

FREE MATCH



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It's a kind of DC inverter multi-split air conditioner that consisted with one outdoor unit and up to five indoor units.



- Various series of indoor units from wall-mounted type to duct type can satisfy different kinds of requirements.
- Powered by GREE G10 Inverter technology, the unit operates with lower power consumption, lower noise, more comfort.
- The unit is designed with low temperature cooling function, can operate cooling mode under outdoor ambient of -15°C.

Units Lineup

Capacity Index(Btu/h)		7000	9000	12000	18000	21000	24000
Wall mounted	U-Cool		●	●	●		
	Artful	●	●	●	●		
	Cozy	●	●	●	●		
	Change	●	●	●	●		
	Viola	●	●	●	●		
Floor ceiling		●	●	●		●	
Console		●	●	●			
Cassette			●	●	●		●
				●	●		●
Duct type		●	●	●	●	●	

8 Combinations

GWHD(14)NK3BO (1 to 2)	One unit	Two units	
	7	7+7	7+9
	9	7+12	9+9
	12	9+12	-

8 Combinations

GWHD(18)NK3DO (1 to 2)	One unit	Two units	
	7	7+7	7+9
	9	7+12	9+9
	12	9+12	-

10 Combinations

GWHD(18)NK3DO (1 to 2)	One units		Two units	
		7+7		7+7
		7+12		7+12
		9+9		9+9
		9+18		9+18
		12+18		12+18

23 Combinations

GWHD(24)NK3EO (2 to 3)	Two units		Three units	
	7+7	7+7	7+7+7	7+7+12
	7+12	7+12	7+7+18	7+9+12
	9+9	9+12	7+9+18	9+9+9
	9+18	12+12	9+9+12	7+12+12
	12+18	18+18	12+12+12	-

39 Combinations

GWHD(28)NK3BO (2 to 4)	Two units		Three units			Four units	
	7+7	7+9	7+7+7	7+7+9	7+7+12	7+7+12	7+7+7+9
	7+12	7+18	7+7+18	7+9+9	7+9+12	7+9+12	7+7+9+12
	9+9	9+12	7+9+18	7+12+12	7+12+18	7+12+18	7+7+12+12
	9+18	12+12	9+9+9	9+9+12	9+9+18	9+9+18	9+9+9+9
	12+18	18+18	9+12+12	9+12+18	12+12+12	12+12+12	9+9+9+12
	-	-	12+12+18	-	-	-	-

98 Combinations

GWHD(36)NK3AO (1 to 4)	Two units		Three units			Four units		
	7+7	12+21	7+7+7	7+12+21	9+12+21	7+7+7	7+7+12+21	9+9+9+9
	7+9	12+24	7+7+9	7+12+24	9+12+24	7+7+7+9	7+7+18+18	9+9+9+12
	7+12	18+18	7+7+12	7+18+18	9+18+18	7+7+7+12	7+9+9+18	9+9+9+18
	7+18	18+21	7+7+18	7+18+21	9+18+21	7+7+7+18	7+9+9+12	9+9+9+21
	7+21	18+24	7+7+21	7+18+24	9+18+24	7+7+7+21	7+9+9+18	9+9+9+24
	7+24	21+21	7+7+24	7+21+21	9+21+21	7+7+7+24	7+9+9+21	9+9+12+12
	9+9	21+24	7+9+9	9+9+9	12+12+12	7+7+9+9	7+9+9+24	9+9+12+18
	9+12	24+24	7+9+12	9+9+12	12+12+18	7+7+9+12	7+9+12+12	9+9+12+21
	9+18	-	7+9+18	9+9+18	12+12+21	7+7+9+18	7+9+12+18	9+9+18+18
	9+21	-	7+9+21	9+9+21	12+12+24	7+7+9+21	7+9+12+21	9+12+12+12
	9+24	-	7+9+24	9+9+24	12+18+18	7+7+9+24	7+9+18+18	9+12+12+18
	12+12	-	7+12+12	9+12+12	12+18+21	7+7+12+12	7+12+12+12	12+12+12+12
	12+18	-	7+12+18	9+12+18	18+18+18	7+7+12+18	7+12+12+18	-

203 Combinations

GWHD(42)NK3AO (1 to 5)	Two units		Three units			Four units			Five units				
	7+7	21+21	7+7+7	7+21+21	12+12+12	7+7+7+7	7+7+21+21	7+12+12+21	9+9+18+24	7+7+7+7+7	7+7+9+9+12	7+9+9+12+12	9+9+9+18+18
	7+9	21+24	7+7+9	7+21+24	12+12+18	7+7+7+9	7+7+21+24	7+12+12+24	9+9+21+21	7+7+7+7+9	7+7+9+9+18	7+9+9+12+18	9+9+12+12+12
	7+12	24+24	7+7+12	7+24+24	12+12+21	7+7+7+12	7+9+9+9	7+12+18+18	9+12+12+12	7+7+7+7+12	7+7+9+9+21	7+9+9+12+21	9+9+12+12+18
	7+18		7+7+18	9+9+9	12+12+24	7+7+7+18	7+9+9+12	7+12+18+21	9+12+12+18	7+7+7+7+18	7+7+9+9+24	7+9+9+12+24	9+9+12+12+21
	7+21		7+7+21	9+9+12	12+18+18	7+7+7+21	7+9+9+18	7+12+18+24	9+12+12+21	7+7+7+7+21	7+7+9+9+12	7+9+9+18+18	9+12+12+12+12
	7+24		7+7+24	9+9+18	12+18+21	7+7+7+24	7+9+9+21	7+12+21+21	9+12+12+24	7+7+7+7+24	7+7+9+9+18	7+9+12+12+18	9+12+12+12+18
	9+9		7+9+9	9+9+21	12+18+24	7+7+9+9	7+9+9+24	7+18+18+18	9+12+18+18	7+7+7+9+9	7+7+9+9+21	7+9+12+12+18	12+12+12+12+12
	9+12		7+9+12	9+9+24	12+21+21	7+7+9+12	7+9+9+12	9+9+9+9	9+12+18+21	7+7+7+9+12	7+7+9+9+24	7+9+12+12+21	
	9+18		7+9+18	9+12+12	12+21+24	7+7+9+18	7+9+9+18	9+9+9+12	9+12+21+21	7+7+7+9+18	7+7+9+9+18	7+12+12+12+12	
	9+21		7+9+21	9+12+18	12+24+24	7+7+9+21	7+9+9+12	9+9+9+18	9+18+18+18	7+7+7+9+21	7+7+12+12+12	7+12+12+12+18	
	9+24		7+9+24	9+12+21	18+18+18	7+7+9+24	7+9+9+24	9+9+9+21	12+12+12+12	7+7+7+9+24	7+7+12+12+18	9+9+9+9+9	
	12+12		7+12+12	9+12+24	18+18+21	7+7+12+12	7+9+18+18	9+9+9+24	12+12+12+18	7+7+7+12+12	7+7+12+12+21	9+9+9+9+12	
	12+18		7+12+18	9+18+18	18+18+24	7+7+12+18	7+9+18+21	9+9+9+12	12+12+12+21	7+7+7+12+18	7+7+12+18+18	9+9+9+9+18	
12+21		7+12+21	9+18+21	18+21+21	7+7+12+21	7+9+18+24	9+9+9+18	12+12+12+24	7+7+7+12+21	7+9+9+9+9	9+9+9+9+24		
12+24		7+12+24	9+18+24	21+21+21	7+7+12+24	7+9+21+21	9+9+12+21	12+12+18+18	7+7+7+12+24	7+9+9+9+12	9+9+9+9+24		
18+18		7+18+18	9+21+21		7+7+18+18	7+9+21+24	9+9+12+24	12+12+18+21	7+7+7+18+18	7+9+9+9+18	9+9+9+12+12		
18+21		7+18+21	9+21+24		7+7+18+21	7+12+12+12	9+9+18+18		7+7+7+18+21	7+9+9+9+21	9+9+9+12+18		
18+24		7+18+24	9+24+24		7+7+18+24	7+12+12+18	9+9+18+21		7+7+9+9+9	7+9+9+9+24	9+9+9+12+21		

Outdoor Unit

Model	Heat Pump		GWHD(14)NK3BO	GWHD(18)NK3DO	GWHD(24)NK3DO	GWHD(24)NK3EO	GWHD(28)NK3BO	GWHD(36)NK3AO	GWHD(42)NK3AO
Capacity	Cooling	Btu/h	14000 (7000-16000)	17000 (7000-21200)	24000 (9200-28000)	24000 (7500-34100)	27296 (7500-34100)	33400(10200-34100)	39500(11900-46400)
	Heating	Btu/h	15000 (8500-18800)	19000 (8500-22700)	26000 (11900-32400)	29000 (12300-37500)	32000 (9600-37500)	37500(15300-40900)	44300(15300-47700)
EER/COP		W/W	3.57/3.81	3.23/3.63	3.21/3.41	3.21/3.62	3.23/3.63	3.23/3.65	3.23/3.66
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	220-240/50	220-240/50
Power input	Cooling	W	1150 (500-2000)	1550 (500-2550)	2180 (750-4300)	2200 (650-4500)	2480 (650-4500)	3030(1300-4600)	3590(1300-4900)
	Heating	W	1180 (580-2000)	1540 (580-2700)	2260 (1000-4400)	2350 (980-3950)	2550 (980-3950)	3010(1300-4140)	3545(1300-4400)
Airflow pressure level		m ³ /h	2600/2300/1600	2600/2300/1600	3300/2900/2400	3300/2900/2400	3300/2900/2400	3000	5500
Sound pressure level		dB(A)	56/53/50	56/53/50	58/54/52	58/54/52	59/56/53	54	54
		mm	899x596x378	899x596x378	955x700x396	955x700x396	955x700x396	950x412x840	1015x440x1103
Dimension (WxHxD)	Outline	mm	899x596x378	899x596x378	955x700x396	955x700x396	955x700x396	950x412x840	1015x440x1103
	Package	mm	948x645x420	948x645x420	1029x750x458	1029x750x458	1029x750x458	1103x453x920	1158x493x1235
Net weight/Gross weight		kg	43/48	43/48	59/64	59/64	60/65	73/78	102/112
		mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ15.9	Φ15.9
Connecting pipe diameter	Gas	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ15.9	Φ15.9
	Liquid	mm	Φ6.00	Φ6.00	Φ6.00	Φ6.00	Φ6.00	Φ9.52	Φ9.52
Loading quantity	40'GP	-	204	204	171	171	171	108	48
	40'HQ	-	272	272	171	171	171	108	48

Note:
 Outdoor unit for 36K Btu/h has 4 sets of piping connection:
 1. Φ15.9mm(Gas), Φ9.52mm(Liquid); 2. Φ12.7mm(Gas), Φ6.35mm(Liquid); 3. Φ9.52mm(Gas), Φ6.35mm(Liquid); 4. Φ9.52mm(Gas), Φ6.35mm(Liquid).
 Outdoor unit for 42K Btu/h has 5 sets of piping connection:
 1. Φ15.9mm(Gas), Φ9.52mm(Liquid); 2. Φ12.7mm(Gas), Φ6.35mm(Liquid); 3. Φ12.7mm(Gas), Φ6.35mm(Liquid); 4. Φ9.52mm(Gas), Φ6.35mm(Liquid); 5. Φ9.52mm(Gas), Φ6.35mm(Liquid).

Wall Mounted Type Indoor Unit

U-Cool

Model			GWH(09)UA-K3DNA1A/I	GWH(12)UB-K3DNA1A/I	GWH(18)UC-K3DNA1A/I
Capacity	Cooling	Btu/h	9000	12000	18000
	Heating	Btu/h	9800	13000	19200
Airflow volume		m ³ /h	450	560	850
Sound pressure level (SH/H/ML)		dB(A)	38/34/32/29/27/25/22	39/36/34/31/28/25/23	44/40/37/35/33/31/28
Dimension (WxHxD)	Outline	mm	860x299x153	896x320x159	998x340x178
	Package	mm	944x386x247	973x403x255	1083x428x283
Net weight/Gross weight		kg	9.5/12.5	11.5/14.5	15/19
	40'GP	-	708	615	456
Loading quantity	40'HQ	-	782	696	522

Artful

Model			GWH(07)AA-K3DNA1B/I	GWH(09)AA-K3DNA1B/I	GWH(12)AB-K3DNA1B/I	GWH(18)AC-K3DNA1A/I
Capacity	Cooling	Btu/h	7100	8900	12000	18000
	Heating	Btu/h	8900	9500	13000	19800
Airflow volume		m ³ /h	420	450	550	840
Sound pressure level (SH/H/ML)		dB(A)	37/35/32/29/-	38/35/32/29/-	40/35/33/30/-	46/43/38/34/-
Dimension (WxHxD)	Outline	mm	815x267x165	815x267x165	872x283x178	960x300x195
	Package	mm	893x347x275	893x347x275	938x378x275	1038x395x295
Net weight/Gross weight		kg	10/13	10/13	11/15	13/18
	40'GP	-	734	734	640	510
Loading quantity	40'HQ	-	820	820	735	574

Cozy

Model			GWH(07)MA-K3DNA3B/I	GWH(09)MA-K3DNA3B/I	GWH(12)MB-K3DNA3B/I	GWH(18)MC-K3DNA3B/I
Capacity	Cooling	Btu/h	7200	8900	11900	18100
	Heating	Btu/h	8900	9600	13000	19800
Airflow volume		m ³ /h	450	500	630	850
Sound pressure level (SH/H/ML)		dB(A)	36/34/31/28/-	37/34/31/28/-	38/34/32/30/-	46/43/40/36/-
Dimension (WxHxD)	Outline	mm	790x265x170	790x265x170	845x275x180	940x298x200
	Package	mm	873x370x251	873x370x251	918x370x258	1013x395x288
Net weight/Gross weight		kg	9/12	9/12	10/13	13/17
	40'GP	-	762	762	722	558
Loading quantity	40'HQ	-	840	840	806	619

Change

Model			GWH(07)KF-K3DNA5D/I	GWH(09)KF-K3DNA5D/I	GWH(12)KF-K3DNA5D/I	GWH(18)KG-K3DNA5D/I
Capacity	Cooling	Btu/h	7200	8900	11900	18100
	Heating	Btu/h	8900	9600	13000	19800
Airflow volume		m ³ /h	550	600	680	800
Sound pressure level (SH/H/ML)		dB(A)	40/38/30/24/-	41/38/30/24/-	42/39/31/25/-	45/40/37/32/-
Dimension (WxHxD)	Outline	mm	770x283x201	770x283x201	770x283x201	865x305x215
	Package	mm	844x342x261	844x342x261	844x342x261	948x383x310
Net weight/Gross weight		kg	8/11	8/11	9/12	12/16
	40'GP	-	810	810	810	544
Loading quantity	40'HQ	-	900	900	900	618

Viola

Model			GWH(07)RA-K3DNA1A/I	GWH(09)RA-K3DNA1A/I	GWH(12)RB-K3DNA1A/I	GWH(18)RC-K3DNA1A/I
Capacity	Cooling	Btu/h	7200	8900	11900	18100
	Heating	Btu/h	8900	9600	13000	19800
Airflow volume		m ³ /h	500	500	630	850
Sound pressure level (SH/H/ML)		dB(A)	40/37/35/32/-	40/37/35/32/-	42/39/36/33/-	45/42/37/33/-
Dimension (WxHxD)	Outline	mm	794x264.5x182	794x264.5x182	848x274x189	945x298x208
	Package	mm	873x365x258	873x365x258	926x371x267	1013x300x383
Net weight/Gross weight		kg	9/12	9/12	10/13	13/17
	40'GP	-	720	720	664	546
Loading quantity	40'HQ	-	840	840	742	613

Flooring Ceiling Type Indoor Unit

Model			GTH(09)BA-K3DNA1A/I	GTH(12)BA-K3DNA1A/I	GTH(18)BA-K3DNA1A/I	GTH(24)BB-K3DNA2A/I
Capacity	Cooling	Btu/h	8530	11942	17060	24225.2
	Heating	Btu/h	2800	3850	5500	8000
Airflow volume		m ³ /h	550	600	700	1400
Sound pressure level (H/L)		dB(A)	43	44	50	49
Dimension (WxHxD)	Outline	mm	1220x700x225	1220x700x225	1220x700x225	1220x700x225
	Package	mm	1330x825x310	1330x825x310	1330x825x310	1330x825x310
Net weight/Gross weight		kg	35/40	35/40	35/40	35/40
	40'GP	-	132	132	132	132
Loading quantity	40'HQ	-	132	132	132	132

Console Type Indoor Unit

Model			GEH(09)AA-K3DNA1B/I	GEH(12)AA-K3DNA1B/I	GEH(18)AA-K3DNA1B/I
Capacity	Cooling	Btu/h	8900	11900	18100
	Heating	Btu/h	9600	13000	19800
Airflow volume		m ³ /h	480	550	650
Sound pressure level (SH/H/MH/M/ML/L/SL)		dB(A)	40/38/36/33/30/26/24	42/40/38/37/35/32/26	48/46/44/41/37/35/32
Dimension (WxHxD)	Outline	mm	700x600x215	700x600x215	700x600x215
	Package	mm	788x697x283	788x697x283	788x697x283
Net weight/Gross weight		kg	15/18	15/18	15/18
	40'GP	-	392	392	392
Loading quantity	40'HQ	-	454	454	454

Cassette Type Indoor Unit

Model			GKH(12)BA-K3DNA2A/I	GKH(18)BA-K3DNA2A/I	GKH(12)BA-K3DNA1A/I	GKH(18)BA-K3DNA1A/I	GKH(24)BA-K3DNA1A/I	
Capacity	Cooling	Btu/h	11942	15354	3500	5000	7100	
	Heating	Btu/h	13648	17060	3850	5500	8000	
Airflow volume		m ³ /h	600	600	680	680	1180	
Sound pressure level (H/L)		dB(A)	47/41	47/41	42	42	42	
Main body	Dimension (WxHxD)	Outline	mm	570x230x570	570x230x570	840x190x840	840x190x840	840x240x840
	Package	mm	848x310x728	848x310x728	1040x115x1025	1040x115x1025	1040x115x1025	
Panel	Net weight/Gross weight	kg	20/27	20/27	6.5/10	6.5/10	6.5/10	
	Dimension (WxHxD)	Outline	mm	650x50x650	650x50x650	950x60x950	950x60x950	950x60x950
Loading quantity	40'GP	-	237	237	25/33	25/33	30/38	
	40'HQ	-	269	269	144	144	144	

Duct Type Indoor Unit

Model			GFH(09)EA-K3DNA1A/I	GFH(12)EA-K3DNA1A/I	GFH(18)EA-K3DNA1A/I	GFH(21)EA-K3DNA1A/I	GFH(24)EA-K3DNA1A/I
Capacity	Cooling	Btu/h	8530	11942	17060	20472	24225.2
	Heating	Btu/h	2800	3850	5500	6600	8000
Airflow volume		m ³ /h	450	550	700	1000	1000
Sound pressure level (H/L)		dB(A)	37	39	40	42	42
Dimension (WxHxD)	Outline	mm	700x200x615	700x200x615	900x200x615	1100x200x615	1100x200x615
	Package	mm	890x290x740	890x290x740	1120x290x740	1320x290x740	1320x290x740
Net weight/Gross weight		kg	27/27	24/29	25/30	29/35	29/35
	40'GP	-	234	234	192	162	162
Loading quantity	40'HQ	-	234	234	192	162	162