



Model	Outdoor Unit		GUHD24N	GUHD36N	GUHD42N	GUHD48N	GUHD60N	
	Indoor Unit		GFH24K	GFH36K	GFH42K	GFH48K	GFH60K	
Capacity	Cooling	W	7000	10000	12000	14000	16000	
		Btu/h	23884	34120	40944	47768	54592	
	Heating	W	8000	12000	14000	16000	18000	
		Btu/h	27296	40944	47768	54592	61416	
EER/COP	W/W	3.21/3.62	3.18/3.61	3.20/3.51	3.20/3.60	3.18/3.60		
Power Supply	Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50		
Power Input	Cooling/Heating	kW	2.18/2.21	3.20/3.40	4.70/4.40	4.70/4.40	5.75/4.70	
Current Input	Cooling/Heating	A	10.1/10.2	15.0/15.5	21.8/20.4	21.8/20.4	21.8/20.4	
Refrigerant charge volume		kg	2.2	3.5	4.0	4.0	5.0	
Indoor unit	Air flow volume	CFM	883	1177	1295	1471	1766	
		m ³ /h	1500	2000	2200	2500	3000	
	ESP	Rated	Pa	50	50	50	50	
		Range	Pa	0-150	0-200	0-200	0-200	
	Sound pressure level (H/M/L)		dB (A)	53/52/48/44	53/52/48/44	55/53/49/45	57/56/54/49	54
	Dimension (WxDxH)	Outline	mm	1226x775x290	1340x750x350	1340x750x350	1340x750x350	1463x799x389
Package		mm	1335x874x290	1423x837x455	1423x837x455	1423x837x455	1540x880x440	
Net weight/Gross weight		kg	46/53	56/65	56/65	56/65	87/115	
Outdoor unit	Sound pressure level		dB (A)	57	63	59	59	63
	Dimension (WxDxH)	Outline	mm	980x427x790	1107x440x1100	958x412x1349	958x412x1349	1085x427x1365
		Package	mm	1083x488x855	1158x493x1235	1043x453x1500	1043x453x1500	1143x478x1505
Net weight/Gross weight		kg	67/72	92/100	105/115	105/115	126/138	
Connection pipe	Outer diameter	Liquid	Inch	3/8	3/8	3/8	3/8	3/8
		Gas	Inch	5/8	5/8	5/8	5/8	3/4
	Max. distance	Height/Length	m	15/30	15/30	30/50	30/50	30/50

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



Information for Installers

Wide Voltage Range Operation

The Gree Ducted Air Conditioning System can operate safely within 198V and 264V.



Auto Restart

The system will automatically restart with the same mode and fan settings after a power outage.

Condensate Pump & Safety Float Switch

The condensate pump and safety float switch are standard in the Gree Ducted Air Conditioning System. The safety float switch will turn off the system in the event of a problem with either the pump or the drain line to prevent water damage.

Adjustable ESP

Indoor units on the Gree Ducted Air Conditioning System all come with adjustable static pressure, this can be adjusted on the controller during commissioning, there are 9 steps ranging from 10 to 200Pa.

Non Polarity Communication Wire

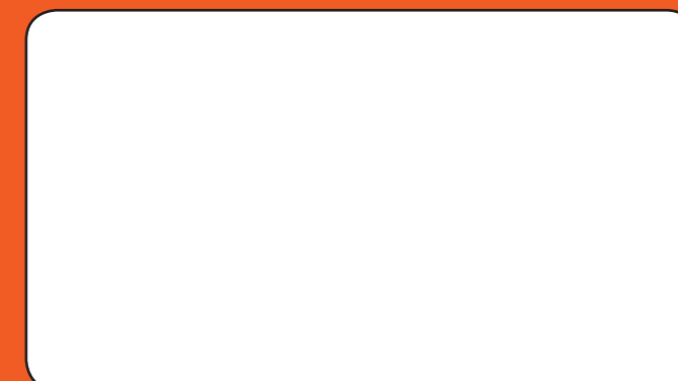
Common 2 core power cord or telephone line can be used as the communication wire.

Optional Controls

The Gree Ducted Air Conditioning System has an interface for installing a Gate Card or a Human Detection Device, they can also be connected to a Building Management System using the ModBus port on the indoor units.

For Installation and Sales:

For Parts and Warranty:



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Ducted Systems

For Commercial & Residential Applications



Gree Ducted Air Conditioning Systems

Why Choose a Gree Ducted Air Conditioning System?

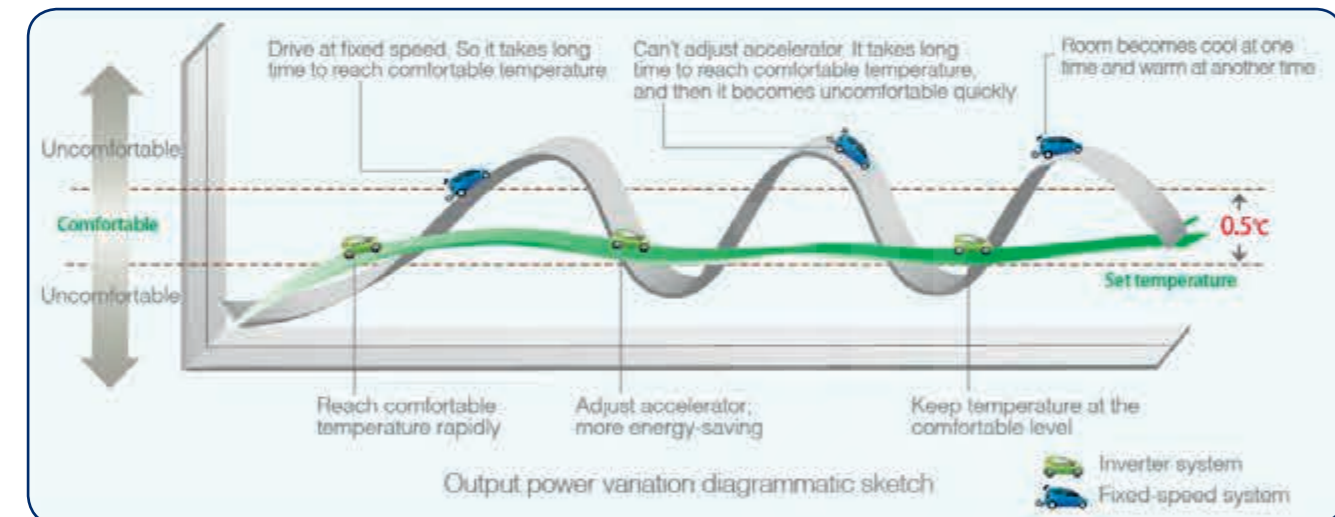
Gree Ducted Air Conditioning Systems offer discreet heating and cooling for your whole home or work place. Each install is tailored specifically for your home or office, so your Gree Ducted Air Conditioning System will fit perfectly into your environment. By adding zone controls, it offers a higher level of control compared to traditional air conditioning units, which means a greater level of comfort and increased energy efficiency.

Unlike traditional hi-wall air conditioners, the Gree Ducted System is integrated into your home or office roof or floor space, this means you will only see the grilles and controllers, so no bulky units taking up wall space. There are a wide range of grilles available to match in with your interior design and they can be positioned to suit the room size and shape to ensure even air distribution for maximum comfort with minimal noise.

Gree Ducted Air Conditioning Systems can be installed into new builds or can also be retro fitted into your existing home or office.

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.



What Are The Benefits of the G10 Invertor Technology?

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.



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.

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 .

Controlling the Gree Ducted System

The Smart Zone Controller can directly control 16 separate indoor units on commercial applications.

One indoor unit can be controlled by two separate controllers, for example you can change the temperature in the lounge using the controller in the lounge or the controller in the kitchen. Both the controllers can be operated by remote control or Wifi (Wifi and remote control at additional cost).



Optional Extras

Wireless Remote Control

By adding the Light Board, the Gree Ducted Air Conditioning System can be controlled by either the wall controller or remote control.

By installing Pebble Wifi you can also use your Apple or Android device to control the Gree Ducted Air Conditioning System.



Gate Card Function

Gate Card is an optional door control module, it switches off the Gree Ducted Air Conditioning System when a door is left open to conserve energy.



Human Detection Device

This device senses human movement so when you leave the room the Gree Ducted Air Conditioning System automatically shuts down to conserve energy. When you come back in, it switches back on.



ModBus

The Gree Ducted Air Conditioning System can be connected to a Building Management System by connecting to the Modbus port on the indoor units.

