range operates across a wide voltage and temperature range and includes automatic restart functionality and closed-loop start-up technology for dependable operation.
Engineered for performance. Built for Australian conditions.



Before Coating



After Coating

Stay Connected and in Control

Managing your comfort has never been easier. With built-in Wi-Fi and Bluetooth connectivity, you can control your air conditioning system from your smartphone, whether you're relaxing at home or on your way back from work.
Convenient features such as programmable timers and humidity monitoring help create a more comfortable living environment, while giving you greater control over how and when your system operates.
For larger homes or applications with multiple systems, advanced connectivity options make it easy to manage everything from a single control point.
Simple to use, easy to control, and designed to fit your lifestyle.



Built-in Modbus





Smart Airflow Control

Your GREE system is designed to automatically adjust airflow to suit your home's ductwork and comfort requirements.
During installation, the system can be configured to intelligently manage the air pressure within the ducting, helping to deliver consistent airflow throughout your home, regardless of the layout or size of the duct system.

This means:

- More even temperatures across different rooms
- Improved comfort throughout your home
- Quieter operation
- Reduced energy consumption
- Efficient performance tailored to your installation

By automatically optimising airflow, the system works smarter to deliver reliable comfort while helping to keep running costs down.

Features

Wifi Control
8ºC Heating
Lock
4 Fan Speeds
Eco Mode
Sleep Modes
3DC Inverter
Timer
Turbo Button
Self-Diagnosis
Soft Start
LED Display
*Clock Display
*Some models



Features that Make Installation Easier

Flexible Installation Design

Every home is different and sometimes access to ceiling spaces can be limited. That's why the GREE ducted indoor unit features a smart detachable design, allowing it to be installed more easily in tight ceiling spaces.

By separating into smaller sections during installation, the unit can fit through standard ceiling access openings, helping to simplify the installation process and reduce disruption to your home.

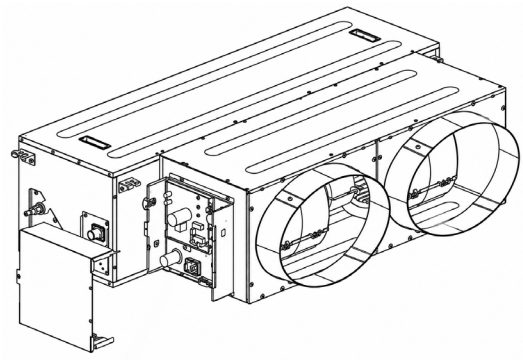
Benefits for homeowners:

- Easier installation in homes with restricted ceiling access
- Ideal for renovations and new home projects
- Reduced installation complexity
- Less disruption during installation

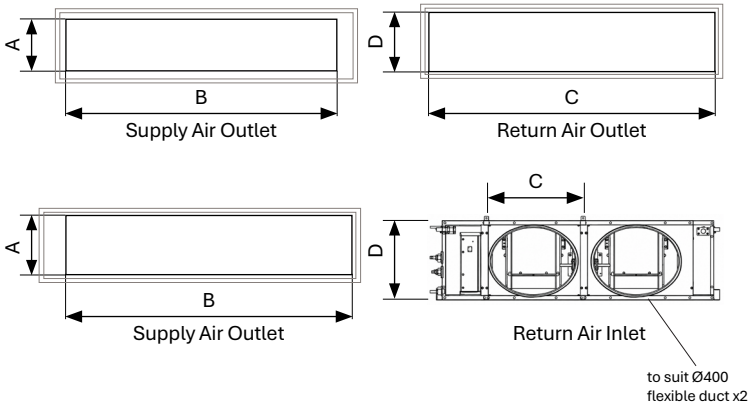
A clever design that makes installation easier, without compromising performance.

*Models 125s /180s only

Outlet Dimensions



12.5kW - 18kW units come with pre-fitted 400mm return spigots.



Unit: mm

Type / Model	Supply Air Outlet		Return Air Inlet	
	A	B	C	D
GFH24ACXF-S6DNE3D/1	215	740	871	234
GFH36DBXH-S6DND2D/1	195	751	960	264

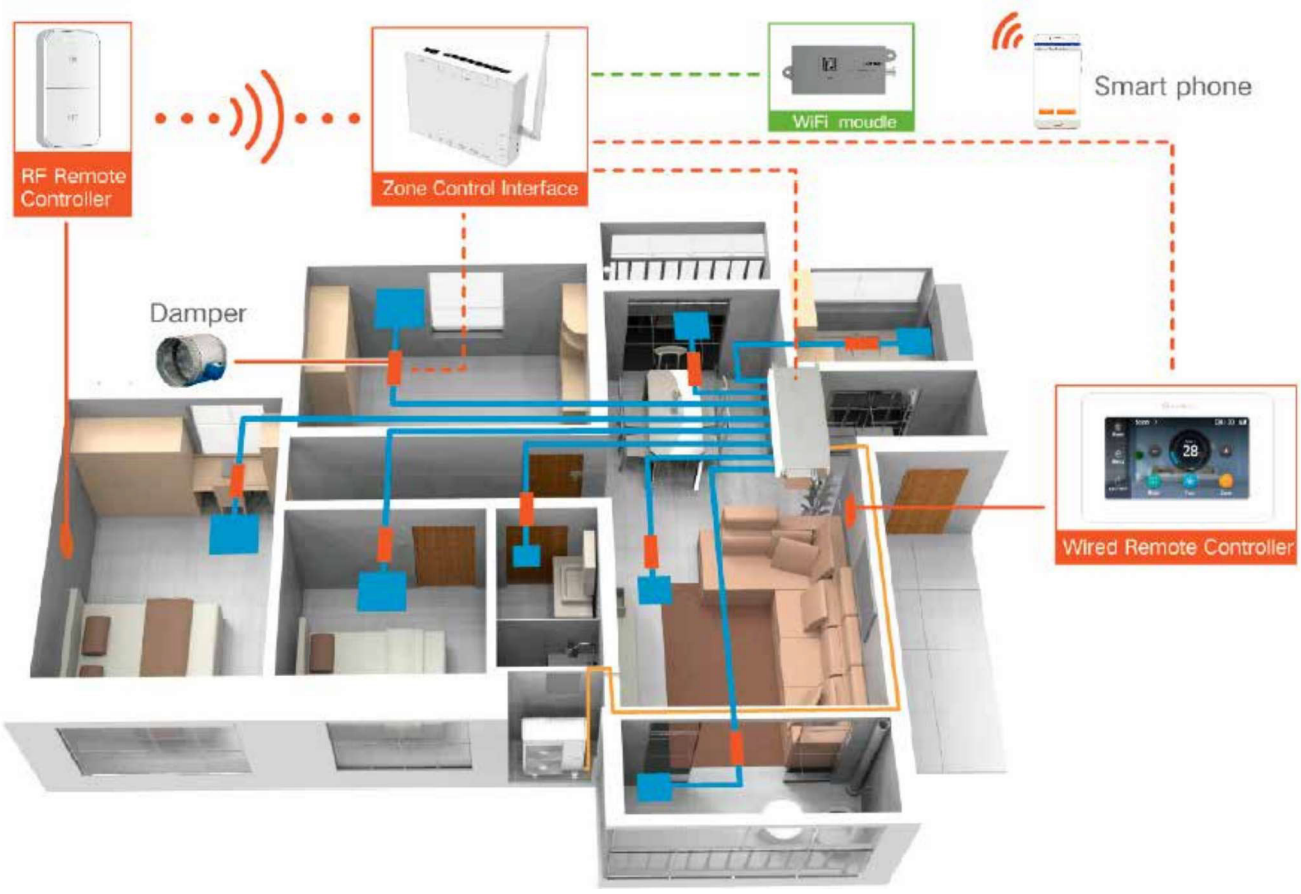
Unit: mm

Type / Model	Supply Air Outlet		Return Air Inlet	
	A	B	C	D
GFH42DEXK-S6DNE7D/1	295	1152	456	316
GFH48DEXK-S6DNE7D/1				
GFH60DEXK-S6DNE7D/1				
GFH65DEXK-S6DNE7D/1				

Control Options

Gree Zone Control (Optional)

Duct type units with zone controllers can provide independent temperature control for up to 8 zones / rooms. Each room has individual control and can be closed off when not in use. This means that the Gree zone controller can provide energy savings and greater comfort and temperature stability.









Control Options

Central Controller

Gree offers a range of controllers including a Central Controller to manage several units at once.



Gate Card Function LE60-24/H1 (Optional)

Connectable to the access control system: pull the key card to turn off the indoor unit and reinsert to resume operation.



Dry Contact Gateway (ME-60/42H1)

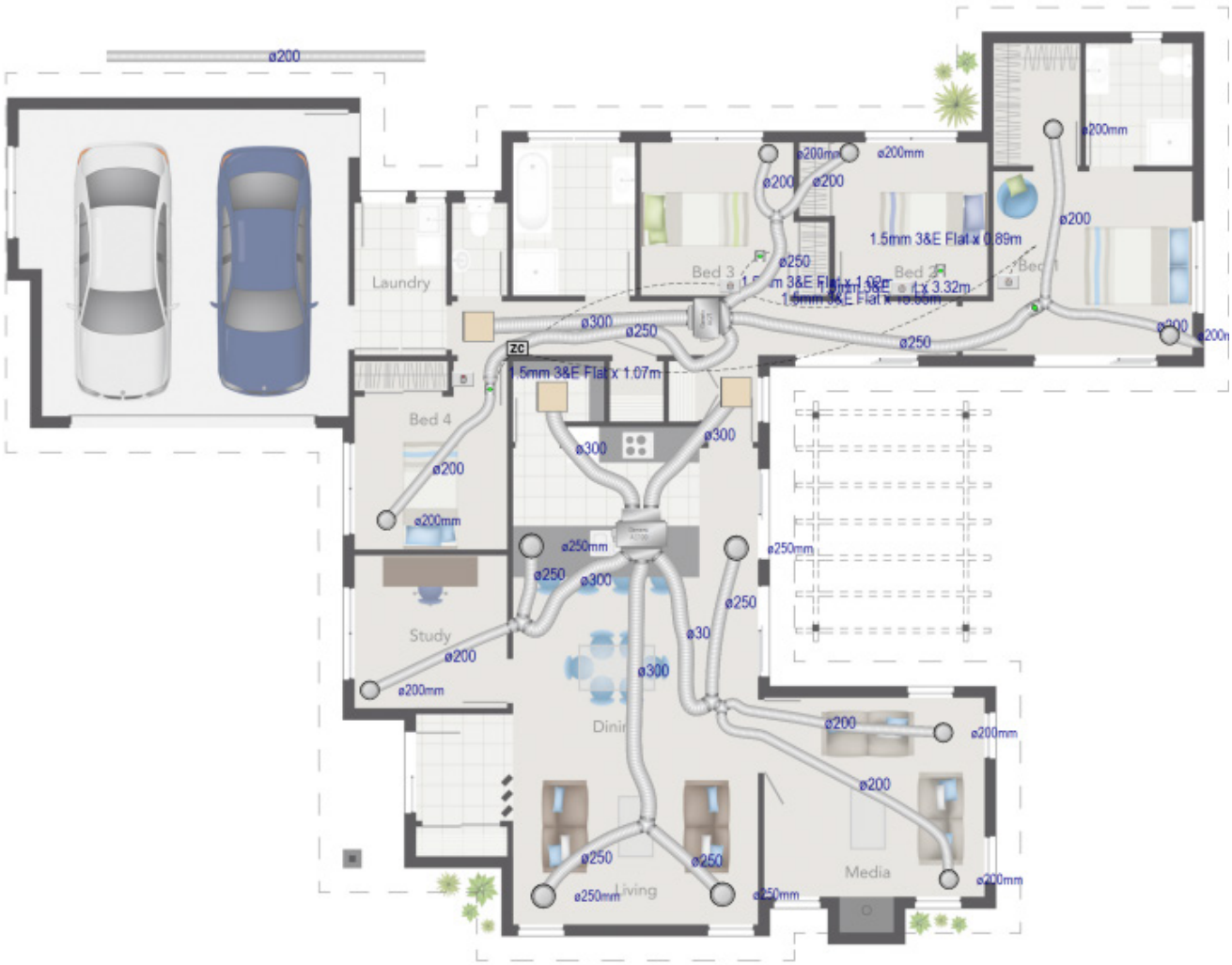
The dry contact controller (optional) provides signal output contacts for fire alarms, remote on/off. Operating status, running mode and error indicating.



Duct Design Service

Duct Design Service

Universal duct kits may not fit every situation, so Gree offer a free duct design service for residential and light commercial projects. This service is offered through the Gree Dealer network.



Technical Specification

Type		U-Match Ducted							
Range		U-Match Ducted	U-Match Ducted	U-Match Ducted	U-Match Ducted	U-Match Ducted	U-Match Ducted	U-Match Ducted	U-Match Ducted
Model		GFH24ACXF-S6DNE3D/I	GFH36DBXH-S6DND2D/I	GFH42DEXK-S6DND7D/I	GFH48DEXL-S6DND7D/I	GFH60DEXL-S6DND7D/I	GFH65DEXL-S6DND7D/I	GFH72DEXL-S6DND7D/I**	GFH72DEXL-M6DND7A/I**
		GFH24ACXF-S6DNE3D/O	GFH36DBXH-S6DND2D/O	GFH42DEXK-S6DND7D/O	GFH48DEXL-S6DND7D/O	GFH60DEXL-S6DND7D/O	GFH65DEXL-S6DND7D/O	GFH72DEXL-S6DND7D/O**	GFH72DEXL-M6DND7A/O**
Performance									
Cooling Capacity (Range)	kW	7.1 (2.1~7.9)	10.0 (4.2~11.9)	12.5 (4.9~13.3)	14.0 (4.9~16.0)	16.0 (4.4~17.6)	18.0 (5.4~19.8)	19.5 (5.4~20.5)	19.5 (4.4~20.5)
Heating Capacity (Range)	kW	7.9 (1.9~8.5)	12.6 (2.1~13.5)	14.0 (3.2~15.5)	16.0 (5.1~18.0)	18.0 (5.1~19.8)	19.5 (5.5~22.0)	21.0 (5.5~22.0)	21.0 (5.1~22.0)
Cooling Power Input	kW	2	3.2	3.8	4.1	4.8	5.7	6.3	6.3
Heating Power Input	kW	2	3.3	3.9	4.1	4.6	5.5	6.8	6.8
Cooling AEER	W/W	3.56	3.13	3.22	3.36	3.26	3.14	3.1	3.1
Heating ACOP	W/W	4.12	3.62	3.7	3.87	3.85	3.56	3.1	3.1
SERL Star Label	Cool	3.5/3/3	3/3/3	3/2.5/3	3/3/3	3.5/3/3.5	3/3/3	TBA	TBA
Hot/Ave/Cold	Heat	3/2.5/2	3/2.5/1.5	3.5/2.5/1.5	3.5/2.5/2	3.5/2.5/2	3.5/2.5/1.5	TBA	TBA
Dehumidifying Volume	L/Hr	2.4	3.7	3.7	4.3	4.3	4.6	4.6	4.3
Air Flow Volume (Max)*	L/Sec	417	555	778	778	972	1000	TBA	TBA
ESP, Factory Set	Pa	25	37	50	50	50	60	60	50
ESP, Range	Pa	0 ~ 100	0 ~ 200	0 ~ 200	0 ~ 200	0 ~ 200	0 ~ 200	0 ~ 200	0 ~ 200
Sound Pressure (Min/Max) Indoor	dB(A)	34 ~ 41	38 ~ 47	39 ~ 46	42 ~ 49	43 ~ 51	41 ~ 49	41 ~ 49	43 ~ 51
Sound Pressure / Power Outdoor	dB(A)	56 / 69	55 / 69	58 / 71	60 / 70	60 / 70	60 / 73	61 / 73	62 / 73
Electrical									
Power Supply	V-Hz-Ph	220~240/50/1							380~415/50/3
Recommended Circuit Breaker	A	25	25	32	32	32	32	TBA	TBA
Nominal Current (Cool / Heat)	A	8.8 / 8.8	14 / 14	16.5 / 16	18.5 / 18	21.5 / 21.1	25 / 25.5	27.9/30	9.7/10.1
Control Wiring		3 Core + Earth							
Dimensions and Weights									
Indoor Dimensions (WxHxD)	mm	260x900x655	300x1000x655	360x1350x855	360x1350x855	360x1350x855	360x1350x855	360x1350x855	360x1350x855
Indoor Net Weight	kg	29	42	55	59	58	58	58	58
Outdoor Dimensions (WxHxD)	mm	660x958x402	820x940x460	820x940x460	1260x900x340	1260x900x340	1260x900x340	TBA	TBA
Outdoor Net Weight	kg	42.5	57	64	87	94	97.5	TBA	TBA
Installation									
Operating Temp Range Cool	°C	-15 ~ 52	-15 ~ 56°	-15 ~ 56°	-15 ~ 56°	-15 ~ 56°	-15 ~ 56°	-15 ~ 56°	-15 ~ 56°
Operating Temp Range Heat	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Refrigerant Type		R32							
Refrigerant Charge	kg	1.2	2.5	2.2	3.2	3.5	3.7	3.7	3.5
Max Pipe Length (pre-charged)	M	30(15)	50(15)	75 (15)	75 (15)	75 (15)	75 (15)	75 (30)	75 (30)
Max Height	M	25	30	30	30	30	30	35	35
Additional Refrigerant	g/m	20	35	35	35	35	35	35	35
Pipe Connection (Liquid ~ Gas)	in	1/4" ~ 5/8"	3/8" ~ 5/8"	3/8" ~ 5/8"	3/8" ~ 5/8"	3/8" ~ 5/8"	3/8" ~ 5/8"	3/8" ~ 3/4"	3/8" ~ 3/4"
Plenum Sizes (Supply / Return)	Supply mm	215 x 740	195 x 751	295 x 1152	295 x 1152	295 x 1152	295 x 1152	295 x 1152	295 x 1152
	Return mm	871 x 234	264 x 960	2 x 400	2 x 400	2 x 400	2 x 400	2 x 400	2 x 400

* Airflows are based on 50pa. Please refer to technical manuals for ratings at all static pressure settings
** GFH72 Units available late Q1 2027

For Installation and Sales:

For Parts and Warranty:

GREE
AIR CONDITIONERS

GREEUMATCHDUCTED-1026