

## Floor Ceiling (Indent only)

Model		Unit	GTH09BA-K3DNA1A/I	GTH12BA-K3DNA1A/I	GTH18BA-K3DNA1A/I	GTH24BA-K3DNA1A/I
Capacity	Cooling/Heating	kW	2.50/2.80	3.50/3.85	5.00/5.50	7.10/8.00
Air Flow Volume		l/s	181	181	264	333
Sound Pressure Level		dB(A)	40/38/36	40/38/36	45/42/40	48/46/44
Dehumidity Volume		l/hr	0.8	1.4	1.8	2.5
Dimension (WxDxH)	Outline	mm	1220x700x225	1220x700x225	1220x700x225	1220x700x225
	Package	mm	1343x823x315	1343x823x315	1343x823x315	1343x823x315
Net weight/Gross weight		kg	40/50	40/50	40/50	45/54
Connecting pipe Outer Diameter	Liquid Pipe	mm	φ6.35	φ6.35	φ6.35	φ9.52
	Gas Pipe	mm	φ9.52	φ9.52	φ12.7	φ15.9
Recommended Application Area		m <sup>2</sup>	11-17	16-21	23-33	32-48

Optional Wall Controller

## Compact Cassette/Cassette (Indent only)

Model		Unit	Compact Cassette		Cassette
			GKH12BA-K3DNA2A/I	GKH18BA-K3DNA2A/I	GKH24BA-K3DNA1A/I
Capacity	Cooling/Heating	kW	3.50/4.00	4.50/5.00	7.10/8.00
Air Flow Volume		l/s	167	167	328
Sound Pressure Level		dB(A)	46/44/42	46/44/42	39/37/35
Dehumidity Volume		l/hr	1.4	1.8	2.5
Dimension (WxDxH)	Outline	mm	570x570x230	570x570x230	840x840x240
	Package	mm	851x731x325	851x731x325	963x963x325
Net weight/Gross weight		kg	18/23	18/23	28/35
Panel Dimension (WxDxH)	Outline	mm	650x650x60	650x650x60	950x950x60
	Package	mm	733x673x117	733x673x117	1043x1028x130
Panel Net weight/Gross weight		kg	18/23	18/23	28/35
Connecting pipe Outer Diameter	Liquid Pipe	mm	φ6.35	φ6.35	φ9.52
	Gas Pipe	mm	φ9.52	φ12.7	φ15.9
Recommended Application Area		m <sup>2</sup>	16-24	24-35	32-47

Optional Wall Controller

Item	Nominal Operating Conditions				
	Outdoor Conditions		Indoor Conditions		Outdoor Conditions
	DB (°C)	WB (°C)	DB (°C)	WB (°C)	DB (°C)
Cooling	35	24	27	19	-15~43
Heating	7	6	20	15	-15~24

## Combinations

Model	One Indoor Units	Two Indoor Units
GWHD (18)NK3JO	09	09+09
	12	12+12

Model	Two Indoor Units		Three Indoor Units	
GWHD (24)NK3JO	09+09	09+12	09+09+09	09+09+12
	09+18	12+12	09+12+12	09+09+18
	12+18	18+18	12+12+12	-

## Combinations

Model	Two Indoor Units		Three Indoor Units		Four Indoor Units
GWHD (28)NK3JO	09+09	09+12	09+09+09	09+09+12	09+09+09+09
	09+18	12+12	09+12+12	09+12+18	09+09+09+12
	12+18	18+18	12+12+18	09+09+18	09+09+12+12
	-	-	12+12+12	-	-

Model	Two Indoor Units		Three Indoor Units		Four Indoor Units
GWHD (36)NK3JO	09+09	12+24	09+09+09	09+12+24	09+09+09+09
	09+12	18+18	09+09+12	09+18+18	09+09+09+12
	09+18	18+21	09+09+18	09+18+21	09+09+09+18
	09+21	18+24	09+09+21	12+12+12	09+09+09+21
	09+24	21+21	09+09+24	12+12+18	09+09+12+12
	12+21	21+24	09+12+12	12+12+21	09+09+12+18
	12+18	24+24	09+12+18	12+12+24	09+12+12+12
	12+21	-	09+12+21	12+18+18	12+12+12+12

Model	Two Indoor Units		Three Indoor Units		Four / Five Indoor Units	
GWHD (42)NK3JO	09+09	18+18	09+09+09	09+18+18	09+09+09+09	09+09+09+09+09
	09+12	18+21	09+09+12	09+18+21	09+09+09+12	09+09+09+09+12
	09+18	18+24	09+09+18	09+21+21	09+09+09+18	-
	09+21	21+21	09+09+21	12+12+12	09+09+09+21	-
	09+24	21+24	09+09+24	12+12+18	09+09+12+21	-
	12+21	24+24	09+12+12	12+12+21	09+09+12+18	-
	12+18	-	09+12+18	12+12+24	09+12+12+12	-
	12+21	-	09+12+21	12+18+18	09+12+12+18	-
	12+24	-	09+12+24	12+18+21	09+12+12+19	-



# Free Match

## Gree Multi Split System



For Installation and Sales:

For Parts and Warranty:



Smart air for smarter living

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



GREE  
NZ & AUS  
NOW ON  
FACEBOOK!



# Gree Free Match Systems



## Why Choose a Gree Free Match System?

The Gree Free Match System provides the flexibility of heating or cooling your entire home or office with up to five indoor units with just one outdoor unit. This means less noise and less space taken up by large outdoor units all powering multiple indoor units. The indoor units can be different types and/or capacities which means you can customise your heating and cooling needs specifically for your home or office.

For example you can choose a 5kW Hansol Hi Wall Unit for your lounge, a 2.5kW Cozy Hi Wall for your master bedroom and a 3.5 kW Cassette for your kitchen and they can all be run from one outdoor unit.

This allows you complete temperature control over your entire home or office environment which gives increased comfort and greater energy efficiency.

## 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 Inverter Technology?

### Greater Power Savings

The G10 Inverter can save approximately 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 continuous 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  $\pm 0.5^{\circ}\text{C}$ .

## Controlling the Gree Free Match System

Each indoor unit has its own controller, this means you can perfectly customise the temperature in each room without affecting the other rooms. Hi Wall units have remote controls and the Cassette and Ducted have wall mounted controllers.

## Optional Extras

### Wireless Remote Control

By installing Pebble Wifi you can also use your Apple or Android device to control each indoor unit in the Gree Free Match System.

## Information for Installers

### Wide Voltage Range Operation

The Gree Free Match System can operate safely within 198V and 264V which means that voltage variations are less likely to cause damage.



### Auto Restart

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

## Outdoor Units

	Model	Unit	GWHD(18) NK3JO	GWHD(24) NK3JO	GWHD(28) NK3JO	GWHD(36) NK3JO	GWHD(42) NK3JO
Power Supply	Phase/Voltage/Frequency	Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
	Power Supply Mode	-	Outdoor				
Capacity	Cooling	kW	5.00 (2.05-6.20)	7.10 (2.20-10.00)	8.00 (2.20-10.00)	10.00 (2.60-11.00)	12.00 (2.60-12.00)
	Heating	kW	5.60 (2.50-6.65)	8.50 (3.60-11.00)	9.30 (2.80-11.00)	11.20 (3.00-12.00)	12.00 (3.00-13.50)
Power input	Cooling	kW	1.55 (0.68-2.70)	2.20 (0.65-4.55)	2.48 (0.65-4.55)	3.00 (1.00-3.80)	3.55 (1.00-4.00)
	Heating	kW	1.55 (0.68-2.70)	2.35 (0.65-4.55)	2.58 (0.98-4.55)	3.20 (1.00-3.80)	3.27 (1.00-4.00)
Current	Cooling/Heating	A	6.96/6.88	10.65/10.43	11.05/11.45	13.0/14.0	15.40/14.15
EER/COP		W/W	3.23/3.61	3.22/3.62	3.22/3.60	3.33/3.60	3.20/3.70
Maximum Indoor unit connection quantity		set	2	3	4	4	5
Sound pressure level		dB(A)	56	58	58	61	61
Compressor type		-	Inverter Rotary				
Fuse current		A	25	30	30	30	30
Circuit breaker current		A	20	25	25	25	25
Dimension (WxDxH)	Outline	mm	955x396x700	980x427x790	980x427x790	1087x440x1103	1087x440x1103
	Package	mm	1029x458x750	1083x488x855	1083x448x855	1173x483x1130	1173x483x1130
Net weight/Gross weight		kg	50/55	69/74	69/74	90/98	90/98
Refrigerant charge volume		kg	1.40	2.20	2.20	3.65	3.65
Outdoor unit operation range	Cooling	$^{\circ}\text{C}$	-5-48	-5-48	-5-48	-5-48	-5-48
	Heating	$^{\circ}\text{C}$	-15-24	-15-24	-15-24	-15-24	-15-24
Connection pipe	Precharged length	m	10	20	20	25	25
	Outer diameter liquid pipe	mm	$\phi 6.35 \times 2$	$\phi 6.35 \times 3$	$\phi 6.35 \times 4$	$\phi 6.35 \times 4$	$\phi 6.35 \times 5$
	Outer diameter gas pipe	mm	$\phi 9.52 \times 2$	$\phi 9.52 \times 3$	$\phi 9.52 \times 4$	$\phi 9.52 \times 4$	$\phi 9.52 \times 4$
	Max distance height	m	10	10	10	15	15
	Max distance length	m	10	10	10	25	25

Remarks:

1. Because of the continuing improvement on product, all specification are subject to change without prior notice.
2. Above outdoor units specification is according to a fixed combination with Hansole indoor Series withch comply with AS/NZS 3823
3. Above outdoor units are standard with DRED mode (Demand Response Enabling Device) which compy with AS/NZS 4755.

## Indoor Units

Capacity Index (BTU/h)		7000	9000	12000	18000	21000	24000	28000
Wall Mounted	Hansol		●	●	●		●	●
	Cozy		●	●	●	●		●
Duct type			●	●	●	●	●	
Compact Cassette				●	●			
Cassette							●	
Floor Ceiling (Indent only)			●	●	●		●	

## Hansol

Model		Unit	GWHD9TA-K3D-NA1B/I	GWHD12TB-K3D-NA1B/I	GWHD18TC-K3D-NA1B/I	GWHD24TD-K3D-NA1B/I	GWHD28TD-K3D-NA1B/I
Capacity	Cooling/Heating	kW	2.60/3.00	3.50/4.00	5.30/5.80	7.00/7.60	8.00/8.40
Air Flow Volume		l/s	153	208	264	333	333
Sound Pressure Level		dB(A)	40/37/32/28/25/23/21	42/39/34/31/28/26/23	49/45/41/39/36/33/30	51/49/45/43/41/39/36	51/49/45/43/41/39/36
Dehumidity Volume		l/hr	0.8	1.4	1.8	2.5	2.7
Dimension (WxDxH)	Outline	mm	806x292x209	866x292x209	1018x319x230	1178x326x264	1178x326x264
	Package	mm	888x377x297	945x377x297	1097x397x340	1256x414x364	1256x414x364
Net weight/Gross weight		kg	10/13	11/14	16/19	18/24	18/24
Connecting pipe Outer Diameter	Liquid Pipe	mm	$\phi 6.35$	$\phi 6.35$	$\phi 6.35$	$\phi 6.35$	$\phi 6.35$
	Gas Pipe	mm	$\phi 9.52$	$\phi 9.52$	$\phi 15.9$	$\phi 15.9$	$\phi 15.9$
Recommended Application Area		m <sup>2</sup>	12-18	16-21	24-35	32-44	40-54

## Cozy

Model		Unit	GWHD9MB-K3D-NA2H/I	GWHD12MB-K3D-NA2H/I	GWHD18MC-K3D-NA2H/I	GWHD24MD-K3D-NA2H/I	GWHD28ME-K3D-NA2H/I
Capacity	Cooling/Heating	kW	2.60/2.80	3.50/3.80	5.30/5.85	6.30/7.00	8.00/8.70
Air Flow Volume		l/s	161	167	236	264	333
Sound Pressure Level		dB(A)	40/37/35/32	42/39/36/33	46/44/40/35	51/45/42/39	51/48/43/40
Dehumidity Volume		l/hr	0.8	1.2	1.8	2.5	2.7
Dimension (WxDxH)	Outline	mm	845x275x180	845x275x180	940x298x200	1007x315x219	1178x326x253
	Package	mm	918x258x370	918x258x370	1013x288x395	1076x398x328	1268x420x358
Net weight/Gross weight		kg	11/14	11/14	13/17	16/21	17.5/23.5
Connecting pipe Outer Diameter	Liquid Pipe	mm	$\phi 6.35$	$\phi 6.35$	$\phi 6.35$	$\phi 6.35$	$\phi 6.35$
	Gas Pipe	mm	$\phi 9.52$	$\phi 9.52$	$\phi 12.79$	$\phi 15.9$	$\phi 15.9$
Recommended Application Area		m <sup>2</sup>	12-18	16-21	24-35	29-42	40-54

## Slim Ducted (Built-in water pump) (Indent only)

Model		Unit	GFHD9EA-K3D-NA1A/I	GFHD12EA-K3D-NA1A/I	GFHD18EA-K3D-NA1A/I	GFHD21EA-K3D-NA1A/I	GFHD24EA-K3D-NA1A/I
Capacity	Cooling/Heating	kW	2.50/2.80	3.50/3.80	4.50/5.50	6.00/6.60	7.00/8.00
Air Flow Volume		l/s	125	153	194	278	278
External Static Pressure		Pa	0-10	0-10	0-10	0-15	0-15
Sound Pressure Level		dB(A)	37/34/31	39/35/32	41/37/33	42/38/34	42/38/34
Dehumidity Volume		l/hr	0.8	1.4	1.8	2	2.5
Dimension (WxDxH)	Outline	mm	700x615x200	700x615x200	900x615x200	1100x615x200	1100x615x200
	Package	mm	898x743x305	898x743x305	1123x743x305	1323x743x305	1323x743x305
Net weight/Gross weight		kg	22/27	23/29	27/36	31/41	31/41
Connecting pipe Outer Diameter	Liquid Pipe	mm	$\phi 6.35$	$\phi 6.35$	$\phi 6.35$	$\phi 9.52$	$\phi 9.52$
	Gas Pipe	mm	$\phi 9.52$	$\phi 9.52$	$\phi 12.7$	$\phi 15.9$	$\phi 15.9$
Recommended Application Area		m <sup>2</sup>	10-14	12-18	20-30	27-40	32-44

Optional Wall Controller