

# Free-match 4 & 4+



Capacity range from 14 to 42Btu/h can be widely used in residential house, hotel, business office and especially applicable in variable loading situation.

Memory Function	Compact Design	EASIER Maintainability	Turbo Function	Inner Groove Copper	High Efficiency	Intelligent Defrosting	Self-diagnosis	Low Voltage Startup	24 Hour Timer	Child Lock
Comprehensive Protection	Wide Voltage Range	Wide Operation Range	Weekly Timer	Centralized Control	Long-distance Monitoring					

Features: ● Standard ● Optional

- Free Match 4 has no 0.5W standby function, while it has electric heating belt;
- Free Match 4+ has 0.5W standby function, while it hasn't electric heating

Capacity Index(Btu/h)		7000	9000	12000	18000	21000	24000
Wall mounted Type	U-Crown						
	Hansol						
	Viola						
	Lomo						
	Cozy						
	Change						
Duct type							
Cassette type							
Floor ceiling type							

Item	Nominal operating condition(temperature)				Operation range(temperature)	
	Outdoor condition		Indoor condition		Outdoor condition Free Match 4	Outdoor condition Free Match 4+
	DB(°C)	WB(°C)	DB(°C)	WB(°C)	DB(°C)	DB(°C)
Cooling	35	24	27	19	-15~43	18~43
Heating	7	6	20	15	-20~24	-15~24

## 8 combinations

GWHD(14)NK3DO	One unit	Two units	
	7k	7k+7k	7k+9k
	9k	7k+12k	9k+9k
	12k	9k+12k	-

## 10 combinations

GWHD(18)NK3KO	One unit	Two units	
	7k	7k+7k	7k+9k
	9k	7k+12k	7k+18k
	12k	9k+9k	9k+12k
		12k+12k	-

## 18 combinations

GWHD(21)NK3KO	Two units		Three units	
	7k+7k	7k+9k	7k+7k+7k	7k+7k+9k
	7k+12k	7k+18k	7k+7k+12k	7k+9k+9k
	9k+9k	9k+12k	7k+9k+12k	7k+12k+12k
	9k+18k	12k+12k	9k+9k+9k	9k+9k+12k
	12k+18k	-	12k+12k+12k	-

## 23 combinations

GWHD(24)NK3MO	Two units		Three units	
	7k+7k	7k+9k	7k+7k+7k	7k+7k+9k
	7k+12k	7k+18k	7k+7k+12k	7k+7k+18k
	9k+9k	9k+12k	7k+9k+9k	7k+9k+12k
	9k+18k	12k+12k	7k+9k+18k	7k+12k+12k
	12k+18k	18k+18k	9k+9k+9k	9k+9k+12k
	-	-	9k+9k+18k	9k+12k+12k
	-	-	12k+12k+12k	-
	-	-	-	-

## 40 combinations

GWHD(28)NK3KO	Two units		Three units		Four units	
	7k+7k	7k+9k	7k+7k+7k	7k+7k+9k	7k+7k+7k+7k	7k+7k+7k+9k
	7k+12k	7k+18k	7k+7k+12k	7k+7k+18k	7k+7k+7k+12k	7k+7k+7k+18k
	9k+9k	9k+12k	7k+9k+9k	7k+9k+12k	7k+7k+9k+9k	7k+7k+9k+12k
	9k+18k	12k+12k	7k+9k+18k	7k+12k+12k	7k+7k+9k+18k	7k+7k+12k+12k
	12k+18k	18k+18k	7k+12k+18k	9k+9k+9k	7k+9k+9k+9k	7k+9k+9k+12k
	-	-	9k+9k+12k	9k+9k+18k	7k+9k+12k+12k	7k+9k+9k+12k
	-	-	9k+12k+12k	9k+12k+18k	9k+9k+9k+12k	9k+9k+12k+12k
	-	-	12k+12k+12k	12k+12k+18k	-	-
	-	-	-	-	-	-

## 97 combinations

GWHD(36)NK3BO	Two units		Three units			Four units		
	7k+12k	18k+18k	7k+7k+7k	7k+12k+21k	9k+12k+21k	7k+7k+7k+7k	7k+7k+12k+21k	7k+12k+12k+18k
	7k+18k	18k+21k	7k+7k+9k	7k+12k+24k	9k+12k+24k	7k+7k+7k+9k	7k+7k+12k+24k	9k+9k+9k+9k
	7k+21k	18k+24k	7k+7k+12k	7k+18k+18k	9k+18k+18k	7k+7k+7k+12k	7k+7k+18k+18k	9k+9k+9k+12k
	7k+24k	21k+21k	7k+7k+18k	7k+18k+21k	9k+18k+21k	7k+7k+7k+18k	7k+9k+9k+9k	9k+9k+9k+18k
	9k+9k	21k+24k	7k+7k+21k	7k+18k+24k	9k+18k+24k	7k+7k+7k+21k	7k+9k+9k+12k	9k+9k+9k+21k
	9k+12k	24k+24k	7k+7k+24k	7k+21k+21k	9k+21k+21k	7k+7k+7k+24k	7k+9k+9k+18k	9k+9k+9k+24k
	9k+18k	-	7k+9k+9k	9k+9k+9k	12k+12k+12k	7k+7k+9k+9k	7k+9k+9k+21k	9k+9k+12k+12k
	9k+21k	-	7k+9k+12k	9k+9k+12k	12k+12k+18k	7k+7k+9k+12k	7k+9k+9k+24k	9k+9k+12k+18k
	9k+24k	-	7k+9k+18k	9k+9k+18k	12k+12k+21k	7k+7k+9k+18k	7k+9k+12k+12k	9k+9k+18k+18k
	12k+12k	-	7k+9k+21k	9k+9k+21k	12k+12k+24k	7k+7k+9k+21k	7k+9k+12k+18k	9k+9k+12k+12k
	12k+18k	-	7k+9k+24k	9k+9k+24k	12k+18k+18k	7k+7k+9k+24k	7k+9k+12k+21k	9k+12k+12k+12k
	12k+21k	-	7k+12k+12k	9k+12k+12k	12k+18k+21k	7k+7k+12k+12k	7k+9k+18k+18k	9k+12k+12k+18k
	12k+24k	-	7k+12k+18k	9k+12k+18k	12k+18k+24k	7k+7k+12k+18k	7k+12k+12k+12k	12k+12k+12k+12k

155 combinations

	Two units		Three units		Four units				Five units	
	7k18k	7k7k7k	7k21k21k	12k12k12k	7k7k7k7k	7k7k18k24k	7k12k18k24k	12k12k12k18k	7k7k7k7k7k	7k7k9k9k12k12k
	7k21k	7k7k9k	7k21k24k	12k12k18k	7k7k7k9k	7k9k9k9k	7k12k21k21k	-	7k7k7k7k9k	7k7k9k12k18k
	7k24k	7k7k12k	7k24k24k	12k12k21k	7k7k7k12k	7k9k9k12k	7k18k18k18k	-	7k7k7k7k12k	7k7k9k12k21k
	9k12k	7k7k18k	9k9k9k	12k12k24k	7k7k7k18k	7k9k9k18k	9k9k18k21k	-	7k7k7k7k18k	7k7k12k12k18k
	9k18k	7k7k21k	9k9k12k	12k18k18k	7k7k7k21k	7k9k9k21k	9k9k9k18k	-	7k7k7k7k21k	7k7k12k12k18k
	9k21k	7k7k24k	9k9k18k	12k18k21k	7k7k7k24k	7k9k9k24k	9k9k9k12k	-	7k7k7k7k24k	7k9k9k9k9k
	9k24k	7k9k9k	9k9k21k	12k18k24k	7k7k9k9k	7k9k12k12k	9k9k9k18k	-	7k7k7k9k9k	7k9k9k9k12k
	12k12k	7k9k12k	9k9k24k	12k21k21k	7k7k9k9k	7k9k12k18k	9k9k9k21k	-	7k7k7k9k12k	7k9k9k9k18k
	12k18k	7k9k18k	9k12k12k	12k21k24k	7k7k9k12k	7k9k12k21k	9k9k9k24k	-	7k7k7k9k18k	7k9k9k9k21k
	12k21k	7k9k21k	9k12k18k	12k24k24k	7k7k9k18k	7k9k12k24k	9k9k12k12k	-	7k7k7k9k21k	7k9k9k12k21k
	12k24k	7k9k24k	9k12k21k	18k18k18k	7k7k9k21k	7k9k18k18k	9k9k12k18k	-	7k7k7k9k24k	7k9k9k12k18k
	18k18k	7k12k12k	9k12k24k	18k18k21k	7k7k9k24k	7k9k18k21k	9k9k12k21k	-	7k7k7k12k12k	7k9k12k12k18k
	18k21k	7k12k18k	9k18k18k	18k18k24k	7k7k12k12k	7k9k12k12k	9k9k12k24k	-	7k7k7k12k18k	7k12k12k12k18k
	18k24k	7k12k21k	9k18k21k	18k21k21k	7k7k12k18k	7k9k12k18k	9k9k18k18k	-	7k7k7k12k21k	9k9k9k9k9k
	21k21k	7k12k24k	9k18k24k	-	7k7k12k21k	7k12k12k21k	9k12k12k12k	-	7k7k9k9k9k	9k9k9k9k12k
	21k24k	7k18k18k	9k21k21k	-	7k7k12k24k	7k12k12k24k	9k12k18k18k	-	7k7k9k9k12k	9k9k9k9k18k
	24k24k	7k18k21k	9k21k24k	-	7k7k18k18k	7k12k18k18k	9k12k12k1k	-	7k7k9k9k18k	9k9k9k12k12k
	-	7k18k24k	7k24k24k	-	7k7k18k21k	7k12k18k21k	12k12k12k12k	-	7k7k9k9k21k	9k9k12k12k12k



GWH1242 NK3AO

Outdoor Unit [Free match 4&4+]

Model	GWH1242 NK3AO		GWH1242 NK3AO		GWH1242 NK3AO		GWH1242 NK3AO		GWH1242 NK3AO		GWH1242 NK3AO	
Capacity	Cooling	Btu/h	14000	18000	21000	24000	28000	35826	41285			
	Heating	Btu/h	14000	18000	21000	24000	28000	37532	44400			
SEER	W/W		6.1	6.1	6.1	6.1	6.1	5.5	5.5			
Power supply	Ph.V/Hz		1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz			
Power Input	Cooling	kW	1.2	1.55	1.91	2.18	2.54	3.5	3.59			
	Heating	kW	1.10	1.42	1.65	1.89	2.20	3.75	3.54			
Refrigerant charge volume	kg		1.4	1.4	2.2	2.2	2.4	4.3	4.8			
Air Pressure Level	m <sup>3</sup> /h		2600	3200	3200	4000	4000	5200	5500			
Sound pressure level	dB(A)		55	56	56	58	58	57	54			
*Dimension (WxDxH)	Outline	mm	895X596X378	955X396X700	955X396X700	980X427X790	980X427X790	1015X440X1103	1015X440X1103			
	Package	mm	948x645x420	1029x750x458	1029x750x458	1083x498x855	1083x498x855	1158x493x1235	1158x493x1235			
Net weight/Gross weight	kg		43/47	50/55	51/56	68/73	69/74	94/104	102/112			
Connecting pipe diameter	Gas	inch(mm)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	1/2(φ12)			
	WxDxH	inch(mm)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)			
Max. equivalent connection pipe length	m		20	20	60	70	70	80	80			
Maximum drive IDU NO.	unit		5	5	5	5	5	5	5			
Loading quantity	40' GP/40' HQ	sets	204/272	171/171	171/171	96/144	96/144	48/96	48/96			

U-Crown [Free match 4]

Model	GWH09UB-K3DNE4F		GWH12UB-K3DNE4F		GWH18UC-K3DNE4F	
Capacity	Cooling	Btu/h	9000	12000	18000	
	Heating	Btu/h	10200	12300	18000	
Power supply	Ph.V/Hz		1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	
Airflow Volume	m <sup>3</sup> /h		650	720	850	
	CFM		353	424	500	
Sound Pressure Level (SHH/MH/MML/SL)	dB(A)		56/58/48/46/43/35/32	57/51/49/47/44/36/33	58/54/52/48/45/37/34	
Connecting pipe	Gas	inch(mm)	φ12	φ12	φ12	
	Liquid	inch(mm)	φ6	φ6	φ6	
Dimension (WxDxH)	Outline	mm	860x305x170	860x305x170	960x320x205	
	Package	mm	935x388x295	935x388x295	1043x403x333	
Net Weight /Gross Weight	kg		11.5/14	11.5/14	14/17	
Loading Quantity	20'GP	set	276	276	210	
	40' GP/40' HQ	set	566/674	566/674	439/499	

Hansol [Free match 4&4+]

Model	GWH07TB-S3DNA1D1		GWH09TB-S3DNA1D1		GWH12TB-S3DNA1D1		GWH18TC-S3DNA1D1		GWH24TD-S3DNA1D1	
Capacity	Cooling	Btu/h	7200	8530	11950	18080	23884			
	Heating	Btu/h	8880	10920	13650	18430	24907			
Power supply	Ph.V/Hz		1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz			
Airflow Volume	m <sup>3</sup> /h		600	650	750	950	1200			
	CFM		353	383	441	559	706			
Sound Pressure Level dB (A)	dB(A)		38/36/32/30	43/36/34/32	43/36/34/32	46/44/42/40	51/50/46/44			
	Gas	inch(mm)	3/8 (φ9.52)	3/8 (φ9.52)	1/2 (φ12)	5/8 (φ16)	5/8 (φ16)			
Connecting pipe	Liquid	inch(mm)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)			
	Outline	mm	806x209x292	806x209x292	806x209x292	1018x230x319	1178x326x264			
Dimension (WxDxH)	Package	mm	888x297x377	888x297x377	888x297x377	1097x340x397	1256x414x364			
	kg		10/13.0	11.0/13.0	11.0/13.0	14.0/17.0	17.0/21.0			
Net Weight /Gross Weight	20'GP	set	266	266	252	174	132			
	40' GP/40' HQ	set	553/632	553/632	518/592	366/427	278/322			

Lomo [Free match 4&4+]

Model	GWH07QB-K3DNA1G/I		GWH09QB-K3DNA1G/I		GWH12QC-K3DNA1G/I		GWH18QD-K3DNA1G/I		GWH24QE-K3DNA1G/I	
Capacity	Cooling	Btu/h	7165	8880	11900	17500	22860			
	Heating	Btu/h	8871	9550	12500	18000	24737			
Power supply	Ph.V/Hz		1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz			
Air flow volume	m <sup>3</sup> /h		550	560	660	800	1150			
	CFM		324	330	388	421	677			
Sound pressure level(SHH/MH/MML/SL)	dB(A)		38/36/32/26	55/52/44/38	57/53/45/42	46/42/39/36	48/45/42/39			
Connecting pipe	Gas	inch(mm)	3/8 (φ9.52)	3/8 (φ9.52)	3/8 (φ9.52)	1/2 (φ12)	5/8 (φ16)			
	Liquid	inch(mm)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)			
Dimension (WxDxH)	Outline	mm	790x200x257	790x200x257	845x209x289	970x300x224	955x700x396			
	Package	mm	866x271x367	866x271x367	921x281x379	1041x383x320	1029x750x458			
Net Weight/Gross weight	kg		9/11	9/11	10.0/12.0	13.5/16.5	17/20.5			
Loading quantity	20'GP	sets	334	334	294	229	168			
	40'GP/40'HQ	sets	692/804	692/804	600/674	479/545	330/392			

Cozy [Free match 4&4+]

Model	GWH07MB-K3DNE3G/I		GWH09MB-K3DNE3G/I		GWH12MB-K3DNE3G/I		GWH18MC-K3DNE3G/I		GWH24MD-K3DNE3G/I	
Capacity	Cooling	Btu/h	7200	8900	11940	18000	22000			
	Heating	Btu/h	8880	10240	13650	19800	24000			
Power supply	Ph.V/Hz		1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz			
Airflow Volume	m <sup>3</sup> /h		580	600	600	850	1000			
	CFM		341	353	353	500	588			
Sound pressure level(SHH/MH/MML/SL)	dB(A)		41/39/34/28	42/39/34/28	42/40/35/30	45/43/37/33	51/47/42/39			
Connecting pipe	Gas	inch(mm)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	1/2(φ12)	5/8 (φ16)			
	Liquid	inch(mm)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)			
Dimension (WxDxH)	Outline	mm	790x170x265	790x170x265	845x180x275	940x200x295	1007x315x219			
	Package	mm	873x251x370	873x251x370	918x258x370	1013x383x300	1076x398x328			
Net Weight/Gross weight	kg		9.0/12.0	9.0/12.0	9.0/12.0	12.0/15.0	15/18.5			
Loading quantity	20'GP	sets	348	348	336	254	210			
	40'GP/40'HQ	sets	732/852	732/852	684/798	541/609	434/496			



### Viola [Free match 4&4+]



Model			GWH07RB-K3DNA5G/I	GWH09RB-K3DNA5G/I	GWH12RB-K3DNA5G/I	GWH18RC-K3DNA5G/I	GWH24RD-K3DNA5G/I	
Capacity	Cooling	Btu/h	7200	8880	11900	18000	22000	
	Heating	Btu/h	8880	10240	13650	19790	24000	
Power supply		PhV/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	
Air flow volume		m <sup>3</sup> /h	580	600	600	850	1000	
		CFM	341	353	353	500	588	
Sound Pressure Level dB (A)		dB(A)	41/39/34/28	41/39/34/28	42/40/35/30	45/43/37/33	51/47/42/39	
Connecting pipe	Gas	inch(mm)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	1/2(φ12)	5/8 (φ16)	
	Liquid	inch(mm)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	
Dimension(WxDxH)		Outline	mm	848x189x274	848x189x274	848x189x274	945x208x298	1018x233x315
		Package	mm	926x267x371	926x267x371	926x267x371	1013x383x300	1086x328x398
Net Weight /Gross Weight		kg	9.0/11.0	9.0/11.0	9.0/12.0	12.0/15.0	15/18.5	
Loading Quantity		20'GP	sets	306	306	306	252	203
		40'HQ	sets	636/742	636/742	636/742	541/609	427/488

### Change [Free match 4&4+]



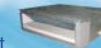
Model			GWH07KF-K3DNA6G/I	GWH09KF-K3DNA6G/I	GWH12KF-K3DNA6G/I	GWH18KG-K3DNA6G/I	GWH24KG-K3DNA6G/I	
Capacity	Cooling	Btu/h	7200	8880	11940	18000	22007	
	Heating	Btu/h	8880	9550	12970	19000	23884	
Power supply		PhV/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	
Air flow volume		m <sup>3</sup> /h	550	600	680	800	1000	
		CFM	324	353	400	471	588	
Sound pressure level(SHH/MH/MMLL/SL)		dB(A)	40/38/30/24	41/38/30/24	42/39/31/25	45/40/37/32	51/47/42/34	
Connecting pipe	Gas	inch(mm)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	1/2(φ12)	5/8 (φ16)	
	Liquid	inch(mm)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	
Dimension(WxDxH)		Outline	mm	770x283x201	770x283x201	770x283x201	865x305x215	1007x315x219
		Package	mm	847x345x276	847x345x276	847x345x276	948x383x310	1076x398x328
Net Weight /Gross Weight		kg	8.0/9.5	328	9.0/10.5	12.0/15.0	14/17	
Loading Quantity		20'GP	sets	328	328	328	264	210
		40'GP/40'HQ	sets	688/774	688/774	688/774	542/616	434/496

### Cassette Type Indoor Unit



Model			GKH(12)BA-K3DNA2A/I	GKH(18)BA-K3DNA2A/I	GKH(24)BA-K3DNA1A/I	
Capacity	Cooling	Btu/h	11942	15354	24225	
	Heating	Btu/h	13648	17060	27296	
Power supply		PhV/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	
Air flow volume		m <sup>3</sup> /h	680	600	1180	
		CFM	400	353	694	
Sound pressure level		dB(A)	35/35/33	46/44/42	39/37/35	
Main body	Gas	inch(mm)	3/8(φ9.52)	1/2(φ12)	5/8(φ16)	
	Liquid	inch(mm)	1/4 (φ6)	1/4 (φ6)	3/8 (φ9.52)	
Dimension (WxDxH)		Outline	mm	840x840x190	570x570x230	840x840x240
		Package	mm	963x963x273	851x731x325	963x963x325
Net Weight/Gross weight		kg	25/33	18/23	28/35	
Panel		Outline	mm	950x950x60	650x650x50	950x950x60
		Package	mm	1043x1028x115	733x673x117	1043x1028x130
Net Weight/Gross weight		kg	6.5/10	2.5/3.5	6.5/10	
Loading quantity		20'GP	sets	48	-	40
		40'GP/40'HQ	sets	128/144	209/246	108/128

### 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	11940	17060	20470	24230	
	Heating	Btu/h	9550	13140	18770	22520	27300	
Power supply		PhV/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	
Air flow volume		m <sup>3</sup> /h	450	500	700	1000	1000	
		CFM	264.825	324	411.95	588.5	588.5	
Sound pressure level(SHH/MH/MMLL/SL)		dB(A)	37/31	39/32	41/33	42/34	42/34	
Connecting pipe	Gas	inch(mm)	3/8(φ9.52)	3/8(φ9.52)	1/2(φ12)	5/8(φ16)	5/8(φ16)	
	Liquid	inch(mm)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	3/8(φ9.52)	3/8(φ9.52)	
Dimension(WxDxH)		Outline	mm	700x615x200	700x615x200	900x615x200	1100x615x200	1100x615x200
		Package	mm	893x743x305	893x743x305	1123x743x305	1323x743x305	1323x743x305
Net Weight/Gross weight		kg	22/27	23/29	27/36	31/41	31/41	
Loading Quantity		20'GP	sets	108	108	90	72	72
		40'GP/40'HQ	sets	234/234	234/234	180/180	162/162	162/162

### Floor Ceiling Type Indoor Unit



Model			GTH(09)BA-K3DNA1A/I	GTH(12)BA-K3DNA1A/I	GTH(18)BA-K3DNA1A/I	GTH(24)BA-K3DNA1A/I	
Capacity	Cooling	Btu/h	11942	11942	17060	24225	
	Heating	Btu/h	13648	13136	18766	27296	
Power supply		PhV/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	
Airflow volume		m <sup>3</sup> /h	600	650	950	1250	
		CFM	383	382	559	736	
Sound pressure level (SHH/MH/MMLL/SL)		dB(A)	46/42	40/36	45/40	48/44	
Connecting pipe	Gas	inch(mm)	3/8(φ9.52)	3/8(φ9.52)	1/2(φ12)	5/8(φ16)	
	Liquid	inch(mm)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	3/8(φ9.52)	
Dimension(WxHxD)		Outline	mm	570x570x230	1220x700x225	1220x700x225	1220x700x225
		Package	mm	851x731x325	1343x823x315	1343x823x315	1343x823x315
Net weight/Gross weight		kg	18/23	40/50	40/50	45/54	
Loading quantity		20'GP	sets	66	66	66	66
		40'GP/40'HQ	sets	209/246	132/132	132/132	132/132

### Control system line up

Control system		Product series		Wall mounted type					Duct type	Cassette type	Floor ceiling type
		Hansol	Viola	Lomo	Cozy	Change					
Centralized controller	YAA1FB1										
	YAA1FB										
	YB1FA(XFAN)				●						
	YB1F2(XFAN)					●					
	YAN1F1			●							
	YAG1FB	●									
Centralized controller	YT1F(MOTO)		●					●	●	●	
	XK19		●					●	●	●	
Centralized controller	CE50-24E	○						●	●	●	

Features: ● Standard ○ Optional