



Smart air for smarter living

*Cozy
Hi Wall Inverter
Air conditioner*



Find out more at www.greeonline.com



Why Choose a Gree Cozy?



Why Choose a Gree Cozy Hi Wall Air Conditioner?

With Cozy at your side, you can fight the heat or cold and still be kind to the environment. Energy efficient yet powerful, the Cozy is a high-energy inverter split system that excels at single zone applications. Don't be fooled by its compact design. Despite its cooling power, the Cozy's quiet operation includes an intelligent sleep function that adjusts to your sleep pattern in order to maximize comfort and suppress your energy costs. Armed with a gold fin condensor, the Cozy is self-protected from external corrosion, efficiently extending its own operating life. With inbuilt fan delay functionality, air-flow direction control, and a cutting edge defrost feature, the Cozy effectively reduces energy loss – so you only use what you need, when and where you need it.

Single Zone Applications

- Bedrooms
- Living rooms
- Dining rooms
- Home offices
- Garages
- Sunrooms
- Basements
- Computer rooms
- Server rooms
- Sleep outs

What Are The Benefits of the G10 Inverter Technology?

Increased Comfort

The superior control of the G10 Inverter means that even in extreme outdoor temperatures, the air conditioner will maintain the set temperature within $\pm 0.5^{\circ}\text{C}$. During colder months when your home or office is unoccupied, the G10 Inverter ensures the indoor temperature is maintained at a minimum of 8°C .

Low Noise

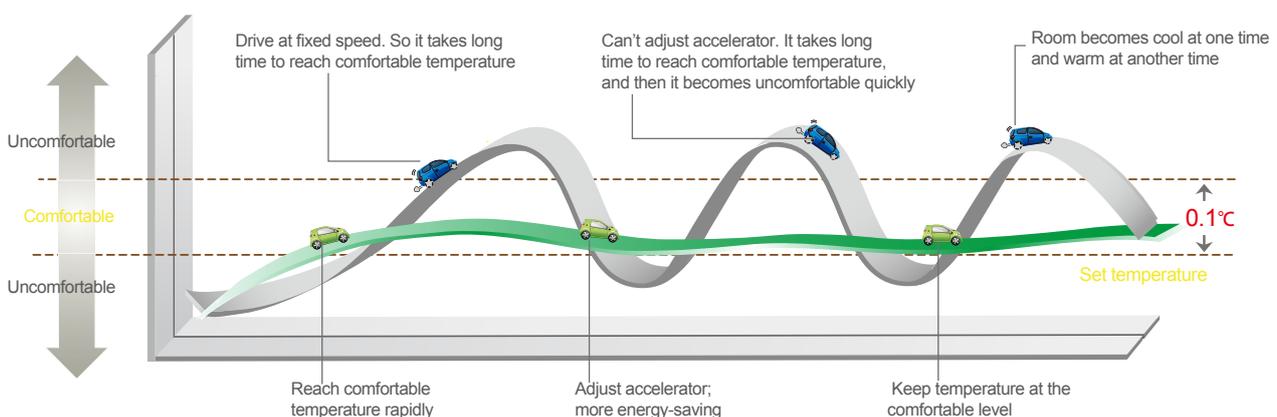
The Gree 180° Sine Wave DC Speed Varying Technology offers precise control giving unceasing operation and accurate temperature stability. By operating over a wider frequency the compressor is less stressed giving superior reliability while offering lower noise levels.

Greater Power Savings

The G10 Inverter can save approximately up to 20% more power year on year compared to a fixed speed air conditioner. In addition to this, Gree Air Conditioners use less than 1W of power in standby mode.

All Gree Air Conditioners are fitted with Gree's G10 Inverter Technology.

Inverter air conditioners are more powerful and more energy efficient than fixed speed air conditioners. Gree G10 Inverter's use highly sensitive signal processors to vary the speed of the air conditioner to match the temperature required. When the desired temperature is achieved, the G10 Inverter technology ensures it's continually maintained with minimal noise.



● Output power variation diagrammatic sketch

 Inverter system
 Fixed-speed system



Cold Air Prevention

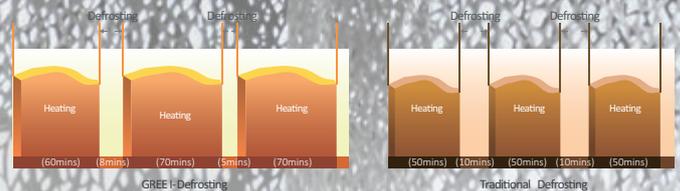
To prevent cold air blowing into a room when the unit is first turned on or after defrosting the indoor fan will remain off until the indoor coil reaches the desired room temperature setting.

Wide Temperature Operation

GREE air conditioners and heat pumps are designed to operate efficiently from -15 to +45°C.

Intelligent Defrosting

Intelligent defrosting is designed to minimise the defrost time and reduce the number of defrost cycles; therefore, reducing energy waste.

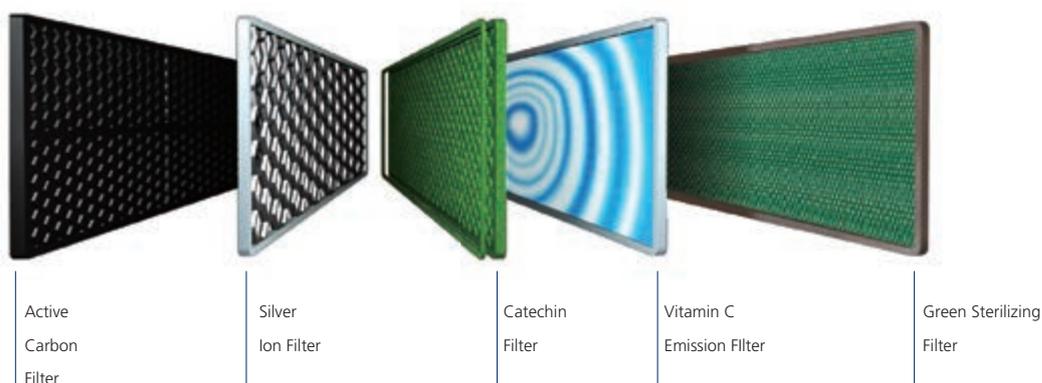


Better Air Quality

The Cozy Hi-Wall Inverter Air Conditioner includes a range of filters that clean the indoor air and remove oxygen free radicals thus improving the air quality.

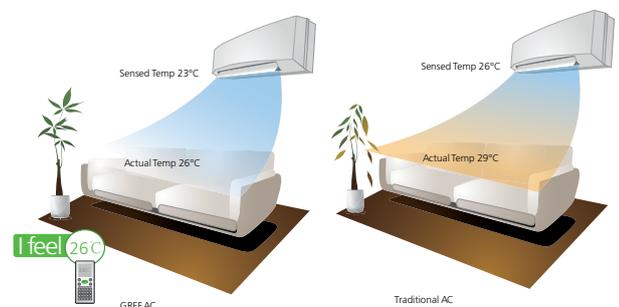
There are 5 filter options available:

- Active Carbon is an excellent absorber removing harmful gases from the air.
- Silver Ion is an almost perfect sterilising technology. Attacks bacteria and micro-organisms.
- Catechin is an additive with excellent anti-oxidisation and powerful sterilisation properties.
- Vitamin C Emission Filters release antioxidant vitamin C into the air, the active carbon or oxygen radicals in the are suppressed which results in effective deodorization.
- Green Sterilising Filters support the filter and provide a mould-proof and sterilising function.



iFeel

This clever feature enables the unit to take temperature readings from where we sense the indoor temperature rather than where the indoor unit senses the temperature. By pressing the “I Feel” button the room temperature is now recorded from a sensor in the remote control rather than from the unit itself. This gives intelligent temperature control where it is needed and provides a more precise and comfortable environment.



Mould and Odour Prevention

When used as an air conditioner and once turned off the indoor coil is wet and provides a great environment for mould and bacteria to grow. With GREE, once the heat pump is switched off the air direction panel closes and the indoor fan continues to run until the indoor coil is dry. This helps to keep the coil clean and prevents the growth of mould and bacteria as well as reducing bad odours in the air conditioner.

Dehumidity Control

Gree air conditioners have an independent dehumidification system in-built. Upon selecting this mode the unit runs in cooling mode with the indoor fan speed on low. The unit cycles the compressor to allow the indoor coil to be coated in ice before defrosting the coil and removing the moisture from the room. This reduces the level of humidity in the room without over cooling the room.

Features



1 W Standby



I Feel



3D Airflow



Overlong Distance Air Flow



Sleep Curves



Cold Air Prevention



Quiet Design



Timer



'Turbo' Button



Clock Display



Self-diagnosis



Auto Restart



Lock



LED Display



Intelligent Defrosting



Low-Voltage Startup



Low-Temperature Startup



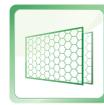
Auto Clean



Automatic Operation



Soft Start



Healthy Filters

Features: ● Standard ● Optional

Cooling capacities are based on AS/NZ 3823.1.1.

Running current is rated at AS/NZ 3823 standards and does not include compressor start-up or power supply variations. Failure to comply with relevant Government regulations may void the warranty. Due to continuous product improvements, specifications are subject to change without prior notice.





Intelligent Air Flow

This automatically adjusts air flow depending on the selected mode. In cooling, the air is directed across the room and allowed to sink and in heating the air is directed down in a form of a waterfall before rising back up.

Turbo Mode

This will run the unit at super high fan speed to cool or heat the room quickly so that the ambient temperature approaches the pre-set temperature as soon as possible. This provides better comfort levels and energy usage.

Anti-Corrosion Outdoor Unit

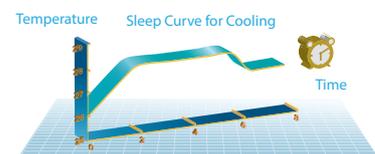
All Gree condensing coils have the fin stock coated with a blue hydrophilic coating giving greater corrosion resistance. All Gree condensing units are made from galvanised sheet steel that is then painted for added protection. Stainless steel screws are used throughout.

Demand Response Enabling Device – DRED (AS/NZS4755)

The Gree Cozy range of hi-wall air conditioners have been fitted with a Demand Response Enabling interface. When connected to a Demand Response Enabling Device, this enables the Power Supplier to control the output of you air conditioner during peak power demand periods. Once installed the DRED device will allow you to participate in incentive schemes run by various energy providers like Energex in Queensland with their Positive Payback Program. There are currently no programs or requirement in New Zealand for the Demand Response device.

Sleep Mode

The temperature overnight does not stay the same. The Gree Humanised Sleep Mode gently raises or lowers the temperature automatically to maintain a comfortable room temperature and save energy.



| Gree Cozy Hi-wall Inverter Split Systems | | | GWH09MB-K3DNA2H | GWH12MB-K3DNA2H | GWH18MC-K3DNA2H | GWH24MD-K3DNA2H | GWH24ME-K3DNA3A | GWH28ME-K3DNA1H |
|--|--------------------|--------|---|-----------------|-----------------|-----------------|-----------------|-----------------|
| Part Number | Australia | | AC4111D | AC4113D | AC4115D | AC4117D | AC4119D | AC4121D |
| Performance | | | | | | | | |
| Capacity | Cooling | kW | 2.6 | 3.5 | 5.2 | 6.3 | 7.0 | 8.0 |
| | Heating | | 2.8 | 3.85 | 5.85 | 6.3 | 7.5 | 8.4 |
| Range | (min~max) | kW | (0.8~3.7) | (0.9~3.9) | (0.65~6.0) | (0.7~7.0) | (1.4~8.7) | (2.1~8.4) |
| | | | (0.8~3.8) | (1.2~4.0) | (0.9~7.0) | (0.95~8) | (1.05~10) | (1.8~9.3) |
| Input | Cooling | kW | 0.68 | 0.95 | 1.59 | 1.93 | 2.14 | 2.46 |
| | Heating | | 0.73 | 1.03 | 1.79 | 1.93 | 2.3 | 2.55 |
| Range | (min~max) | kW | (0.12~1.1) | (0.3~1.1) | (0.31~2.1) | (0.31~2.25) | (0.47~3.6) | (0.65~3.2) |
| | | | (0.16~1.2) | (0.35~1.2) | (0.31~2.5) | (0.32~2.55) | (0.43~3.6) | (0.6~3.5) |
| Energy Label 2011 | Cooling | Stars | 3 | 2.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| | Heating | | 3 | 2.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| AEER Cool T1 | 100% | W/W | 3.94 | 3.56 | 3.09 | 3.18 | 3.17 | 3.25 |
| | 83% | W/W | n/a | 3.84 | 3.31 | 3.28 | 3.37 | n/a |
| ACOP Heat H1 | 100% | W/W | 3.81 | 3.69 | 3.14 | 3.07 | 3.14 | 3.29 |
| | 83% | W/W | n/a | n/a | 3.38 | 3.36 | 3.39 | n/a |
| Capacity | Heating (H2) | kW | 2.76 | 3.58 | | | | n/a |
| COP (H2) | | W/W | 2.69 | 2.52 | | | | n/a |
| Moisture Removal | | l/h | 0.8 | 1.4 | 1.8 | 2.5 | | 2.7 |
| Airflow H/S | | l/s | 161 | 161 | 236 | 263 | 333 | 306 |
| SPL (JIS C9612) | Indoor | db | 40/37/34/31 | 42/39/36/33 | 46/44/40/35 | 51/45/42/39 | 51/47/43/40 | 51/48/43/40 |
| SPL (JIS C9612) | Outdoor | db | 50 | 52 | 56 | 56 | 59 | 59 |
| Electrical | | | | | | | | |
| Power Supply | | | 230V/50Hz/1ph | | | | | |
| Circuit Breaker | | Amp | 10 | | 15 | 20 | | |
| Current | Cool/Heat T1 | Amp | 3.1/3.3 | 4.2/4.4 | 7.0/7.9 | 8.6/8.6 | 10.1/10.8 | 10.91/11.31 |
| Dimensions and Weights | | | | | | | | |
| Dimensions (HxWxD) | Indoor | mm | 275x845x180 | 275x845x180 | 298x940x200 | 315x1007x219 | 326x1178x253 | 326x1178x253 |
| | Outdoor | | 540x776x320 | 596x842x320 | 700x955x396 | 700x955x396 | 790x980x427 | 790x980x427 |
| Nett Weight | Indoor | kg | 9.5 | 9.5 | 13 | 16 | 17.5 | 17.5 |
| | Outdoor | | 28.5 | 34 | 44 | 50 | 65 | 70 |
| Installation | | | | | | | | |
| Refrigerant Piping | Liquid Line | mm(in) | 6.35 (1/4") | | | | | |
| | Gas Line | | 9.52 (3/8") | 12.7 (1/2")* | 12.7 (1/2") | 15.88 (5/8") | | |
| | Connection | | Flare | | | | | |
| Refrigerant R410A | Pre-charged amount | kg | 0.87 | 1.2 | 1.2 | 1.9 | 1.8 | 2.40 |
| | | m | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 |
| Additional gas charge | | g/m | 20 | 20 | 20 | 50 | 50 | 50 |
| Power Supply | | | Outdoor (DREDS Enabled) | | | | | |
| Control wiring (included) | | | 3 Core plus Earth (4 cores) 1mm length 5m | | | | | |
| Maximum Piping Length | H/L | m | 10/15 | 10/20 | 10/25 | 10/25 | 10/30 | 10/30 |
| Operating Temperature Range | Cooling | °C | 18~48 | 18~48 | 18~43 | 18~43 | 18~43 | 18~43 |
| | Heating | | -15~24 | -15~24 | -7~24 | -7~24 | -15~24 | -7~24 |

*Can be connected with a 3/8" gas line, 3/8" to 1/2" reducing flare nuts provided



For Installation and Sales:

For Parts and Warranty:



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www.greeonline.com
0800 BUY GREE (NZ)
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