GREE

Smart air for smarter living

Floor Console

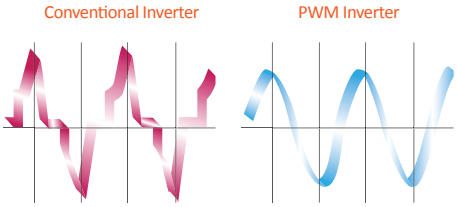
Wifi Now with WiFi as standard

Find out more at www.greeonline.com

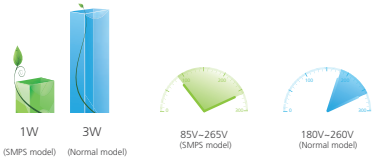
INDUSTRY LEADING 6 GREE YEAR WARRANTY

Power Saving Technology

GREE Sine-Wave DC Inverter technology allows a room to reach the required temperature more rapidly than a fixed speed heat pump. It also eliminates the stop start operation used by fixed speed heat pumps. This can lead to power savings of up to 30% when sized correctly for the living space.



- **180 degree Sine**
  - – Balances input power supply to give more efficient performance.
- **High speed DSP (Digital Signal Processor)**
  - – More efficient unit control.
- **Twin rotary compressor**
  - – Smoother rotation and less vibration.
- **Power factor correction technology (PWM)**
  - – Gives higher efficiency and better compressor protection by matching the inverter control wave to a smoothed sine wave form.
- **1W standby, PCB Protection**
  - – Reduces energy consumption
  - – Switched mode power supply gives better printed circuit board protection between 85V - 265V

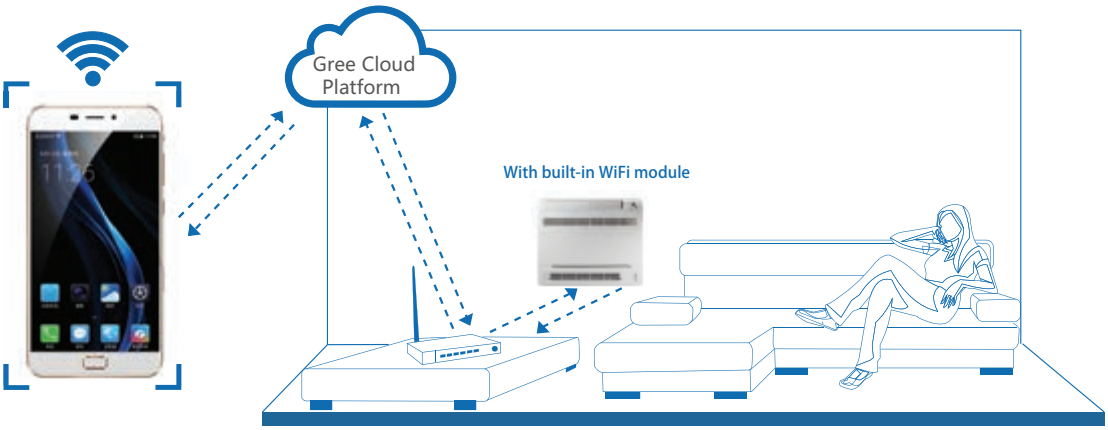


Now With WIFI As Standard

Wifi

New Smart Generation WiFi Control

Wi-Fi available on all models of the Hyper range in both Apple and Android. After installing the “Gree Smart” APP on your phone or tablet, you can remotely control the air conditioner from anywhere in the world.
No additional parts or wiring as Wi-Fi comes factory fitted and available at no extra charge.



Wired Wall Controller (optional)

The Gree Floor Console range can be connected to a stylish wired wall controller. The wired wall controller offers 6 timer functions with a 14 day multi event timer, user function settings and a “child lock” capability.

De-Humidifying

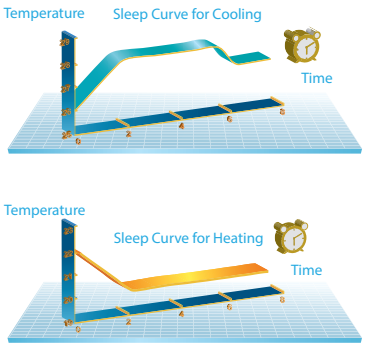
GREE heat pumps have an independent dehumidification system built in. When selecting this mode the heat pump runs inn cooling mode with the indoor fan speed on low.
The heat pump cycles the compressor to allow the indoor coil to be coatednin ice before defrosting the coil and removing the moisture from the room. This allows the heat pump to reduce the level of humidity in the room without over cooling the room.

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

Overnight temperatures can often vary. GREE Humanised Sleep mode gently raises or lowers the temperature automatically to maintain a comfortable room temperature and save energy. Depending on the indoor temperature selected the heat pump will automatically select a sleep curve before turning the unit off preventing sudden changes in temperature.

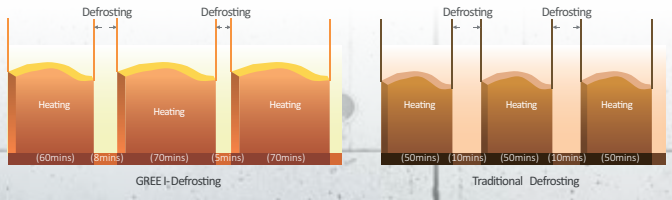


Wide Temperature Operation

GREE heat pumps are designed to operate efficiently from -22° to +43° C

Intelligent Defrosting

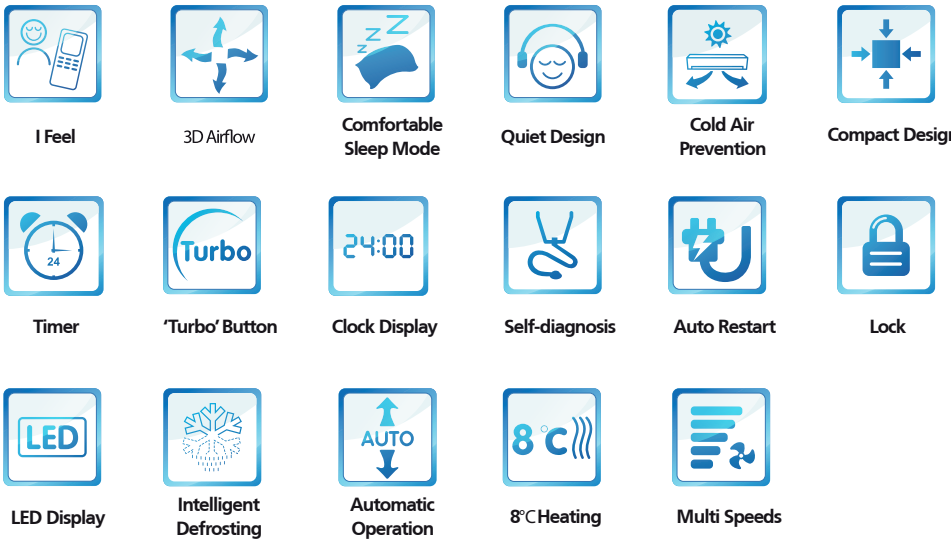
Intelligent defrosting is designed to minimise the defrost time and reduce the number of defrost cycles; therefore, reducing energy waste.



Better Air Quality

- With seven fan speeds available you can choose your desire air flow from super low to turbo.
- With a flick of a button the air can be redirected to ground level. This is only available in the heating mode.
- The auto fan feature enables the on board logic to select the best fan speed based on indoor temperature and thermostat set point.
- The Gree floor console has the power to heat a room quickly and the ability to slow down the indoor fan speed to maintain a comfortable environment while operating at low noise levels.
- The Gree floor console is now fitted with a Plasma Ion Generator. The Plasma Ion Generator produces both positive and negative oxygen ions which provide the following benefits.
  - *Particle Reduction*, air borne particles bond together increasing their size making then easier to filter out.
  - *Sterilisation*, as bacteria and mould divide in the split zone they bond with active oxygen molecules and are oxidised and destroyed.
  - *Odour Neutralisation*, odorous gases oxidise on contact with active oxygen molecules. Odours, especially organic odours are quickly eliminated.
  - *Volatile Organic Compounds*, VOC's gases are emitted from carpets, building materials, furniture, cleaning agents, paints, glues and solvents. The active oxygen ions from the Plasma Ion Generator trade electrons with these VOC's, breaking down their molecular structures into less harmful ones.

Features



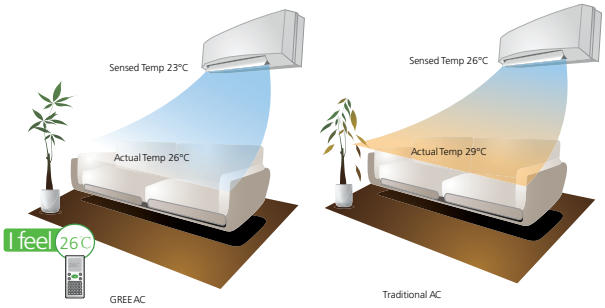
Heating and cooling capacities are based on AS/NZ 3823.1.1.
Running current is rated at ASNZ 3823 standards and does not include compressor start-up or power supply variations. Failure to comply with relevant government regulations may void the warranty. Due to continuous product improvements, specifications are subject to change without prior notice.

Turbo Mode

This feature is designed to run the unit at super high fan speeds to cool or heat the room quickly so that the ambient temperature approaches the pre-set temperature as soon as possible. This allows the unit to unload quicker providing better comfort levels and energy usage.

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 the 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.



Toe Warming Function

- The indoor unit has a twin air flow design.
- When heating, the warm air will be directed to the floor just to make sure your feet feel warm.

Mould and Odour Prevention

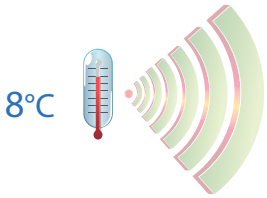
When the heat pump is switched off, the indoor coil is wet and provides a great environment for mould and bacteria to grow. With GREE once the heat pump is switched off the air direction panel closes and the indoor fan continues to run until the indoor coil is dry. This helps to keep the indoor coil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

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.

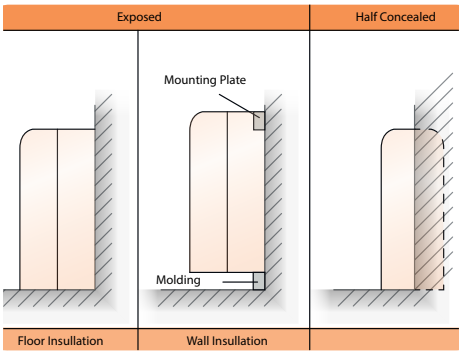
Functions for Low Ambient Temperatures

8°C Heating – To prevent the room temperature falling below zero during winter the heat pump can be set to maintain the room temperature steadily at 8°C when nobody is home.



Smart Indoor Unit Installation

The indoor unit can be mounted either on the floor or the wall. The unit can also be mounted half concealed within a wall by removing the rear casing.



Gree Floor Console			GEH18AA-K3DNA1D
Part Number	New Zealand		AC7413/I + AC7413/O
Performance			
Capacity	Cooling	kW	5.2
	Heating		5.3
Capacity Range (min~max)	Cooling		1.26~6.6
	Heating		1.12~6.8
Input	Cooling	kW	1.6
	Heating		1.5
Input Range (min~max)	Cooling		0.38~2.45
	Heating		0.35~2.5
Energy Label 2011	Cooling	Stars	1.5
	Heating		2.5
AEER Cool T1	100%	W/W	3.25
ACOP Heat T1	100%	W/W	3.55
Moisture Removal		l/h	1.8
Airflow H/S		l/s	194
Sound Pressure Level (JIS C9612)	Indoor	db	47/45/42/40/37/35/31
	Outdoor	db	57
Electrical			
Power Supply			230V/50Hz/1ph
Recommended Circuit Breaker		Amp	15
Current	Cool/Heat T1	Amp	7.1 / 6.7
Dimensions and Weights			
External Dimensions (HxWxD)	Indoor	mm	600x700x215
	Outdoor		700x995x396
Nett Weight	Indoor	kg	15.5
	Outdoor		46
Installation			
Refrigerant Piping	Liquid Line	mm(in)	6.35 (1/4")
	Gas Line		12.7 (1/2")
	Connection		Flare
Refrigerant R410A	Pre-charged amount	kg	1.3
		m	5
Additional Gas Charge		g/m	20
Power Supply			Outdoor
Control Wiring (included)			3 Core plus Earth (4 cores) 1mm length 5m
Maximum Piping Length	H/L	m	10/25
Operating Temperature Range		°C	C-15 ~ 43, H -22 ~ 24

Z1403 MEPSIV INDUSTRY LEADING 6 GREE YEAR WARRANTY 3DC CE

For Installation and Sales:

For Parts and Warranty:

GREE

Smart air for smarter living

www.greeonline.com
0800 BUY GREE (NZ)
1800 GREE 4 ME (AU)

GREE NZ & AUS NOW ON FACEBOOK!