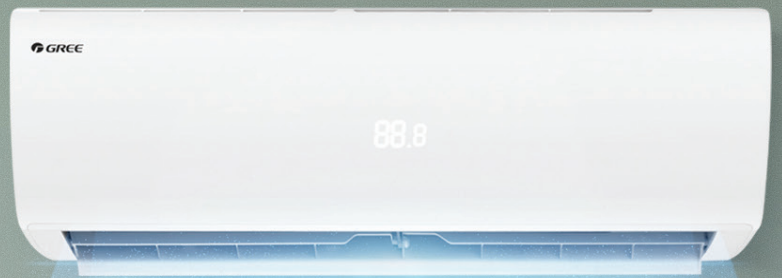


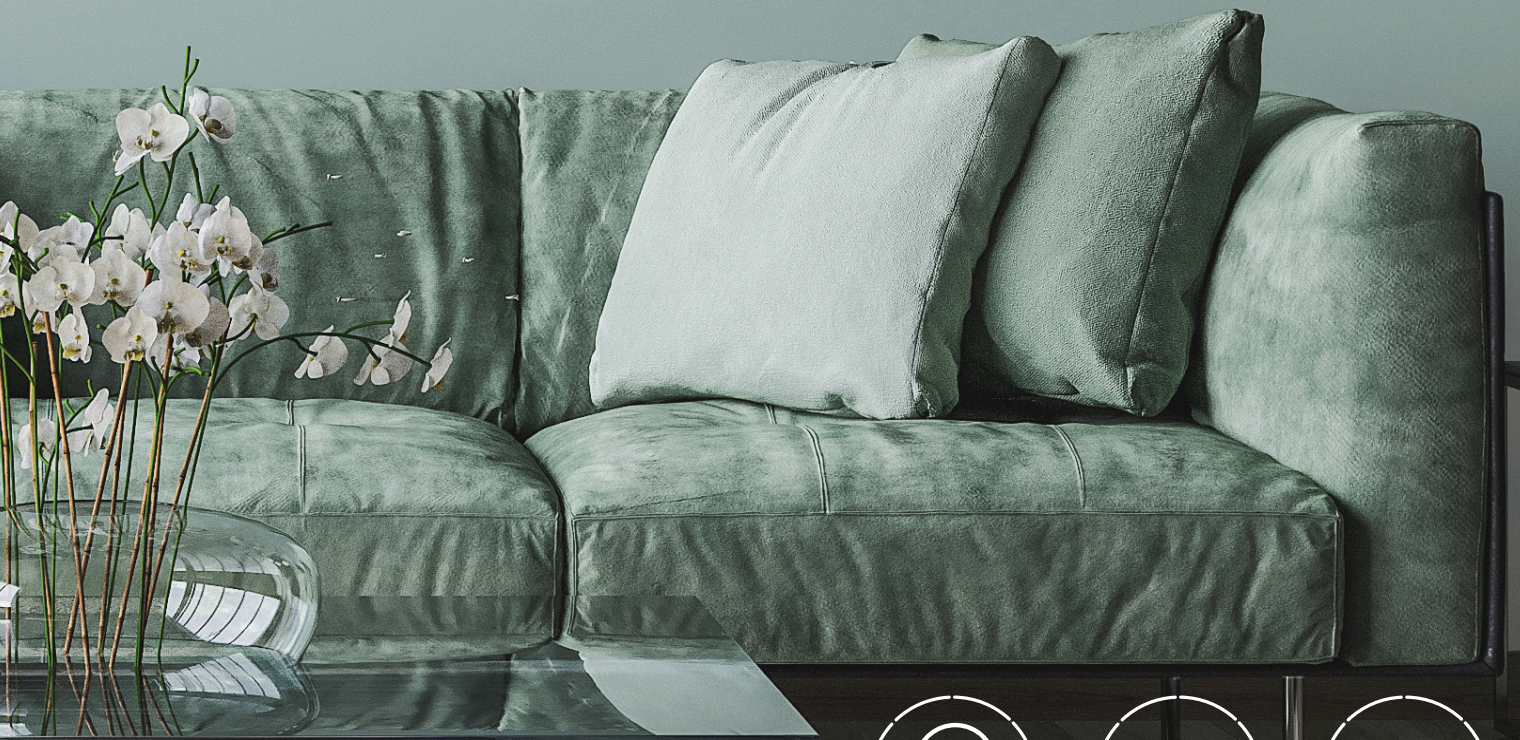
**NEW**



Smart air for smarter living



*Hyper+ AI\**  
*Hi-wall Inverter*  
*Heat Pump*



Find out more at [www.greeac.co.nz](http://www.greeac.co.nz)





# Enjoy Smart Life

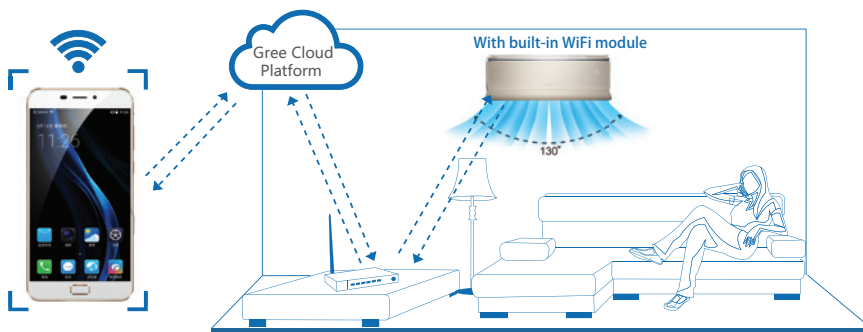


## ***New Smart Generation WiFi Control***

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.

## ***"iFeel" Remote Control***

All units come with the Gree YAG1FB1 remote controller. Along with user and timer functions the YAG1FB1 also features "i-Feel" control for greater comfort.







### ***Wired Wall Controller (optional)***

The Gree Hyper 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.



### ***"iChoose" LED Display***

The Gree Hyper range features the new “I-Choose” LED displays. The display will show power and set point down to 0.1°C. Using the remote you can see the indoor set point temperature and when it’s time to sleep, the display can be switched off, leaving a pristine flat panel.

### ***High Efficiency and Energy Savings***

With the new Seasonal Energy Rating Label (SERL) showing 6.5 stars\*, Gree Hyper heat pumps are some of the most energy efficient units on the market. The Gree Hyper range not only looks good, it also costs you less to run. With 8 models there is the perfect match for your environment.

\*GWH09ABAXD-K6DNC8A





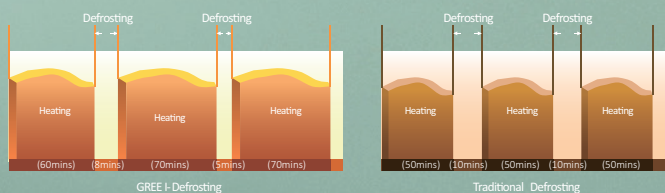
# Smart Comfort Smart Energy-Saving

## Smart Health

The Gree Hyper range comes standard with High Density Filters. These filters have a higher than normal density to filter dust and pollen from the air. Mini Photocatalytic filters are also standard. These filters oxidise and degrade organic contaminants eliminating bacteria, viruses and unpleasant smells. The Gree Hyper range has a Drying function. When selected this automatically runs the fan for a set period of time after switching the unit off to help dry the coil and to prevent the build-up of mildew.

## Intelligent Defrosting

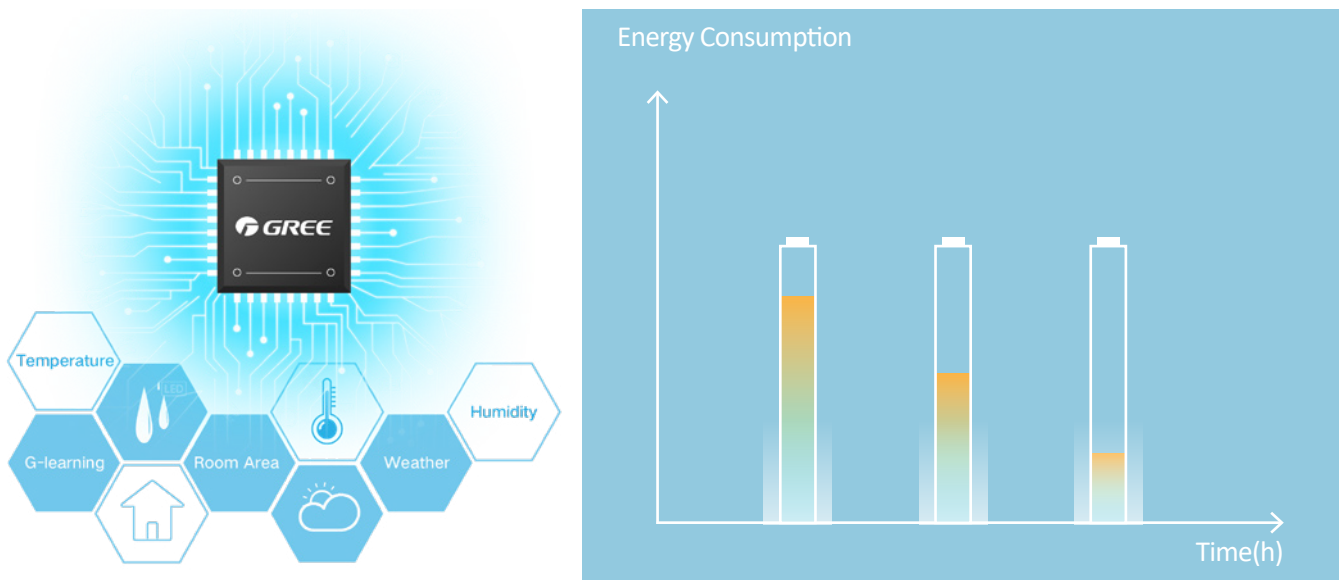
Intelligent defrosting is designed to minimise the defrost time and reduce the number of defrost cycles; therefore, reducing energy waste.





## G-AI Technology\*

Gree Electric's independently developed AI technology brings unparalleled comfort with increased energy savings. By adopting the G-AI algorithm and chipset, the Hyper range heat pumps can adapt to complex and varied user environments. It can adjust the temperature flexibility to achieve a more constant temperature and a more comfortable environment. The G-AI algorithm combines Deep Q-Learning and Expert System Theory to dynamically learn the different environmental parameters, actively taking the best control strategy to provide maximum comfort whilst using less energy. The G-AI is a self-learning system, so the more you use the system, the better it becomes at selecting the most suitable strategy to maintain a comfortable environment while achieving greater energy savings.

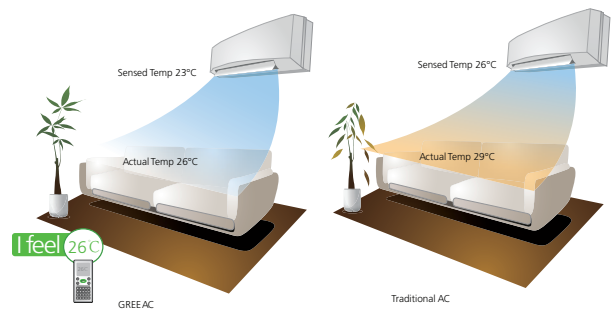


\*Currently available on the 09, 12+18K models only.

Gree-AI has been independently tested in Europe by Intertek and they found that the annual energy consumption was 10% lower than a non AI system.

## iFeel

All Gree Hyper heat pumps feature "I-Feel" functionality in your hand held remote control. By pressing the "I-Feel" button on the remote control the temperature to control the unit is recorded from a sensor in the remote control rather than at the indoor unit on the wall. "I-Feel" gives intelligent temperature control where it is needed and provides a more comfortable environment. Smart comfort features like the "Turbo" function are designed to run the unit at super high speed to heat or cool the room quickly.



## Dehumidity Control

Typically air conditioners dry out a room when cooling. Excessive dehumidification may occur if it is not controlled, which not only wastes power but also affects comfort.

To control humidity the Hyper series will select an appropriate operational frequency according to the heat load. When the desired condition is reached, the unit will reduce the frequency and improve the evaporative temperature in order to reduce dehumidification and thus keep the best humidity condition for you.





## Reliably Smart

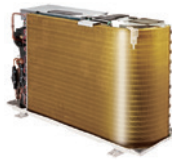
The Hyper range of heat pumps incorporates Gree's G10 inverter along with the new G-AI, high speed, DSP computer chip for precise inverter control and system learning. This ensures greater control which leads to greater efficiency.

The inverter PCB in the outdoor unit can work up to 85°C for greater reliability and both the indoor and outdoor PCB's are coated to protect them from the ingress of moisture, dust and dirt.

The new Hyper range of outdoor units feature Gold Fin coating on the outdoor coil. This improves efficiency by accelerating the defrost process and offers greater resistance to corrosive elements. Gold fin coils perform 20x better under salt spray testing than Blue Fin Coils.

All Gree hi-walls come with a "Six Year, Parts and Labour Warranty". And there are no strings attached, if your installer is industry qualified that's ok by Gree.

All motors and fan motors are DC for greater energy efficiency and better performance.







## Features



Intelligent Auto Restart



Comfortable Sleep Curves



Cold Air Prevention



LED Display



Timer



Intelligent Defrosting



Auto Clean



Turbo Button



3D Airflow



I Feel



Golden Fin



0.1°C Accurate Setting



Dred



Self-Diagnosis



Dehumidifying



Auto Restart



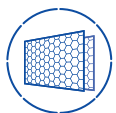
Energy Saving



Wifi Control



8°C Heating



Healthy Filters



-15°C Cooling



R32 Refrigerant



G-AI Energy-saving\* Technology



Wired Controller



Standard



Optional



Model		GWH09ABAXD-K6DNC8A/I	GWH12ABAXD-K6DNC8A/I	GWH15QDXE-K6DNC8B/I	GWH18QEXF-K6DNC8A/I	GWH21QEXF-K6DNC8A/I	GWH24QEXF-K6DNC8A/I	GWH28QEXH-K6DNC8A/I	GWH32QFXH-K6DNC8A/I
		GWH09ABAXD-K6DNC8A/O	GWH12ABAXD-K6DNC8A/O	GWH15QDXE-K6DNA1A/O	GWH18QEXF-K6DNC8A/O	GWH21AGEXF-K6DNA1A/O	GWH24AGEXF-K6DNA1A/O	GWH28AGEXH-K6DNA1A/O	GWH32QFXH-K6DNA1A/O
Part Number		AC7242-I/O	AC7243-I/O	AC7244-I/O	AC7245-I/O	AC7246-I/O	AC7247-I/O	AC7248-I/O	AC7249-I/O
<b>Performance</b>									
Cooling Capacity (range)	kW	2.55 (0.70~4.25)	3.52 (0.60~4.60)	4.6 (1.00~6.40)	5.2 (1.00~6.90)	6.3 (1.60~8.60)	7.1 (1.10~8.80)	8.5 (1.60~10.25)	9.4 (2.10~12.20)
Heating Capacity (range)	kW	3.25 (1.20~4.90)	4.0 (0.80~5.40)	4.7 (1.40~6.40)	5.6 (1.40~8.00)	7.4 (2.00~9.06)	8.0 (2.00~9.50)	9.0 (2.70~11.30)	10.3 (2.60~12.00)
Cooling power input (range)	kW	0.52 (0.17~1.25)	0.83 (0.19~1.50)	1.15 (0.22~2.10)	1.19 (0.30~1.90)	1.54 (0.40~2.60)	1.84 (0.45~3.10)	2.29 (0.73~3.25)	2.47 (0.68~4.20)
Heating power input (range)	kW	0.67 (0.19~1.50)	0.92 (0.14~1.60)	1.2 (0.21~2.30)	1.22 (0.30~2.50)	1.81 (0.40~3.00)	2.05 (0.37~3.20)	2.55 (0.51~3.65)	3.03 (0.63~4.10)
Cooling AEER	W/W	4.90	4.24	4.00	4.37	4.15	3.85	3.70	3.80
Heating ACOF	W/W	4.85	4.35	3.92	4.59	4.10	3.90	3.40	3.40
Heating Capacity H2 Ext Cap	kW	3.89	4.09	5.17	5.95	6.96	6.96	7.62	7.97
Power input H2 Ext Cap	kW	1.31	1.50	2.02	2.11	2.67	2.67	2.98	3.35
SERL Star Label	Cool	6.5/6.0/6.0	5.0/4.5/5.0	3.5/3.0/3.0	5.0/4.5/4.5	4.0/3.5/3.5	4.0/3.5/3.5	4.5/4.0/4.0	4.5/4.0/4.0
Hot Ave Cold	Heat	4.5/3.5/3.0	4.0/3.0/2.5	3.0/2.5/2.0	3.5/3.0/2.5	3.5/3.0/2.0	3.5/2.5/2.0	3.5/2.5/2.0	3.5/2.5/2.0
Dehumidifying Volume	L/Hr	0.8	1.4	1.8	1.8	2.5	2.4	3.0	3.0
Air Flow Volumes (Sh/SL)	L/sec	208/75	255/83	263/144	347/222	361/222	361/180	361/194	402/180
Sound Pressure (min/max) Ind	dB(A)	21/40	23/45	24/48	33/45	29/49	32/50	32/49	34/57
Sound Power (min/max) Ind	dB(A)	38/56	38/60	39/63	51/63	41/62	48/77	58/65	47/70
Sound Pressure / Power Out	dB(A)	54/63	55/65	58/69	58/70	58/67	61/68	62/72	62/72
<b>Electrical</b>									
Power Supply (Outdoor)	V/Hz/Ph	220-240 / 50 / 1							
Recommended Circuit Breaker	A	10			15			20	
Nominal Current (cool/heat)	A	2.85/3.4	4.0/4.4	6.0/6.0	5.3/5.4	6.7/7.85	8.1/8.8	10.4/12	11.5/13.5
Control Wiring		3 Core plus Earth (4 Cores)							
<b>Dimensions and Weights</b>									
Dimensions (WxHxD)	mm	798x295x222		970x300x224	1078x325x246	1075x333x246	1078x325x246	1075x333x246	1350x326x253
Net Weight	kg	10		13	15.5	16			20
Dimensions (WxHxD)	mm	802x555x350		873x555x376	958x660x376			1003x790x427	
Net Weight	kg	31	31.5	37	42.5	42.5	43.5	51.5	59.5
<b>Installation</b>									
Operating Temp Range Cool	°C	-10~50							
Operating Temp Range Heat	°C	-15~24							
Refrigerant Type		R32							
Refrigerant Charge	kg	0.8	0.85	1.0	1.2	1.3	1.45	1.7	1.9
Max Pipe Length (pre-charged)	M	15(10)	20(10)	25(10)					
Max Height	M	10							
Additional Refrigerant	g/m	16		12	20	16	40		
Pipe Connection	mm	1/4" ~ 3/8"		1/4" ~ 1/2"			1/4" ~ 5/8"		

Note: Above parameters are for reference only. Actual parameters may vary.



For Installation and Sales:

For Parts and Warranty:



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