



Smart air for smarter living

Cozy Hi Wall Inverter Air conditioner



Find out more at www.greeac.co.nz



Why Choose a Gree Cozy?



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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

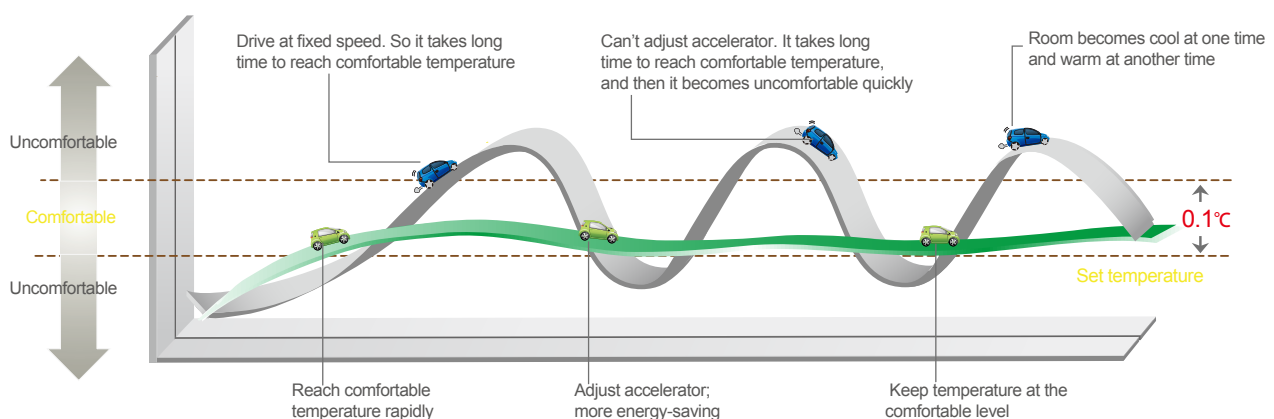
The Gree 180° Sine Wave DC Speed Varying Technology offers precise control giving unceasing operation and accurate temperature stability. By operating over a wider frequency the compressor is less stressed giving superior reliability while offering lower noise levels.

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.





Cold Air Prevention

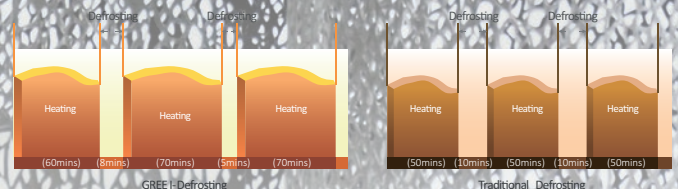
To prevent cold air blowing into a room when the unit is first turned on or after defrosting the indoor fan will remain off until the indoor coil reaches the desired room temperature setting.

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.

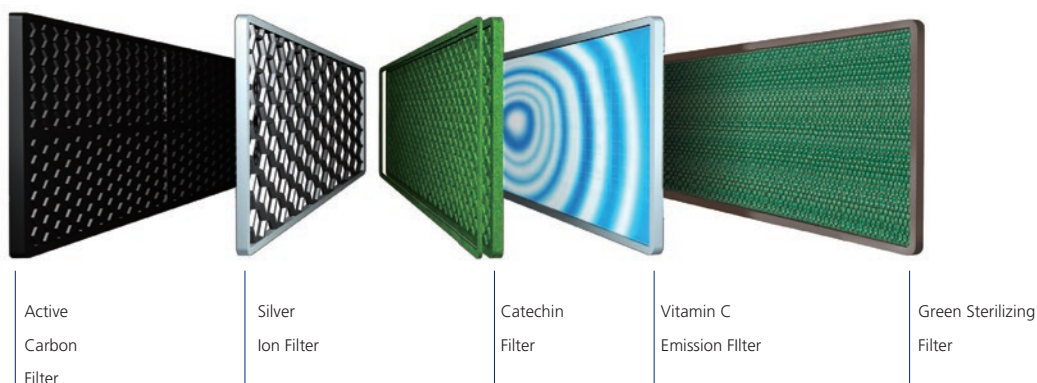


Better Air Quality

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.

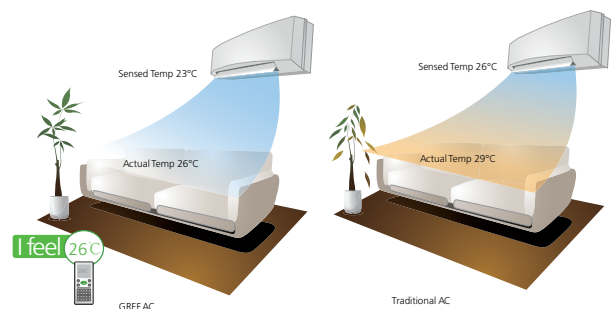
There are 5 filter options available:

- 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.



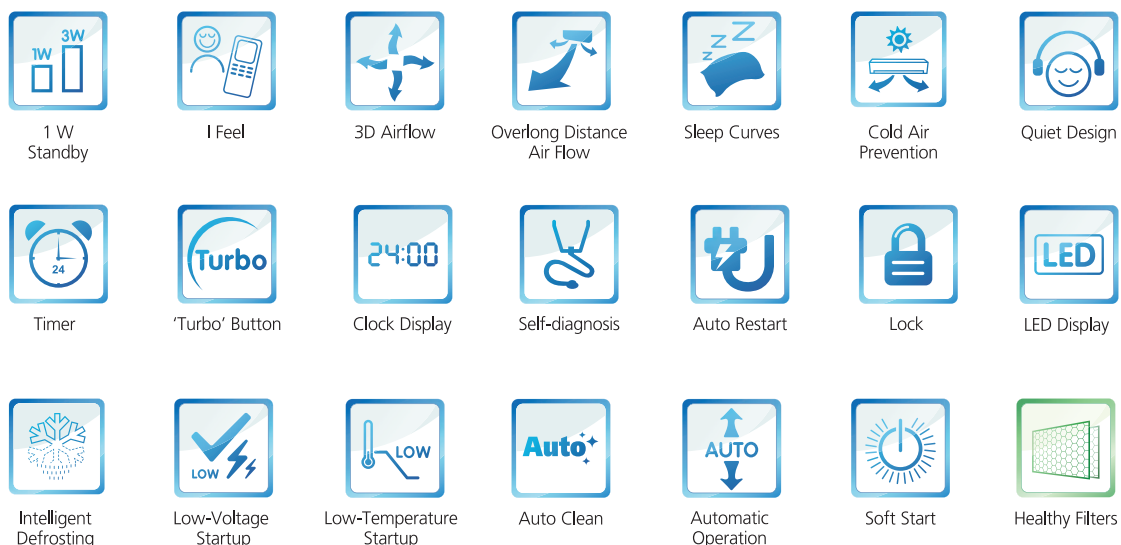
Mould and Odour Prevention

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



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

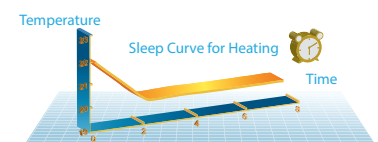
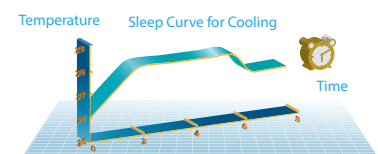
This will run the unit at super high fan speed to cool or heat the room quickly so that the ambient temperature approaches the pre-set temperature as soon as possible. This provides better comfort levels and energy usage.

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.

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
Part Number	New Zealand		AC7180D	AC7181D	AC7182D	AC7183D	AC7184D
Performance							
Capacity	Cooling	kW	2.6	3.5	5.2	6.3	7.0
	Heating		2.8	3.85	5.85	6.3	7.5
Range	(min~max)	kW	(0.8~3.7)	(0.9~3.9)	(0.65~6.0)	(0.7~7.0)	(1.4~8.7)
			(0.8~3.8)	(1.2~4.0)	(0.9~7.0)	(0.95~8)	(1.05~10)
Input	Cooling	kW	0.68	0.95	1.59	1.93	2.14
	Heating		0.73	1.03	1.79	1.93	2.3
Range	(min~max)	kW	(0.12~1.1)	(0.3~1.1)	(0.31~2.1)	(0.31~2.25)	(0.47~3.6)
			(0.16~1.2)	(0.35~1.2)	(0.31~2.5)	(0.32~2.55)	(0.43~3.6)
Energy Label 2011	Cooling	Stars	3	2.5	1.5	1.5	1.5
	Heating		3	2.5	1.5	1.5	1.5
AEER Cool T1	100%	W/W	3.94	3.56	3.09	3.18	3.17
	83%	W/W	n/a	3.84	3.31	3.28	3.37
ACOP Heat H1	100%	W/W	3.81	3.69	3.14	3.07	3.14
	83%	W/W	n/a	n/a	3.38	3.36	3.39
Capacity	Heating (H2)	kW	2.76	3.58	-	-	-
COP (H2)		W/W	2.69	2.52	-	-	-
Moisture Removal		l/h	0.8	1.4	1.8	2.5	
Airflow H/S		l/s	161	161	236	263	333
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
SPL (JIS C9612)	Outdoor	db	50	52	56	56	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
Dimensions and Weights							
Dimensions (HxWxD)	Indoor	mm	275x845x180	275x845x180	298x940x200	315x1007x219	326x1178x253
	Outdoor		540x776x320	596x842x320	700x955x396	700x955x396	790x980x427
Nett Weight	Indoor	kg	9.5	9.5	13	16	17.5
	Outdoor		28.5	34	44	50	65
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
		m	7.5	7.5	7.5	7.5	7.5
Additional gas charge		g/m	20	20	20	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
Operating Temperature Range	Cooling	°C	18~48	18~48	18~43	18~43	18~43
	Heating		-15~24	-15~24	-7~24	-7~24	-15~24

*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.greeac.co.nz

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0800 289 4733