

# *Free Match Multi Split System*



# Gree Free Match Multi Explanation

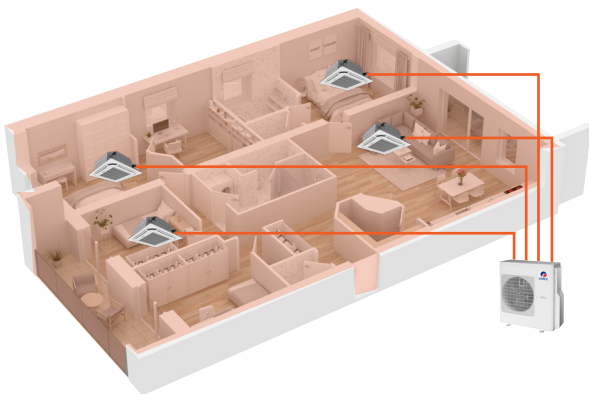
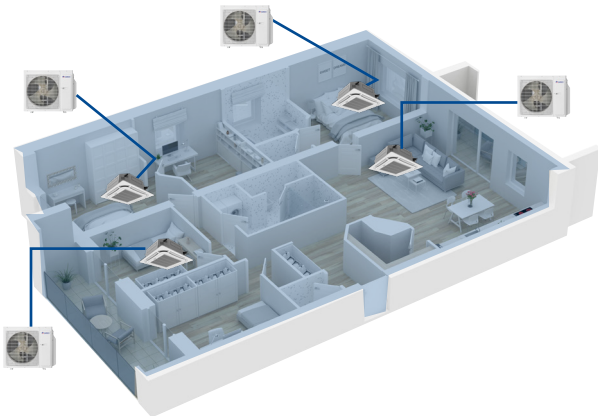
## *Gree Free Match Multi Explanation*

As the name suggests, you are free to mix and match a number of units and unit types, depending on the space or budget.

The Gree Free Match system allows you to connect up to 4 indoor units to a single outdoor unit.

The indoor units can be different types and or capacities which means you can customize your heating and cooling needs specifically for your home or office.

This allows you complete temperature control over your entire home or office environment, which gives increased comfort and greater efficiency.

| Free Match  | Residential AC   |
|---|--|
| 1 outdoor unit can connect up to 4 indoor units.                                    | 1 outdoor unit can connect 1 indoor unit only.                                       |
| Cost-saving for installation.   | High cost for installation.  |
| Wide range & types of indoor units can be selected by users.                        | Limited types of indoor units can be selected by users.                              |
| Space-saving for outdoor unit placement.  | Affect the appearance of the whole building with too many outdoor units.             |
| High efficiency for centralised control of all indoor units.                        | Low efficiency for the individual control of different indoor units.                 |
|  |  |

## *R32 Refrigerant*

Gree's new Free Match range replaces that R410a refrigerant currently used with the more efficient and lower environment impacting refrigerant: R32.

R32 refrigerant has an ozone depletion level of zero and its global warming potential is 677, which is 1/3 that of R410a at 2088.

Not only does R32 have less impact on global warming, it is also 8% more efficient than R410a. This means a smaller refrigerant charge is required, further decreasing the units carbon emission ratio.



# Free Match Flexibility

## *Gree Free Match Flexibility*

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Gree Free Match does what its name suggests, giving the customer the flexibility to use different types and sizes of Air Conditioners, perfectly matched to the space.

Gree Free Match outdoor units are designed with redundancy in mind, during typical use, not all rooms will need to be heated or cooled at the same time or rate, thus excess capacity is created.

Gree Free Match can be connected to 50% more capacity of the indoor unit when compared with the outdoor unit. As each room is individually controlled, this gives maximum control over temperature and air flow thus creating greater comfort.

## *Free Match Combinations*

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# Free Match Control Options

## Gree Free Match Control Options

- Gree Free Match units can be connected to a range of indoor units. This allows a wide range of control options to be used.
- All hi-walls, cassettes and floor consoles come with a standard wireless remote controller.
- Ducted units come standard with a wired wall controllers and these can also be fitted to the other units.
- Wi-Fi comes as standard on the hi-walls and floor console units.
- Through the wired wall controllers a central controller can be fitted.



### YAP1F7 (WiFi)

- Pular Standard
- I Feel
- Turbo
- X fan
- Light
- Colasma



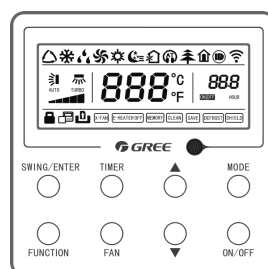
### XK76

Optional wired wall controller for all hi-walls and mini floor console.



### YAG1F

- Hyper Standard
- I Feel
- Turbo
- X fan
- Light
- Adjustable Auto



### XK19

Standard wired wall controller with all Bulkhead units.



### CE52-24/F(C)

Central Controller.

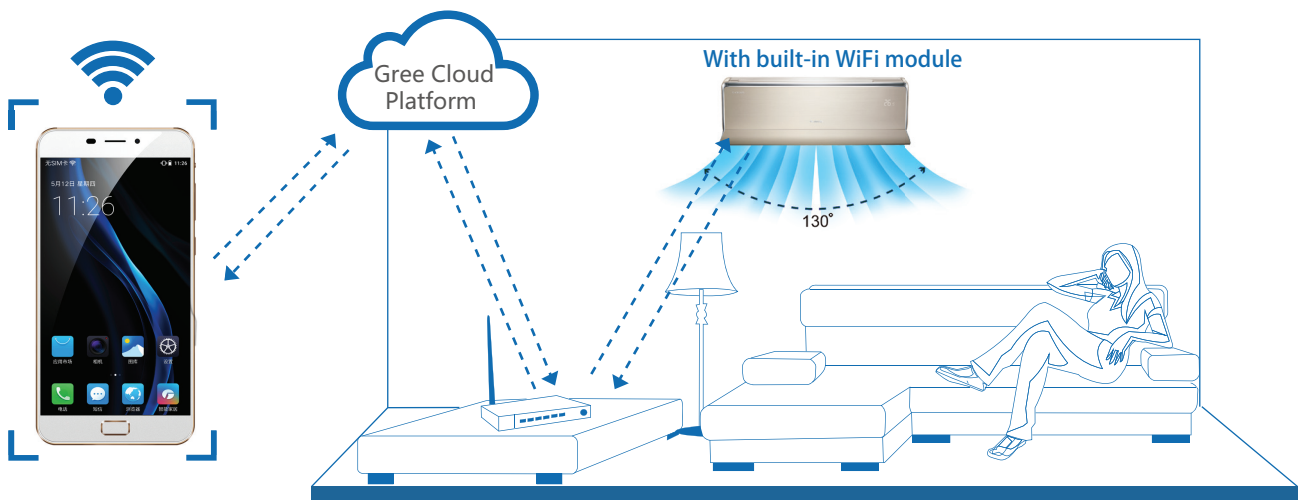


# Wi-Fi Options Free Match Indoor Units

## Wi-Fi Options



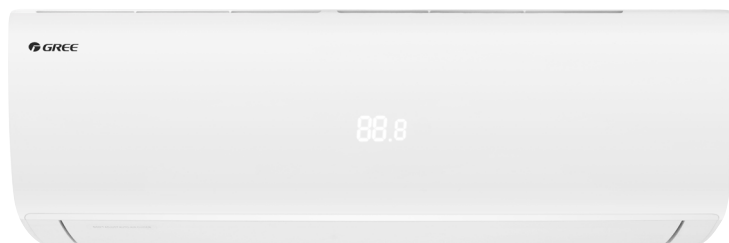
- Wi-Fi standard on Hyper, Pular and Mini Floor Console.
- Optional on Bulkhead and Cassette (XE72-44/E).
- Download the Gree+ app on iphone or android from the app store.



Scan QR Code & Download Gree+ APP



# Hyper Free Match Hi-wall Indoor Units



XK76 (Optional)



YAG1F

The Gree Hyper range of hi-wall indoor units brings a sleek contemporary look to your home. The Hyper indoor units feature Gree's latest technology, reliability and performance.



## Hyper Features



| Series                          |                    | Hyper              |                    |                   |                   |                   |                   |
|---------------------------------|--------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|
| Realcold Part No.               |                    | AC7232-I           | AC7233-I           | AC7204-I          | AC7235-I          | AC7206-I          | AC7237-I          |
| Indoor Model No.                |                    | GWH09ABA-K6DNC8C-I | GWH12ABA-K6DNC8C-I | GWH15QD-K6DNC8A-I | GWH18QE-K6DNC8A-I | GWH21QE-K6DNC8A-I | GWH24QE-K6DNC8J-I |
| Performance                     |                    |                    |                    |                   |                   |                   |                   |
| Cooling Capacity                | kW                 | 2.5                | 3.5                | 4.6               | 5.2               | 6.1               | 7.2               |
| Heating Capacity                | kW                 | 3.2                | 3.8                | 4.7               | 5.8               | 7.3               | 8.1               |
| Dehumidifying Volume            | l/s                | 0.8                | 1.4                | 1.8               | 1.8               | 2                 | 2.5               |
| Air flow                        | m <sup>3</sup> / h | 231                | 264                | 264               | 347               | 403               | 361               |
| Sound Pressure                  | dB (A)             | 19 / 43            | 19 / 43            | 27 / 47           | 29 / 48           | 29 / 52           | 29 / 48           |
| Sound Power                     | dB (A)             | 29 / 53            | 29 / 53            | 37 / 58           | 39 / 58           | 39 / 62           | 39 / 58           |
| Indoor T ° set-point range      | °C                 | +16~+30            | +16~+30            | +16~+30           | +16~+30           | +16~+30           | +16~+30           |
| Electrical                      |                    |                    |                    |                   |                   |                   |                   |
| Power Supply (From Outdoor)     | V/P/Hz             | 220~240 / 1 / 50   |                    |                   |                   |                   |                   |
| Power / Communication Cable     | m                  | 3 x 1.5 + E        | 3 x 1.5 + E        | 3 x 1.5 + E       | 3 x 1.5 + E       | 3 x 1.5 + E       | 3 x 1.5 + E       |
| Dimensions and Weights          |                    |                    |                    |                   |                   |                   |                   |
| Product Length / Height / Depth | mm                 | 798x295x222        | 798x295x222        | 970x300x224       | 1078x325x246      | 1078x325x246      | 1078x325x246      |
| Net / gross weight              | kg                 | 10                 | 10.5               | 13.5              | 15.5              | 15.5              | 16                |
| Installation                    |                    |                    |                    |                   |                   |                   |                   |
| Refrigeration connections       | Liquid             | 6.35 (1 / 4")      | 6.35 (1 / 4")      | 6.35 (1 / 4")     | 6.35 (1 / 4")     | 6.35 (1 / 4")     | 6.35 (1 / 4")     |
|                                 | Gas                | 9.52 (3 / 8")      | 9.52 (3 / 8")      | 12.7 (1 / 2")     | 15.88 (5 / 8")    | 15.88 (5 / 8")    | 15.88 (5 / 8")    |
| Drain Connection                | mm                 | 16                 | 16                 | 16                | 16                | 16                | 16                |

# Pular Free Match Hi-wall Indoor Units



XK76 (Optional)

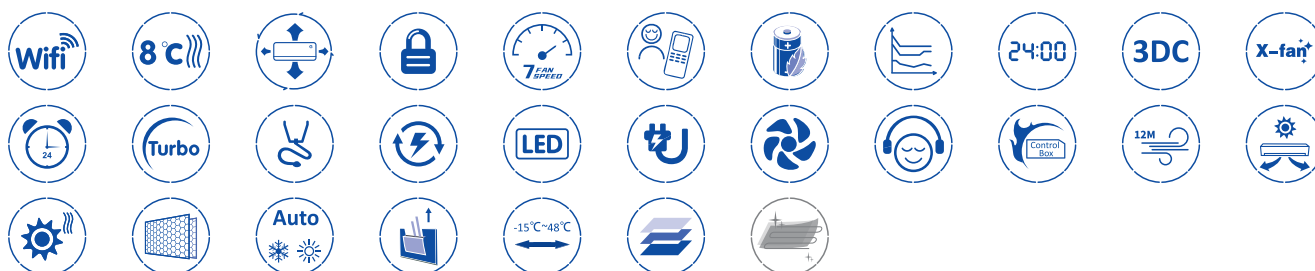


YAP1F7 (WiFi)

The Gree Pular range of hi-wall indoor units brings a sleek contemporary look to your home. The Pular indoors feature Gree's latest technology, reliability and performance.



## Pular Features



| Series                       |        | Pular                    |                          |                          |                          |                          |                          |
|------------------------------|--------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Realcold Part No.            |        | AC7321                   | AC7322                   | AC7323                   | AC7325                   | AC7326                   | AC7327                   |
| Indoor Model No.             |        | GWH07AGAXB<br>-K6DNA1A/I | GWH09AGCXB<br>-K6DNA1A/I | GWH12AGCXD<br>-K6DNA1A/I | GWH18AGDXE<br>-K6DNA1A/I | GWH21AGEXF<br>-K6DNA1A/I | GWH24AGEXF<br>-K6DNA1A/I |
| Performance                  |        |                          |                          |                          |                          |                          |                          |
| Cooling Capacity             | kW     | 2.25                     | 2.65                     | 3.52                     | 5.0                      | 6.4                      | 7.1                      |
| Heating Capacity             | kW     | 2.7                      | 3.2                      | 4.0                      | 6.0                      | 7.4                      | 8.0                      |
| Dehumidifying Volume         | l/s    | 0.6                      | 0.8                      | 1.4                      | 1.8                      | 2.5                      | 2.4                      |
| Air Flow Volume (Max)        | m³ / h | 144                      | 205                      | 200                      | 291                      | 361                      | 361                      |
| Sound Pressure (Min/Max) Ind | dB (A) | 22 ~ 39                  | 20 ~ 42                  | 24 ~ 44                  | 27 ~ 46                  | 29 ~ 49                  | 32 ~ 50                  |
| Sound Power (Min/Max) Ind    | dB (A) | 38 ~ 55                  | 35 ~ 57                  | 39 ~ 59                  | 43 ~ 62                  | 41 ~ 62                  | 48 ~ 66                  |
| Electrical                   |        |                          |                          |                          |                          |                          |                          |
| Power Supply (From Outdoor)  | V/P/Hz | 220~240 / 50 / 1         |                          |                          |                          |                          |                          |
| Control Wiring               | m      | 3 x 1.5 + E (4 cores)    |                          |                          |                          |                          |                          |
| Dimensions and Weights       |        |                          |                          |                          |                          |                          |                          |
| Indoor Dimensions (WxHxD)    | mm     | 704 x 260 x 185          | 825 x 293 x 196          | 825 x 293 x 196          | 982 x 311 x 221          | 1075 x 333 x 246         | 1075 x 333 x 246         |
| Indoor Net Weight            | kg     | 7.5                      | 9.5                      | 9.5                      | 13                       | 16                       | 16                       |
| Installation                 |        |                          |                          |                          |                          |                          |                          |
| Pipe Connections mm (in)     | Liquid | 6.35 (1 / 4")            | 6.35 (1 / 4 ")           | 6.35 (1 / 4")            | 6.35 (1 / 4")            | 6.35 (1/4")              | 6.35 (1 / 4")            |
|                              | Gas    | 9.52 (3 / 8 ")           | 9.52 (3 / 8")            | 9.52 (3 / 8")            | 12.7 (1 / 2 ")           | 12.7 (1/2")              | 15.88 (5 / 8")           |
| Drain Connection             | mm     | 16                       | 16                       | 16                       | 16                       | 16                       | 16                       |



# Mini Floor Console Free Match Indoor Units



XK76 (Optional)

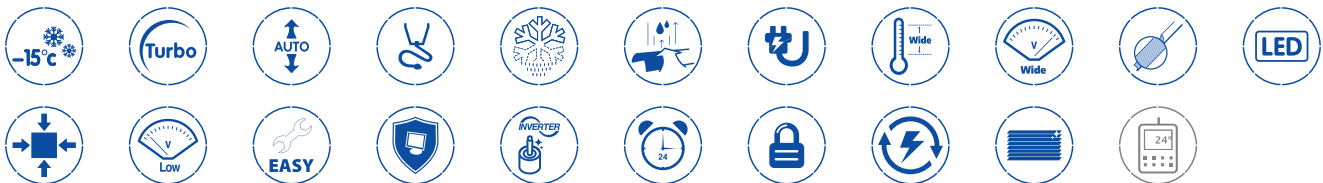


YAG1F

The Gree floor console unit offers an alternate to the hi-wall style indoor units. The console can supply hot air from two discharge grilles providing the ultimate in heating comfort.

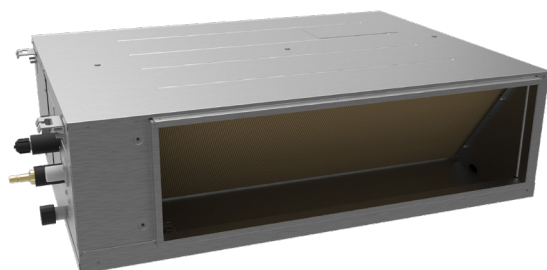


## Mini Floor Console Features



| Series                          |        | Mini Floor Mount  |
|---------------------------------|--------|-------------------|
| Realcold Part No.               |        | AC7423-I          |
| Indoor Model No.                |        | GEH18AA-K6DNA1F-I |
| Performance                     |        |                   |
| Cooling Capacity                | kW     | 5.2               |
| Heating Capacity                | kW     | 5.3               |
| Dehumidifying Volume            | l/s    | 1.8               |
| Air flow                        | m³ / h | 194~89            |
| Sound Pressure                  | dB (A) | 47~31             |
| Sound Power                     | dB (A) | 57~41             |
| Indoor T ° set-point range      | °C     | +16~-+30          |
| Electrical                      |        |                   |
| Power Supply (From Outdoor)     | V/P/Hz | 220~240 / 1 / 50  |
| Power / Communication Cable     | m      | 3 x 1.5 + E       |
| Dimensions and Weights          |        |                   |
| Product Length / Height / Depth | mm     | 700x600x315       |
| Net / gross weight              | kg     | 15.5              |
| Installation                    |        |                   |
| Refrigeration connections       | Liquid | 6.35 (1 / 4")     |
|                                 | Gas    | 12.7 (1 / 2")     |
| Drain Connection                | mm     | 16                |

# Bulkhead Free Match Ducted Indoor Units



XK46

The Gree slim duct range of indoor units offers the ultimate in flexibility and discretion. Hidden from view in ceiling spaces these units are designed to supply conditioned air via a ceiling or wall diffuser.



(Optional)

## Bulkhead Features



| Series                          |                    | Bulkhead Ducted     |                     |                     |                     |                     |
|---------------------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Realcold Part No.               |                    |                     |                     |                     |                     |                     |
| Indoor Model No.                |                    | GFH(09)EA-K6DNA1B/I | GFH(12)EA-K6DNA1B/I | GFH(18)EA-K6DNA1B/I | GFH(21)EA-K6DNA1B/I | GFH(24)EA-K6DNA1B/I |
| Performance                     |                    |                     |                     |                     |                     |                     |
| Cooling Capacity                | kW                 | 2.5                 | 3.5                 | 5                   | 6                   | 7.1                 |
| Heating Capacity                | kW                 | 2.8                 | 3.85                | 5.5                 | 6.6                 | 8                   |
| Dehumidifying Volume            | l/s                | -                   | -                   | -                   | -                   | -                   |
| Air flow                        | m <sup>3</sup> / h | 450                 | 550                 | 700                 | 1000                | 1000                |
| Static Pressure                 | Pa                 | 5                   | 5                   | 5                   | 5                   | 5                   |
| Sound Pressure                  | dB (A)             | 31~37               | 32~39               | 33~41               | 34~42               | 34~42               |
| Sound Power                     | dB (A)             | 41~47               | 42~49               | 43~51               | 44~52               | 44~52               |
| Indoor T ° set-point range      | °C                 | +16~+30             | +16~+30             | +16~+30             | +16~+30             | +16~+30             |
| Electrical                      |                    |                     |                     |                     |                     |                     |
| Power Supply (From Outdoor)     | V/P/Hz             | 220~240 / 1 / 50    |                     |                     |                     |                     |
| Power / Communication Cable     | m                  | 3 x 1.5 + E         | 3 x 1.5 + E         | 3 x 1.5 + E         | 3 x 1.5 + E         | 3 x 1.5 + E         |
| Dimensions and Weights          |                    |                     |                     |                     |                     |                     |
| Product Length / Height / Depth | mm                 | 700x200x615         | 700x200x615         | 900x200x615         | 1100x200x615        | 1100x200x615        |
| Net / gross weight              | kg                 | 21                  | 22                  | 26                  | 30                  | 30                  |
| Installation                    |                    |                     |                     |                     |                     |                     |
| Refrigeration connections       | Liquid             | 6.35 (1 / 4")       | 6.35 (1 / 4")       | 6.35 (1 / 4")       | 9.52 (3 / 8")       | 9.52 (3 / 8")       |
|                                 | Gas                | 9.52 (3 / 8")       | 9.52 (3 / 8")       | 12.7 (1 / 2")       | 15.88 (5 / 8")      | 15.88 (5 / 8")      |
| Drain Connection                | mm                 | -                   | -                   | -                   | -                   | -                   |

# Compact 360 Cassette Free Match Indoor Units



XK76 (Optional)



YAG1F

The Gree cassette range of indoor units offers a compact design for easy installation. A strong and balanced airflow, with advanced protection functions and an intelligent drainage device.



(Optional)

## Cassette Features



| Series                          |        | Cassette            |                     |                     |
|---------------------------------|--------|---------------------|---------------------|---------------------|
| Realcold Part No.               |        |                     |                     |                     |
| Indoor Model No.                |        | GKH(12)BB-K6DNA3A/I | GKH(18)BB-K6DNA3A/I | GKH(24)BC-K6DNA4A/I |
| Performance                     |        |                     |                     |                     |
| Cooling Capacity                | kW     | 3.5                 | 4.5                 | 7.1                 |
| Heating Capacity                | kW     | 4                   | 5                   | 8                   |
| Dehumidifying Volume            | l/s    | -                   | -                   | -                   |
| Air flow                        | m³ / h | 650                 | 710                 | 1280                |
| Sound Pressure                  | dB (A) | 34~44               | 35~47               | 36~47               |
| Sound Power                     | dB (A) | 45~55               | 46~58               | 47~58               |
| Indoor T ° set-point range      | °C     | +16~+30             | +16~+30             | +16~+30             |
| Electrical                      |        |                     |                     |                     |
| Power Supply (From Outdoor)     | V/P/Hz | 220~240 / 1 / 50    |                     |                     |
| Power / Communication Cable     | m      | 3 x 1.5 + E         | 3 x 1.5 + E         | 3 x 1.5 + E         |
| Dimensions and Weights          |        |                     |                     |                     |
| Product Length / height / width | mm     | 596x240x596         | 596x240x596         | 840x240x840         |
| Net / gross weight              | kg     | 20                  | 20                  | 26                  |
| Façade                          | mm     | 763x105x763         | 763x105x763         | 1033x133x1033       |
| Weight                          | kg     | 3.5                 | 3.5                 | 7                   |
| Installation                    |        |                     |                     |                     |
| Refrigeration connections       | Liquid | 6.35 (1 / 4")       | 6.35 (1 / 4")       | 9.52 (3 / 8")       |
|                                 | Gas    | 9.52 (3 / 8")       | 12.7 (1 / 2")       | 15.88 (5 / 8")      |
| Drain Connection                | mm     | -                   | -                   | -                   |



# Free Match Outdoor Units



## Gree Free Match Outdoor Units

- Four different models to choose from
- Connectable from 2 to 4 units
- Wide temperature operation range
- Wide voltage operation range
- Auto restart
- Gree G10 180° Sine Wave Inverter
- Blue Fin / Gold Fin / Black Fin depending on the model

## Outdoor Units Features





# Free Match Outdoor Units



The Gree Free Match R32 multi split series is ideal for residential building and offices, since it allows the installation of up to 4 indoor units, i.e. up to 53 possible combinations with wall splits, cassettes, ducts and consoles to a single outdoor unit.

There are four different outdoor units to choose from, giving even more flexibility in finding the perfect system for your requirements.

Gree Free Match outdoors utilises the company's G10 Inverter technology. The G10 Inverter uses highly sensitive control technology to vary the speed of the air conditioner according to the required set point. When the desired temperature is reached, the G10 Inverter technology guarantees its continuous maintenance while achieving greater energy efficiency.

Gree G10 Inverter has 180° Sine Wave DC Variable Speed technology and this provides more precise control. By producing a smoother sine wave, the G10 Inverter allows for stepless regulation of the operating frequency, this means the compressor is less strained, resulting in greater reliability while providing lower sound levels.

The G10 Inverter offers ultra-low power consumption standby mode. The Free Match outdoors use less than 1 watt in standby mode.

Reflecting the varied climate of our nation, the Gree Free Match units can operate in cooling from -15°C to 43°C and in heating from -15°C to 24°C.

The Free Match system can operate safely between 160V and 276V, which means voltage variations are less likely to cause damage. In the case of a power outage, the Gree Free Match will automatically restart with the same mode and settings as before the shutdown.

Our coastal environments can be harsh on outdoor units. To help ward off the challenges the outdoor coils have gold hydrophilic fin coating to assist defrost and to improve corrosion resistance. The chassis is made of zinc coated steel and painted for added resistance and the PCB's have three coats of AUS Guard to offer better moisture protection.

Gree Free Match units come standard with R32 ecological refrigerant, auto defrosts and self-diagnosis program in case it goes wrong. This is all backed by Gree's amazing 6-Year parts and labour warranty.

# Outdoor Units Specification

|                                 |              | GWHD(18)NK6KO    | GWHD(24)NK6KO    | GWHD(28)NK6KO    | GWHD(36)NK6KO     |
|---------------------------------|--------------|------------------|------------------|------------------|-------------------|
| Outdoor Model No.               |              |                  |                  |                  |                   |
| Multi Split System              | In/Out       | 2 x 1            | 3 x 1            | 4 x 1            | 4 x 1             |
| Performance                     |              |                  |                  |                  |                   |
| Cooling Capacity                | kW           | 5.2              | 7.1 (2.3~8.5)    | 8                | 10.5              |
| Heating Capacity                | kW           | 5.4              | 8.5 (3.7 ~ 8.8)  | 9.3              | 11                |
| Heating Capacity H2             | kW           | 4.6              | 6.1              | 7                | 8.2               |
| Power Input                     | Cold (W)     | 1.45             | 1.95             | 2.3              | 3.1               |
|                                 | Hot (W)      | 1.3              | 2.2              | 2.65             | 3.2               |
| AEER / ACOP                     | W/W          | -                | -                | -                | -                 |
| SEER Label Stars, Hot/Ave/Cold  | Cool         | -                | -                | -                | -                 |
|                                 | Heat         | -                | -                | -                | -                 |
| Air flow                        | (m³ / h)     | 2600             | 4000             | 4000             | 7200              |
| Sound Pressure                  | (dB (A))     | 55               | 58               | 58               | 60                |
| Sound Power                     | (dB (A))     | 65               | 68               | 68               | 70                |
| Indoor T ° set-point range      | °C           | +16~+30          | +16~+30          | +16~+30          | +16~+30           |
| Operating range in outdoor T °  | Cold (°C)    | -15~+43          | -15~+43          | -15~+43          | -15~+43           |
|                                 | Hot (°C)     | -15~+24          | -15~+24          | -15~+24          | -15~+24           |
| Electrical                      |              |                  |                  |                  |                   |
| Power Supply (Outdoor)          | (V / P / Hz) | 220~240 / 1 / 50 |                  |                  |                   |
| Recommended Circuit Breaker     | A            | 16               | 25               | -                | -                 |
| Current Draw                    | Cold (A)     | 6.43             | 8.65             | 10.2             | 14                |
|                                 | Hot (A)      | 5.77             | 9.76             | 11.76            | 13                |
| Communication Cable             | (m)          | 3 x 1.5 + E      | 3 x 1.5 + E      | 3 x 1.5 + E      | 3 x 1.5 + E       |
| Power cable                     | (n ° x s)    | 2 x 2.5 + E      | 2 x 2.5 + E      | 2 x 2.5 + E      | 2 x 2.5 + E       |
| Dimensions and Weights          |              |                  |                  |                  |                   |
| Product Length / height / width | (mm)         | 899 / 596 / 378  | 980 / 790 / 427  | 980 / 790 / 427  | 1088 / 1103 / 440 |
| Packing Length / height / width | (mm)         | 948 / 645 / 420  | 1083 / 855 / 488 | 1083 / 855 / 488 | 1158 / 1235 / 493 |
| Net / gross weight              | (kg)         | 43 / 46          | 68 / 73          | 69 / 74          | 94 / 98           |
| Installation                    |              |                  |                  |                  |                   |
| Refrigeration connections       | Liquid       | 2 x 6.35 (1/4")  | 3 x 6.35 (1/4")  | 4 x 6.35 (1/4")  | 4 x 6.35 (1/4")   |
|                                 | Gas          | 2 x 9.52 (3/8")  | 3 x 9.52 (3/8")  | 4 x 9.52 (3/8")  | 4 x 9.52 (3/8")   |
| Refrigerant Charge R32          | (kg)         | 1.05             | 1.8              | 2                | 2.75              |
| Pre-charged Pipe Length         | (m)          | 10               | 30               | 40               | 40                |
| Additional Charge per Metre     | (g / m)      | 20               | 20               | 20               | 20                |
| Maximum length indoor unit      | (m)          | 10               | 20               | 20               | 25                |
| Maximum total length (UI / EU)  | (m)          | 20               | 60               | 70               | 75                |
| Maximum height difference       | (m)          | 5                | 10               | 10               | 15                |



# Unit Combinations

## Line Up

| Model      | 7 (2.25) | 9 (2.5) | 12 (3.5) | 15 (4.6) | 18 (5.2) | 21 (6.1) | 24 (7.1) |
|------------|----------|---------|----------|----------|----------|----------|----------|
| Hyper      |          | •       | •        | •        | •        | •        | •        |
| Pular      | •        | •       | •        |          | •        | •        | •        |
| Bulkhead   |          | •       | •        |          | •        | •        | •        |
| Cassette   |          |         | •        |          | •        |          | •        |
| Mini Floor |          |         |          |          | •        |          |          |

## Gree Free Match R32 Connection Combinations

The allowance for indoor connections is very flexible, but there are some recommendations to follow. The allowable connections for any outdoor unit are based on a minimum of 50% cooling capacity up to a maximum of 150% cooling capacity. However, please be aware that certain connections, while within the design parameters may produce undesirable performance. For that reason we do not recommend using an indoor unit rated at the same capacity as the outdoor unit e.g. an 18 indoor with an 18 outdoor. Or using a 21 or 24 indoor unit on a 24 or 28 outdoor unit.

### 8 Combinations



| FM18<br>2 Units |         |
|-----------------|---------|
| 7 + 7           | 9 + 9   |
| 7 + 9           | 9 + 12  |
| 7 + 12          | 9 + 15  |
| 7 + 15          | 12 + 12 |

### 33 Combinations



| FM24    |         |            |              |
|---------|---------|------------|--------------|
| 2 Units |         | 3 Units    |              |
| 7 + 7   | 12 + 12 | 7 + 7 + 7  | 7 + 12 + 12  |
| 7 + 9   | 12 + 15 | 7 + 7 + 9  | 7 + 12 + 15  |
| 7 + 12  | 12 + 18 | 7 + 7 + 12 | 9 + 9 + 9    |
| 7 + 15  | 15 + 15 | 7 + 7 + 15 | 9 + 9 + 12   |
| 7 + 18  | 15 + 18 | 7 + 7 + 18 | 9 + 9 + 15   |
| 9 + 9   | 18 + 18 | 7 + 9 + 9  | 9 + 9 + 18   |
| 9 + 12  |         | 7 + 9 + 12 | 9 + 12 + 12  |
| 9 + 15  |         | 7 + 9 + 15 | 9 + 12 + 15  |
| 9 + 18  |         | 7 + 9 + 18 | 12 + 12 + 12 |

### 56 Combinations



| FM28    |         |             |              |                 |                 |
|---------|---------|-------------|--------------|-----------------|-----------------|
| 2 Units |         | 3 Units     |              | 4 Units         |                 |
| 7 + 7   | 12 + 18 | 7 + 7 + 7   | 7 + 12 + 18  | 7 + 7 + 7 + 7   | 7 + 9 + 9 + 9   |
| 7 + 9   | 15 + 15 | 7 + 7 + 9   | 9 + 9 + 9    | 7 + 7 + 7 + 9   | 7 + 9 + 9 + 12  |
| 7 + 12  | 15 + 18 | 7 + 7 + 12  | 9 + 9 + 12   | 7 + 7 + 7 + 12  | 7 + 9 + 9 + 15  |
| 7 + 15  | 18 + 18 | 7 + 7 + 15  | 9 + 9 + 15   | 7 + 7 + 7 + 15  | 7 + 9 + 12 + 12 |
| 7 + 18  |         | 7 + 7 + 18  | 9 + 9 + 18   | 7 + 7 + 7 + 18  | 9 + 9 + 9 + 9   |
| 9 + 9   |         | 7 + 9 + 9   | 9 + 12 + 12  | 7 + 7 + 9 + 9   | 9 + 9 + 9 + 12  |
| 9 + 12  |         | 7 + 9 + 12  | 9 + 12 + 15  | 7 + 7 + 9 + 12  | 9 + 9 + 9 + 15  |
| 9 + 15  |         | 7 + 9 + 15  | 9 + 12 + 18  | 7 + 7 + 9 + 15  | 9 + 9 + 12 + 12 |
| 9 + 18  |         | 7 + 9 + 18  | 12 + 12 + 12 | 7 + 7 + 9 + 18  |                 |
| 12 + 12 |         | 7 + 12 + 12 | 12 + 12 + 15 | 7 + 7 + 12 + 12 |                 |
| 12 + 15 |         | 7 + 12 + 15 | 12 + 12 + 18 | 7 + 7 + 12 + 15 |                 |

### 155 Combinations



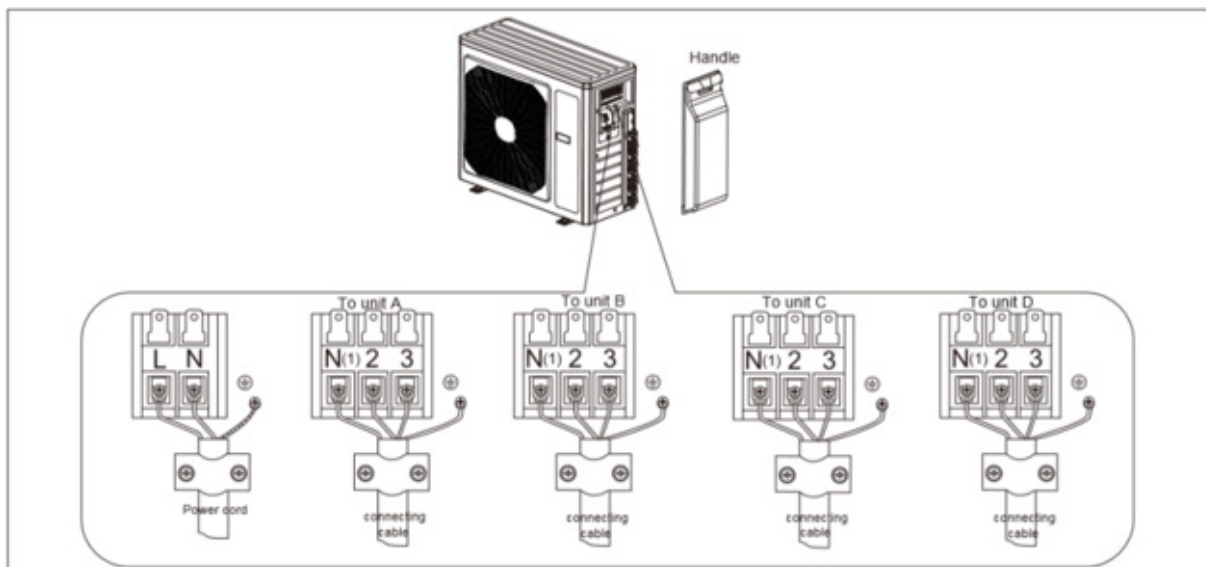
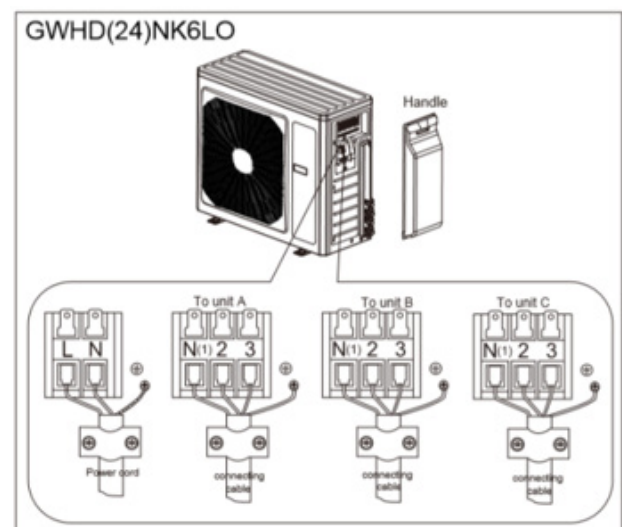
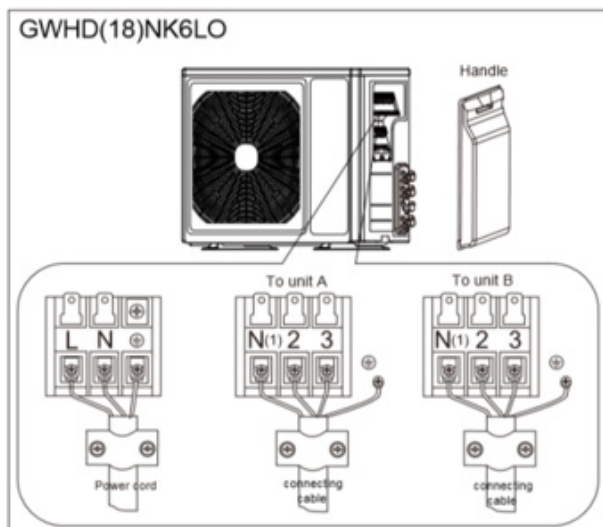
| FM36    |         |             |              |              |                 |                  |                   |
|---------|---------|-------------|--------------|--------------|-----------------|------------------|-------------------|
| 2 Units |         | 3 Units     |              | 4 Units      |                 |                  |                   |
| 7 + 12  | 21 + 24 | 7 + 7 + 7   | 9 + 9 + 9    | 12 + 12 + 21 | 7 + 7 + 7 + 7   | 7 + 7 + 18 + 21  | 9 + 9 + 9 + 15    |
| 7 + 15  | 24 + 24 | 7 + 7 + 9   | 9 + 9 + 12   | 12 + 12 + 24 | 7 + 7 + 7 + 9   | 7 + 9 + 9 + 9    | 9 + 9 + 9 + 18    |
| 7 + 18  |         | 7 + 7 + 12  | 9 + 9 + 15   | 12 + 15 + 15 | 7 + 7 + 7 + 12  | 7 + 9 + 9 + 12   | 9 + 9 + 9 + 21    |
| 7 + 21  |         | 7 + 7 + 15  | 9 + 9 + 18   | 12 + 15 + 18 | 7 + 7 + 7 + 15  | 7 + 9 + 9 + 15   | 9 + 9 + 9 + 24    |
| 7 + 24  |         | 7 + 7 + 18  | 9 + 9 + 21   | 12 + 15 + 21 | 7 + 7 + 7 + 18  | 7 + 9 + 9 + 18   | 9 + 9 + 12 + 12   |
| 9 + 9   |         | 7 + 7 + 21  | 9 + 9 + 24   | 12 + 15 + 24 | 7 + 7 + 7 + 21  | 7 + 9 + 9 + 21   | 9 + 9 + 12 + 15   |
| 9 + 12  |         | 7 + 7 + 24  | 9 + 12 + 12  | 12 + 18 + 18 | 7 + 7 + 7 + 24  | 7 + 9 + 9 + 24   | 9 + 9 + 12 + 18   |
| 9 + 15  |         | 7 + 9 + 9   | 9 + 12 + 15  | 12 + 18 + 21 | 7 + 7 + 9 + 9   | 7 + 9 + 12 + 12  | 9 + 9 + 12 + 21   |
| 9 + 18  |         | 7 + 9 + 12  | 9 + 12 + 18  | 12 + 18 + 24 | 7 + 7 + 9 + 12  | 7 + 9 + 12 + 15  | 9 + 9 + 12 + 24   |
| 9 + 21  |         | 7 + 9 + 15  | 9 + 12 + 21  | 12 + 21 + 21 | 7 + 7 + 9 + 15  | 7 + 9 + 12 + 18  | 9 + 9 + 15 + 15   |
| 9 + 24  |         | 7 + 9 + 18  | 9 + 12 + 24  | 15 + 15 + 15 | 7 + 7 + 9 + 18  | 7 + 9 + 12 + 21  | 9 + 9 + 15 + 18   |
| 12 + 12 |         | 7 + 9 + 21  | 9 + 15 + 15  | 15 + 15 + 18 | 7 + 7 + 9 + 21  | 7 + 9 + 12 + 24  | 9 + 9 + 15 + 21   |
| 12 + 15 |         | 7 + 9 + 24  | 9 + 15 + 18  | 15 + 15 + 21 | 7 + 7 + 9 + 24  | 7 + 9 + 15 + 15  | 9 + 9 + 18 + 18   |
| 12 + 18 |         | 7 + 12 + 12 | 9 + 15 + 21  | 15 + 15 + 24 | 7 + 7 + 12 + 12 | 7 + 9 + 15 + 18  | 9 + 12 + 12 + 12  |
| 12 + 21 |         | 7 + 12 + 15 | 9 + 15 + 24  | 18 + 18 + 18 | 7 + 7 + 12 + 15 | 7 + 9 + 15 + 21  | 9 + 12 + 12 + 15  |
| 12 + 24 |         | 7 + 12 + 18 | 9 + 18 + 18  |              | 7 + 7 + 12 + 18 | 7 + 9 + 18 + 18  | 9 + 12 + 12 + 18  |
| 15 + 18 |         | 7 + 12 + 21 | 9 + 18 + 21  |              | 7 + 7 + 12 + 21 | 7 + 12 + 12 + 12 | 9 + 12 + 12 + 21  |
| 15 + 21 |         | 7 + 12 + 24 | 9 + 18 + 24  |              | 7 + 7 + 12 + 24 | 7 + 12 + 12 + 15 | 9 + 12 + 15 + 15  |
| 15 + 24 |         | 7 + 18 + 18 | 9 + 21 + 21  |              | 7 + 7 + 15 + 15 | 7 + 12 + 12 + 18 | 9 + 12 + 15 + 18  |
| 18 + 18 |         | 7 + 18 + 21 | 9 + 21 + 24  |              | 7 + 7 + 15 + 18 | 7 + 12 + 12 + 21 | 12 + 12 + 12 + 12 |
| 18 + 21 |         | 7 + 18 + 24 | 12 + 12 + 12 |              | 7 + 7 + 15 + 21 | 7 + 15 + 15 + 15 | 12 + 12 + 12 + 15 |
| 18 + 24 |         | 7 + 21 + 21 | 12 + 12 + 15 |              | 7 + 7 + 15 + 24 | 9 + 9 + 9 + 9    | 12 + 12 + 12 + 18 |
| 21 + 21 |         | 7 + 21 + 24 | 12 + 12 + 18 |              | 7 + 7 + 18 + 18 | 9 + 9 + 9 + 12   | 12 + 12 + 15 + 15 |

# Installation

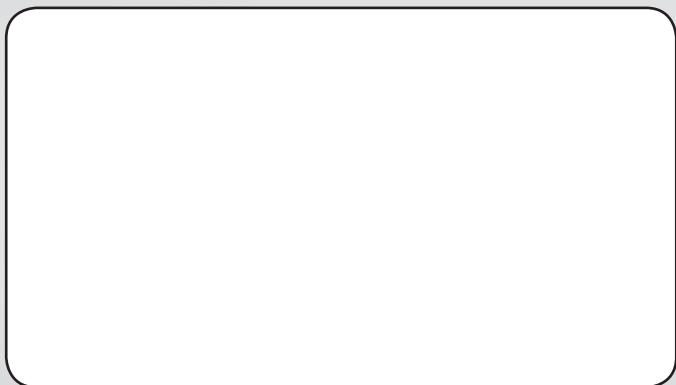
## Installation

- Each unit has its own set of pipework, so no brazing required
- Just like a standard hi-wall the interconnecting wiring is very simple.
- Compact design
- Wide temperature operation
- Single outdoor
- Capacity Redundancy of 150%

## Installation Diagrams



For Installation and Sales:



For Parts and Warranty:



[www.greeac.com.au](http://www.greeac.com.au)

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