



DC MULTI INVERTER

a piece of Art



**Making Better Heat Pumps,
Greater Comfort & Energy Savings**

The Professional's Choice
November 2009

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The Professional's Choice

OUTDOOR UNIT

- Painted galvanized metal case with high strength and strong rust resistance performance
- Universal outdoor unit can be matched with different types of indoor units
- All components designed for R410A refrigerant



FLOOR CONSOLE

- Slim design
- Low noise
- Plastic case
- Infrared remote control fitted
- Long life and washable filter
- Stand and ceiling convertible



IN-CEILING CASSETTE

- Compact and light weight
- Low noise
- Long life and washable filter



DUCTED BULKHEAD UNIT

- Compact design
- Low noise
- Long life and washable filter



DC MULTI INVERTER

What is a Free Match Inverter Heat Pump?

A Free Match Inverter Heat Pump is a split system heat pump that allows the connection of multiple indoor units to one outdoor unit. Free Match offers flexibility in connecting indoor units of various sizes and models to provide a whole house heating solution while maintaining area zone control and benefiting from Inverter energy efficiency technology.

Why Free Match?

With Free Match a single outdoor can support two to four indoor units. This creates flexibility in design and installation while also saving outdoor space. So Free Match is suitable for small offices, hotels, shops and houses.



INDOOR UNIT

Capacity Range	2.1 / 2.5	2.5 / 3.2	3.5 / 3.9	5 / 5.7
Hi-wall	√	√	√	√
Bulkhead Ducted		√	√	√
Ceiling Cassette			√	√
Floor		√	√	√

MAKING BETTER HEAT PUMPS
FOR GREATER COMFORT
& ENERGY SAVINGS

OUTDOOR UNIT

	Due Free Match		Triple Free Match		Quad Free Match	
Model	GWHD(18) NK3A0		GWHD(24)NK3C0		GWHD(28)NK3A0	
Nominal Capacity	C5	H 5.6	C 7.1	H 8.5	C 8	H 9.3
Total Combination	C 6.2	H 6.5	C 10	H 11	C 10	H 11
Pipe Length / Height	20	5	70	10	70	10

FLOOR CONSOLE

Model	GTHD(09) AANK3A1AI	GTHD(12) AANK3A1AI	GTHD(18) AANK3A1AI
Power Supply	230V / 1Ph / 50 Hz		
Capacity	C 2.5 / H 2.8	C 3.5 / H 3.8	C 5 / H 5.5
Refrigerant	R410A		
Indoor Fan (db) A	32 / 40 / 45	36 / 43 / 46	47 / 50 / 54
Dimensions	836 x 695 x 238		
Weight (Kgs)	27		
Controller	Wireless Remote		
Refrigerant Piping	9.5mm - 6mm	12mm - 6mm	



IN-CEILING CASSETTE



Model	GKHD(12) ABNK3A2AI	GKHD(18) ABNK3A2AI
Power Supply	230V / 1Ph / 50 Hz	
Capacity	C 3.5 / H 3.8	C 5 / H 5.5
Refrigerant	R410A	
Indoor Fan (db) A	36 / 40 / 44	39 / 44 / 47
Dimensions	Unit 600 x 600 x 230 Panel 650 x 650 x 50	
Weight (Kgs)	20	
Controller	Wireless Remote	
Refrigerant Piping	12mm - 6mm	

HI-WALL



Model	GWHD(07) BANK3A1AI	GWHD(09) BANK3A1AI	GWHD(12) BBNK3A1AI	GWHD(18) BCNK3A1AI
Power Supply	230V / 1Ph / 50 Hz			
Capacity	C 2.1 / H 2.6	C 2.6 / H 2.8	C 3.5 / H 3.8	C 5 / H 5.7
Refrigerant	R410A			
Indoor Fan (db) A	28 - 37	28 - 38	30 - 40	36 - 46
Dimensions	770 X 250 X 190		830 X 285 X 200	1020 X 310 X 228
Weight (Kgs)	8.5		11	13
Controller	Wireless Remote			
Refrigerant Piping	9.5mm - 6mm		12mm - 6mm	

DUCTED BULKHEAD UNIT



Model	GFHD(09) AANK3A1AI	GFHD(12) AANK3A1AI	GFHD(18) AANK3A1AI
Power Supply	230V / 1Ph / 50 Hz		
Capacity	C 2.5 / H 2.8	C 3.5 / H 3.8	C 5 / H 5.5
Refrigerant	R410A		
Indoor Fan (db) A	30 / 37 / 37	30 / 40 / 40	33 / 42 / 42
Dimensions	913 X 220 X 680		102 X 266 X 736
Weight (Kgs)	27		36
Controller	Wired Remote		
Refrigerant Piping	9.5mm - 6mm	12mm - 6mm	



OUTDOOR

Model	GWHD(18) NK3A0		GWHD(24) NK3C0		GWHD(28) NK3A0	
Power Supply	240V / 1 Ph / 50 Hz					
Capacity kW	C 5.0 / H 6.0		C 7.0 / H 8.2		C 8.2 / H 9.1	
Capacity Min-Max	C 1.9 - 6.0 H 2.2 - 6.5		C 4.0 - 8.3 H 4.2 - 9.6		C 3.1 - 10 H 3.1 - 11.3	
N° of Heads	1-2		2-3		2-4	
Nominal	3.33 / 3.22		3.21 / 3.62		3.23 / 3.63	
Noise db(A)	54		60		60	
Refrigerant	R410a	1.6Kgs	R410a	3.3Kgs	R410Kgs	3.3kgs
Liquid Conection	6mm (1/4")					
Gas Connection	9.5mm (3/8") 12mm (1/2") adaptor available					
Max pipe / Height(m)	20 / 5			70 / 10		
Dimensions W x H x D	846 x 685 x 300			950 x 840 x 420		
Weight Kgs	52			75		
Working Temp	-7° to 43° C					

RECOMMENDED MATCH PLAN FOR INDOOR AND OUTDOR UNITS

GWHD(18)NK3A0 1 to 2 Indoor Units 6 combinations		GWHD(24)NK3C0 - 2 to 4 Indoor Units 24 combinations				
1 Indoor Unit	2 Indoor Units	2 Indoor Units		3 Indoor Units		
7	7+7	7+7	9+9	7+7+7	7+9+12	9+9+9
9	7+9	7+9	9+12	7+7+9	7+9+18	9+9+12
12	9+9	7+12	9+18	7+7+12	7+12+12	9+9+18
		7+18	12+12	7+7+18	7+12+18	12+12+12
			12+18	7+9+9	9+12+18	12+12+18

GWHD(28)NK3A0 - 2 to 4 Indoor Units 46 combinations					
2 Indoor Units	3 Indoor Units		4 Indoor Units		
7+7	7+7+7	9+9+9	7+7+7+7	7+9+9+9	9+9+9+18
7+9	7+7+9	9+9+12	7+7+7+9	7+9+9+12	9+9+12+18
7+12	7+7+12	9+9+18	7+7+7+12	7+9+9+18	9+12+12+18
7+18	7+7+18	9+12+12	7+7+7+18	7+9+12+12	9+12+12+12
9+9	7+9+9	9+12+18	7+7+9+9	7+9+12+18	
9+12	7+9+12	12+12+18	7+7+9+12	7+12+12+12	
9+18	7+9+18		7+7+9+18	7+12+12+18	
12+12	7+12+12		7+7+12+12	9+9+9+9	
12+18	7+12+18		7+7+12+18	9+9+9+12	



INNOVATION NEVER ENDS

Based in the thriving industrial city of Zhuhai in China, Gree Electric Appliances is one of the world's largest specialised air conditioning enterprise.

30,000 workers at five manufacturing plants produce over 7,000 different models, sold to over 100 countries. Planned production for 2008 is 18 million units, making Gree, one of the largest air conditioning manufacturer in the world.



Gree Electric Appliances employs over 1,000 R & D staff. This has allowed them to develop a wide range of quality products featuring energy saving technology, intelligent temperature control, smart defrosting and a wide range of filter options. Gree's use of quality materials and state of the art manufacturing facilities allows Gree to confidently offer a 5-year parts and labour warranty*.

* Conditions apply

For further information, please contact:



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