

Outdoor Unit



Model			GWHD(14)NK6LO	GWHD(18)NK6LO	GWHD(21)NK6LO	GWHD(24)NK6LO	GWHD(28)NK6LO	GWHD(36)NK6LO	GWHD(42)NK6LO
Capacity	Cooling	Btu/h	13900	13900	20800	24200	27300	35800	40900
	Heating	Btu/h	15000	15000	22100	29000	32400	40900	44300
SEER		WWV	6.10	6.10	6.10	6.10	6.10	6.10	6.10
Power Input	Cooling	KW	1.20	1.20	1.74	1.95	2.30	3.10	3.45
	Heating	KW	1.02	1.02	1.60	2.20	2.65	3.20	3.50
Power Supply		Ph, V, Hz	1Ph, 220-240V, 50Hz						
Refrigerant charge volume		kg	1.05	1.05	1.6	1.8	2.0	2.75	2.75
Airflow Volume		Indoor m ³ /h	2600	2600	3200	4000	4000	7200	7200
Sound Pressure Level		Indoor dB(A)(SHH/M/L)	55	55	58	58	58	60	60
Dimension(WxHxD)	Outline	mm	899×378×596	899×378×596	955×396×700	980×427×790	980×427×790	1087×440×1103	1087×440×1103
	Package	mm	948×420×645	948×420×645	1029×458×750	1083×488×855	1083×488×855	1158×493×1235	1158×493×1235
Net Weight /Gross Weight	Indoor	Kg	43/46	43/46	55/59.5	68/73	69/74	90/98	90/98
	Indoor	Lb	94.8/101.6	94.8/101.6	121.2/130.1	150.1/160.4	152.1/163.1	198.0/216.4	198.0/216.4
Piping Connection	Gas	mm	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52
	Liquid	mm	φ6	φ6	φ6	φ6	φ6	φ6	φ6
Max equivalent connection pipe length		m	10	10	20	20	20	25.0	25.0
Maximum drive IDU NO.		unit	2	2	3	3	4	4	5
Loading Quantity		40'GP/40'HQ sets	204/272	204/272	171/171	96/144	96/144	48/48	48/48

Amber



Model			GWHD09YD-K6DNA1A*	GWHD18YD-K6DNA1B*	GWHD24YE-K6DNA1B*
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	9300	18000	7000
	Heating	Btu/h	9600	18000	7200
Power Supply		Ph, V, Hz	1Ph, 220-240V, 50Hz	1Ph, 220V-240V, 50Hz	1Ph, 220-240V, 50Hz
Airflow Volume		Indoor m ³ /h	800	850	750
Sound Pressure Level		Indoor dB(A)(SHH/M/L)	43/41/36/31	49/45/41/37	49/47/44/42/40/38/36
Dimension(WxHxD)	Outline	mm	996×301×225	996×301×225	1100×327×249
	Package	mm	1060×380×322	1057×377×307	1167×405×354
Net Weight /Gross Weight	Indoor	Kg	13/16	13.5/16.5	16.5/20
	Indoor	Lb	28.7/35.3	29.8/36.4	36.4/44.1
Piping Connection	Gas	mm/inch	9.52(3/8)	φ6/1/4"	φ6
	Liquid	mm/inch	6.35(1/4)	φ12/1/2"	φ6
Loading Quantity	40'GP sets		198	125	114
	40'HQ sets		229	145	131

Lomo



Model			GWHD09QB-K6DNA1E*	GWHD12QC-K6DNA1D*	GWHD18QD-K6DNA1D*	GWHD24QE-K6DNA1E*
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	8871	12000	17742	23884
	Heating	Btu/h	9553	12600	18083	24566
Power Supply		Ph, V, Hz	1Ph, 220V-240V, 50Hz	1Ph, 220V-240V, 50Hz	1Ph, 220V-240V, 50Hz	1Ph, 220V-240V, 50Hz
Airflow Volume		Indoor m ³ /h	560	700	850	1250
Sound Pressure Level		Indoor dB(A)(SHH/M/L)	40/36/32/26	42/38/33/29	46/42/39/36	49/44/41/34
Dimension(WxHxD)	Outline	mm	790×275×200	845×289×209	970×300×224	1078×325×246
	Package	mm	866×367×271	921×281×379	1041×383×320	1148×413×350
Net Weight /Gross Weight	Indoor	Kg	9/11	10.5/12.5	13.5/16.5	16.5/20
	Indoor	Lb	19.8/24.2	23.1/27.5	29.8/36.4	36.4/44.1
Piping Connection	Gas	mm/inch	φ9.52	φ9.52	φ6	φ16
	Liquid	mm/inch	φ6	φ6	φ12	φ6
Loading Quantity	40'GP sets		212	196	127	118
	40'HQ sets		245	226	146	131

Bora



Model			GWHD09AAB-K6DNA3A	GWHD12AAB-K6DNA3A	GWHD18AAD-K6DNA1B	GWHD18AAD-K6DNA1A
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	8530	10918	15695	17500
	Heating	Btu/h	9554	11601	17742	18010
Power Supply		Ph, V, Hz	1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz
Airflow Volume		Indoor m ³ /h	550/500/430/300	550/500/430/300	850/720/610/520	850/720/610/520
Sound Pressure Level		Indoor dB(A)(SHH/M/L)	40/37/35/28	42/37/35/28	48/45/39/34	48/44/39/34
Dimension(WxHxD)	Outline	mm	773×250×185	773×250×185	970×300×225	970×300×225
	Package	mm	822×322×255	822×322×255	1020×369×295	1020×369×295
Net Weight /Gross Weight	Indoor	Kg	8.5/9.5	8.5/9.5	13.5/16.5	13.5/16.5
	Indoor	Lb	18.7/20.9	18.7/20.9	29.8/36.4	30/36
Piping Connection	Gas	mm/inch	φ9.52/3/8"	φ9.52/3/8"	φ6/1/4"	φ12/1/2"
	Liquid	mm/inch	φ6/1/4"	φ6/1/4"	φ6/1/4"	φ6/1/4"
Loading Quantity	40'GP sets		240	210	183	164
	40'HQ sets		284	246	210	187

Super Free Match



Capacity range from 42K Btu/h to 56K Btu/h can be widely used in residential house, hotel, business office and especially applicable in variable loading situation.



- High efficiency
- Intelligent Defrosting
- Comprehensive protection
- Compact design
- EASIER maintainability
- Inner groove copper
- 'Turbo' Button
- Self-Diagnosis
- Low voltage startup
- Timer
- Lock
- Wide operation range
- Auto Restart
- Wide voltage range
- Centralized control
- Weekly timer
- Long-distance monitoring

Features: ● Standard ○ Optional

- Power supply startup delay design, lower the unit starting current.
- High efficiency thanks to DC inverter compressor.
- The lowest noise thanks to advanced technology.
- The system could run stably under hard operation conditions.
- Connection pipe up to 145 meter length that convient on installation.

GWHDNK3CO**

Item	Nominal operating condition(temperature)				Operation range(temperature)	
	Outdoor condition		Indoor condition			Outdoor condition
	DB(°C)	WB(°C)	DB(°C)	WB(°C)		
Cooling	35	24	27	19	-15~48	
Heating	7	6	20	15	+20~24	

GWHDNM3DO**

Item	Nominal operating condition(temperature)				Operation range(temperature)	
	Outdoor condition		Indoor condition			Outdoor condition
	DB(°C)	WB(°C)	DB(°C)	WB(°C)		
Cooling	35	24	27	19	18~48	
Heating	7	6	20	15	+10~24	

163 Combinations

	Two units		Three units		Four units		Five units		Six units
	7+18	7+7+12	7+18+24	9+21+24	7+7+7+7	7+7+18+21	7+7+9+9+21	7+7+9+9+21	9+9+9+12+12
GWHD(42S)NK3CO (2 to 6)	7+18	7+7+12	7+18+24	9+21+24	7+7+7+7	7+7+18+21	7+7+9+9+21	7+7+9+9+21	9+9+9+12+12
	7+21	7+7+18	7+21+24	12+12+12	7+7+7+9	7+7+18+24	7+7+9+9+21	7+7+9+9+21	9+9+12+12+12
	7+24	7+7+12	7+21+24	12+12+18	7+7+7+12	7+7+9+9+21	7+7+9+9+21	7+7+9+9+21	-
	9+12	7+7+18	7+24+24	12+12+21	7+7+7+18	7+7+9+9+21	7+7+9+9+21	7+7+9+9+21	-
	9+18	7+7+21	9+9+9	12+12+24	7+7+7+21	7+7+9+9+21	7+7+9+9+21	7+7+9+9+21	-
	9+21	7+7+24	9+9+12	12+18+18	7+7+7+24	7+7+9+9+21	7+7+9+9+21	7+7+9+9+21	-
	9+24	7+9+9	9+9+18	12+18+21	7+7+9+9	7+9+9+24	7+9+9+24	7+9+9+24	-
	12+12	7+9+12	9+9+21	12+18+24	7+7+9+9	7+9+9+24	7+9+9+24	7+9+9+24	-
	12+18	7+9+18	9+9+24	12+21+21	7+7+9+12	7+9+9+24	7+9+9+24	7+9+9+24	-
	12+21	7+9+21	9+12+12	-	7+7+9+18	7+9+9+24	7+9+9+24	7+9+9+24	-
	12+24	7+9+24	9+12+18	-	7+7+9+21	7+9+9+24	7+9+9+24	7+9+9+24	-
	18+18	7+12+12	9+12+21	-	7+7+9+24	7+9+9+24	7+9+9+24	7+9+9+24	-
	18+21	7+12+18	9+12+24	-	7+7+9+18	7+9+9+24	7+9+9+24	7+9+9+24	-
	18+24	7+12+21	9+18+18	-	7+7+12+12	7+12+12+12	7+12+12+12	7+12+12+12	-
	21+21	7+12+24	9+18+21	-	7+7+12+18	7+12+12+18	7+12+12+18	7+12+12+18	-
	21+24	7+18+18	9+18+24	-	7+7+12+24	7+12+12+24	7+12+12+24	7+12+12+24	-
		7+18+21	9+21+21	-	7+7+18+18	7+12+12+24	7+12+12+24	7+12+12+24	-

288 Combinations

	Two units		Three units		Four units		Five units		Six units
	7+18	7+7+12	7+18+24	9+9+9	12+18+18	7+7+7+7	7+7+12+21	7+7+12+21	9+9+18+21
GWHD(48S)NK3CO (2 to 8)	7+18	7+7+12	7+18+24	9+9+9	12+18+18	7+7+7+7	7+7+12+21	7+7+12+21	9+9+18+21
GWHD(48S)NK3CO (2 to 8)	7+21	7+7+18	7+21+24	9+9+12	12+18+21	7+7+7+9	7+7+12+24	7+7+12+24	9+9+18+24
	7+24	7+7+12	7+21+24	9+9+18	12+18+24	7+7+7+12	7+7+12+18	7+7+12+18	9+9+21+21
	9+12	7+7+18	7+24+24	9+9+21	12+21+21	7+7+7+18	7+7+12+21	7+7+12+21	9+9+21+24
	9+21	7+7+21	9+9+9	9+9+24	12+21+24	7+7+7+21	7+7+12+24	7+7+12+24	9+12+12+12
	9+24	7+9+12	9+9+12	9+12+12	12+24+24	7+7+7+24	7+7+12+21	7+7+12+21	9+12+12+18
	12+12	7+9+18	9+12+18	9+12+18	18+18+18	7+7+9+9	7+7+12+24	7+7+12+24	9+12+12+21
	12+18	7+9+21	9+12+21	9+12+21	18+18+21	7+7+9+12	7+7+12+24	7+7+12+24	9+12+12+24
	12+21	7+9+24	9+12+24	9+12+24	18+18+24	7+7+9+18	7+7+12+24	7+7+12+24	9+12+18+18
	12+24	7+12+12	9+18+18	9+18+18	18+21+21	7+7+9+21	7+7+12+24	7+7+12+24	9+12+18+21
	18+18	7+12+18	9+18+21	9+18+21	18+21+24	7+7+9+24	7+7+12+24	7+7+12+24	9+12+18+24
	18+21	7+12+21	9+18+24	21+21+21	7+7+12+12	7+9+18+18	7+9+9+12	7+9+9+12	9+12+21+21
	18+24	7+12+24	9+21+21	-	7+7+12+18	7+9+18+21	7+9+9+21	7+9+9+21	9+18+18+18
	21+21	7+18+18	9+21+24	-	7+7+12+21	7+9+18+24	7+9+9+24	7+9+9+24	12+12+12+12
	21+24	7+18+21	9+24+24	-	7+7+12+24	7+9+21+21	7+9+9+24	7+9+9+24	12+12+12+18
	24+24	7+18+24	12+12+12	-	7+7+18+18	7+9+21+24	7+9+9+24	7+9+9+24	12+12+12+21
	-	7+21+21	12+12+18	-	7+7+18+21	7+9+24+24	7+9+9+24	7+9+9+24	12+12+12+24
	-	7+21+24	12+12+21	-	7+7+18+24	7+12+12+12	7+9+9+24	7+9+9+24	12+12+18+18
	-	7+24+24	12+12+24	-	7+7+21+21	7+12+12+18	7+9+9+24	7+9+9+24	12+12+18+21

288 Combinations

	Five units				Six units			Seven units		Eight units	
	7+7+7+7+7	7+7+9+9+12	7+9+9+9+24	9+9+9+12+12	7+7+7+7+7+7	7+7+7+9+9+21	7+9+9+9+9+21	7+7+7+7+7+7+7	7+9+9+9+9+9+9	7+9+9+9+9+9+9	7+9+9+9+9+9+9
GWHD(48S)NK3CO (2 to 8)	7+7+7+7+7	7+7+9+9+12	7+9+9+9+24	9+9+9+12+12	7+7+7+7+7+7	7+7+7+9+9+21	7+9+9+9+9+21	7+7+7+7+7+7+7	7+9+9+9+9+9+9	7+9+9+9+9+9+9	7+9+9+9+9+9+9
GWHD(48S)NK3CO (2 to 8)	7+7+7+7+9	7+7+9+9+18	7+9+9+12+12	9+9+9+12+18	7+7+7+7+7+9	7+7+7+9+9+24	7+9+9+9+12+12	7+7+7+7+7+7+9	7+9+9+9+9+9+12	7+9+9+9+9+9+12	7+9+9+9+9+9+12
	7+7+7+7+12	7+7+9+9+21	7+9+9+12+18	9+9+9+12+24	7+7+7+7+7+12	7+7+7+9+12+12	7+9+9+9+12+18	7+7+7+7+7+7+12	7+9+9+9+9+9+18	7+9+9+9+9+9+18	7+9+9+9+9+9+18
	7+7+7+7+18	7+7+9+9+24	7+9+9+12+24	9+9+9+12+18	7+7+7+7+7+18	7+7+7+9+12+18	7+9+9+9+12+24	7+7+7+7+7+7+18	7+9+9+9+9+9+24	7+9+9+9+9+9+24	7+9+9+9+9+9+24
	7+7+7+7+21	7+7+9+9+12	7+9+9+12+18	9+9+9+18+18	7+7+7+7+7+21	7+7+7+9+12+21	7+9+9+9+12+18	7+7+7+7+7+7+21	7+9+9+9+9+9+21	7+9+9+9+9+9+21	7+9+9+9+9+9+21
	7+7+7+7+24	7+7+9+9+18	7+9+9+12+12	9+9+9+18+18	7+7+7+7+7+24	7+7+7+9+12+24	7+9+9+9+12+18	7+7+7+7+7+7+24	7+9+9+9+9+9+24	7+9+9+9+9+9+24	7+9+9+9+9+9+24
	7+7+7+9+9	7+7+9+12+21	7+9+9+12+12	9+9+12+12+12	7+7+7+7+9+9	7+7+7+9+12+12	7+9+9+9+9+12	7+7+7+7+7+9+9	7+9+9+9+9+9+12	7+9+9+9+9+9+12	7+9+9+9+9+9+12
	7+7+7+9+12	7+7+9+12+24	7+9+12+12+12	9+9+12+12+18	7+7+7+7+9+12	7+7+7+9+12+18	7+9+9+9+9+12	7+7+7+7+7+9+12	7+9+9+9+9+9+12	7+9+9+9+9+9+12	7+9+9+9+9+9+12
	7+7+7+9+18	7+7+9+18+18	7+9+12+12+18	9+9+12+12+21	7+7+7+7+9+18	7+7+7+9+18+18	7+9+9+9+9+12	7+7+7+7+7+9+18	7+9+9+9+9+9+12	7+9+9+9+9+9+12	7+9+9+9+9+9+12
	7+7+7+9+21	7+7+9+18+21	7+9+12+12+21	9+9+12+12+24	7+7+7+7+9+21	7+7+7+9+18+21	7+9+9+9+9+12	7+7+7+7+7+9+21	7+9+9+9+9+9+12	7+9+9+9+9+9+12	7+9+9+9+9+9+12
	7+7+7+9+24	7+7+12+12+12	7+9+12+12+24	9+12+12+12+18	7+7+7+7+9+24	7+7+7+9+18+24	7+9+9+9+9+12	7+7+7+7+7+9+24	7+9+9+9+9+9+12	7+9+9+9+9+9+12	7+9+9+9+9+9+12
	7+7+7+12+12	7+7+12+12+18	7+12+12+12+21	12+12+12+12+12	7+7+7+7+12+12	7+7+7+9+18+12	7+9+9+9+9+12	7+7+7+7+7+12+12	7+9+9+9+9+9+12	7+9+9+9+9+9+12	7+9+9+9+9+9+12
	7+7+7+12+18	7+7+12+12+21	7+12+12+12+18	-	7+7+7+7+12+18	7+7+7+9+18+12	7+9+9+9+9+12	7+7+7+7+7+12+18	7+9+9+9+9+9+12	7+9+9+9+9+9+12	7+9+9+9+9+9+12
	7+7+7+12+21	7+7+12+12+24	7+12+12+12+21	-	7+7+7+7+12+21	7+7+7+9+18+12	7+9+9+9+9+12	7+7+7+7+7+12+21	7+9+9+9+9+9+12	7+9+9+9+9+9+12	7+9+9+9+9+9+12
	7+7+7+12+24	7+7+12+18+18	7+12+12+12+24	-	7+7+7+7+12+24	7+7+7+9+18+12	7+9+9+9+9+12	7+7+7+7+7+12+24	7+9+9+9+9+9+12	7+9+9+9+9+9+12	7+9+9+9+9+9+12
	7+7+7+18+18	7+9+9+9+9	7+9+9+9+12	-	7+7+7+7+18+18	7+7+7+9+18+12	7+9+9+9+9+12	7+7+7+7+7+18+18	7+9+9+9+9+9+12	7+9+9+9+9+9+12	7+9+9+9+9+9+12
	7+7+7+18+21	7+9+9+9+12	7+9+9+9+18	-	7+7+7+7+18+21	7+7+7+9+18+12	7+9+9+9+9+12	7+7+7+7+7+18+21	7+9+9+9+9+9+12	7+9+9+9+9+9+12	7+9+9+9+9+9+12
	7+7+7+18+24	7+9+9+9+18	7+9+9+9+24	-	7+7+7+7+18+24	7+7+7+9+18+12	7+9+9+9+9+12	7+7+7+7+7+18+24	7+9+9+9+9+9+12	7+9+9+9+9+9+12	7+9+9+9+9+9+12
	7+7+9+9+9	7+9+9+9+21	9+9+9+9+24	-	7+7+7+9+9+9	7+9+9+9+12	7+9+9+9+9+12	7+7+7+9+9+9+9	7+9+9+9+9+9+12	7+9+9+9+9+9+12	7+9+9+9+9+9+12

448 Combinations

	Two units		Three units				Four units				
	7+18	7+7+18	7+21+24	9+24+24	18+21+24	7+7+7+7	7+7+12+24	7+9+12+18	9+9+12+21	9+12+21+21	12+12+18+24
GWHD(66S)NK3CO (2 to 9)	7+18	7+7+18	7+21+24	9+24+24	18+21+24	7+7+7+7	7+7+12+24	7+9+12+18	9+9+12+21	9+12+21+21	12+12+18+24
GWHD(66S)NK3CO (2 to 9)	7+21	7+7+18	7+24+24	12+12+18	18+24+24	7+7+7+9	7+7+18+18	7+9+18+18	7+18+18+18	9+9+12+24	9+12+24+24
	7+24	7+7+12	7+21+24	12+12+18	21+21+21	7+7+7+12	7+7+18+21	7+9+18+21	7+18+18+18	9+12+24+24	12+12+21+24
	9+18	7+9+12	9+9+18	12+12+21	21+24+24	7+7+7+18	7+7+18+24	7+9+18+24	7+18+18+24	9+9+12+24	12+12+24+24
	9+21	7+9+18	9+9+21	12+12+24	21+24+24	7+7+7+21	7+7+18+24	7+9+18+24	7+18+18+24	9+9+12+24	12+12+24+24
	9+24	7+9+21	9+9+24	12+18+18	24+24+24	7+7+7+24	7+7+18+24	7+9+18+24	7+18+18+24	9+9+12+24	12+12+24+24
	12+18	7+9+24	9+12+12	12+18+21	-	7+7+9+9	7+7+24+24	7+9+24+24	7+18+24+24	9+9+12+24	12+12+24+24
	12+21	7+12+12	9+12+18	12+18+24	-	7+7+9+9	7+9+9+9	7+12+12+12	7+12+12+12	9+9+12+24	12+12+24+24
	12+24	7+12+18	9+12+21	12+21+21	-	7+7+9+12	7+9+9+12	7+12+12+18	7+12+12+18	9+9+12+24	12+12+24+24
	18+18	7+12+21	9+								

		Six units				
GWHD(56S)NK3CO (2 to 9)	GWHD(56S)NM3DO (2 to 9)	747474747	747479+12+12	747499+12+18	7499+12+12+18	12+12+12+12+12
		747474749	747479+12+12	747499+12+21	7499+12+12+21	-
		747474747+12	747479+12+18	747499+12+24	7499+12+12+12+18	-
		747474747+18	747479+12+21	747499+18+18	7499+12+12+18	-
		747474747+24	747479+12+24	747499+18+21	7499+12+12+18	-
		7474747+9	747479+18+18	747499+12+12+18	99+99+99+9	-
		7474747+9+12	747479+18+24	747499+12+12+21	99+99+99+18	-
		7474747+9+18	747479+12+21+21	747499+12+12+24	99+99+99+21	-
		7474747+9+24	747479+12+21+18	747499+12+18+18	99+99+99+24	-
		7474747+9+12+12	747479+12+12+18	7499+99+99+9	99+99+99+12+12	-
		7474747+9+12+18	747479+12+12+21	7499+99+99+12	99+99+99+12+18	-
		7474747+9+12+24	747479+12+12+24	7499+99+99+18	99+99+99+12+21	-
		7474747+9+18+18	747479+12+18+18	7499+99+99+21	99+99+99+12+24	-
		7474747+9+18+24	747479+12+18+21	7499+99+99+24	99+99+99+18+18	-
		7474747+9+18+21	747479+12+18+21	7499+99+99+12+12	99+99+99+12+12	-

		Seven units			Eight units		Nine units	
GWHD(56S)NK3CO (2 to 9)	GWHD(56S)NM3DO (2 to 9)	747474747+7	7474749+9+12	747499+9+9+12	747474747+7+7	7474749+9+9+9+9	747474747+7+7+7	-
		747474747+9	7474749+9+24	747499+9+9+18	747474747+7+7+9	7474749+9+9+9+12	747474747+7+7+7+9	-
		747474747+12	7474749+12+12	747499+9+9+21	747474747+7+7+12	7474749+9+9+12+12	747474747+7+7+7+12	-
		747474747+18	7474749+12+18	747499+9+9+12+12	747474747+7+7+18	747499+9+9+9+9	747474747+7+7+9+9	-
		747474747+24	7474749+12+21	747499+9+9+12+18	747474747+7+7+21	747499+9+9+9+12	747474747+7+7+9+12	-
		747474747+9+9	7474749+12+12+12	747499+9+12+12+12	747474747+7+9+12	99+99+99+9+9+9	747474747+9+9+9	-
		747474747+9+12	7474749+9+9+9	7499+99+9+9+9	747474747+7+9+18	-	-	
		747474747+9+18	7474749+9+9+12	7499+99+9+9+12	747474747+7+9+21	-	-	
		747474747+9+21	7474749+9+9+18	7499+99+9+9+18	747474747+7+9+24	-	-	
		747474747+9+24	7474749+9+9+21	7499+99+9+9+21	747474747+7+9+21+12	-	-	
		747474747+12+12	7474749+9+9+24	7499+99+9+12+12+12	747474747+7+9+9	-	-	
		747474747+12+18	7474749+9+9+12+12	99+99+99+9+9	747474747+7+9+12	-	-	
		747474747+12+21	7474749+9+9+18	99+99+99+9+12	747474747+7+9+18	-	-	
		747474747+12+24	7474749+9+9+21	99+99+99+9+18	747474747+7+9+21	-	-	
		747474747+18+18	7474749+9+12+12+12	99+99+99+9+12+12	747474747+7+9+12+12	-	-	
		747474747+9+9+9	7474749+9+12+12+18	99+99+9+12+12+12	747474747+9+9+9	-	-	

Outdoor Unit

Model	Heat Pump		GWHD(42S)NK3CO	GWHD(48S)NK3CO	GWHD<48S>NM3DO	GWHD(56S)NK3CO	GWHD<56S>NM3DO
Capacity	Cooling	Btu/h	42000	47800	47800	52900	54600
	Heating	Btu/h	42700	53000	42700	59700	61400
Power supply	Ph/V/Hz		1/220-240/50	1/220-240/50	3Ph,380-415V,50Hz	1/220-240/50	3Ph,380-415V,50Hz
Power input	Cooling	kW	4.10	4.60	4.60	5.30	5.20
	Heating	kW	3.70	4.30	4.25	4.80	4.70
Refrigerant charge volume		kg	4.95	4.95	4.95	4.95	4.95
Air Pressure Level		m ³ /h	6400	6400	6600	6600	6600
Sound pressure level		dB(A)	55	55	58	700	58
Dimension(W×D×H)	Outline	mm	900×340×1345	900×340×1345	900×340×1345	900×340×1345	900×340×1345
	Package	mm	993×453×1500	993×453×1500	993×453×1500	993×453×1500	993×453×1500
Net weight/Gross weight		kg	116/125	116/125	121/132	116/125	121/132
Connecting pipe diameter	Gas	inch(mm)	φ5/8(15.9)	φ5/8(15.9)	φ16	φ5/8(15.9)	φ19
	Liquid	inch(mm)	φ3/8(9.52)	φ3/8(9.52)	φ9.52	φ3/8(9.52)	φ9.52
Max. equivalent connection pipe length		m	115	135	135	145	155
Maximum drive IDU NO.		unit	6	8	8	9	9
Loading quantity	40'GP/40'HQ	sets	5/57	5/57	5/57	5/57	5/57

1. The product with * is under development, and the parameters are estimated, please refer to the value on nameplates.
 2. Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.

BU Module

Model		FXA2A-K	FXA2B-K	FXA3A-K	FXA3B-K	FXB3A-K	FXB5A-K
Fuse current		3.15	3.15	3.15	3.15	3.15	3.15
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	1/220-240/50
Dimension(W×D×H)	Outline	mm	361×313×182	361×313×182	361×313×182	361×313×182	513×312×193
	Package	mm	683×392×258	683×392×258	683×392×258	683×392×258	676×473×268
Connection Method	—	Flare	Braze	Flare	Braze	Flare	Flare
	Net weight/Gross weight	kg	6.5/8.3	6.5/8.3	7.0/9.0	7.0/9.0	8.0/11.0
Connecting pipe diameter (to IDU)	Gas	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)
	Liquid	inch(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)
Connecting pipe diameter (to ODU)	Gas	inch(mm)	Φ5/8(15.9)	Φ5/8(15.9)	Φ5/8(15.9)	Φ5/8(15.9)	Φ5/8(15.9)
	Liquid	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)
Maximum connect IDU NO.	unit	2	2	3	3	3	5
Loading quantity	40'GP	sets	294	294	294	294	246
	40'HQ	sets	294	294	294	294	246
Max. Equivalent	m	15	15	15	15	15	15

Wall Mounted Indoor Unit

Hansol

Model		GWHD(07)TA-K3DNA1E/I	GWHD(09)TA-K3DNA1E/I	GWHD(12)TB-K3DNA1E/I	GWHD(18)TC-K3DNA1E/I	
Capacity	Cooling	Btu/h	7165	8530	11942	18084
	Heating	Btu/h	8871	9383	12454	19107
Power supply	Ph/V/Hz		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Airflow volume	CFM		550/490/370/290	550/490/370/290	770/670/530/410	950/870/710/560
	m ³ /h		324/288/218/171	324/288/218/171	430/394/312/241	559/512/418/330
Sound pressure level		dB(A) [SPL]	41/36/34/32/28/24/21	41/36/34/32/28/24/21	43/36/34/32/28/24/21	49/44/41/39/36/33/30
Connecting pipe	Gas	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ1/2(12.7)	Φ5/8(15.9)
	Liquid	inch(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)
Dimension(W×H×D)	Outline	mm	806×292×209	806×292×209	866×292×209	1018×230×319
	Package	mm	888×297×377	888×297×377	945×297×377	1097×340×397
Net weight/Gross weight		kg	10.5/12.5	10.5/12.5	11.0/13.5	15.0/18.5
Loading quantity	20'GP	sets	284	284	276	174
	40' GP/40' HQ	sets	591/669	591/669	566/640	381/442

Lomo

Model		GWHD07CA-K3DNA5C/I	GWHD09CB-K3DNA1G/I	GWHD12QC-K3DNA1G/I	GWHD18QD-K3DNA1G/I	GWHD24QE-K3DNA1G/I	
Capacity	Cooling	Btu/h	7506	8871	12000	17500	22900
	Heating	Btu/h	7848	9600	12500	18000	24800
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	Indoor	m ³ /h	500/420/390/300	560/490/430/330	660/540/460/330	800/720/610/520	1150/1050/950/850
Sound Power Level	Indoor	dB(A) [SPL]	40/36/34/24	55/52/44/38	57/53/45/42	58/54/51/48	64/59/56/53
Outline Dimension	W×H×D	mm	713×270×195	790×275×200	845×289×209	970×300×224	1078×325×246
Package Dimension	W×H×D	mm	776×362×268	866×367×271	921×379×281	1041×383×320	1148×413×350
Net Weight/Gross Weight	Indoor	kg	8.5/10	9/11	10/12	13.5/16.5	17/20.5
	Gas	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)	Φ1/2(12.7)	Φ5/8(15.9)
Piping Connection	Liquid	inch(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)
	40'GP	sets	842	624	624	489	346
Loading Quantity	40'HQ	sets	6140	804	728	557	402

Coyz

Model		GWHD07MA-K3DNA3E/I	GWHD09MA-K3DNA3E/I	GWHD12MB-K3DNA3E/I	GWHD18MC-K3DNA3E/I	GWHD24MD-K3DNA3E/I	
Capacity	Cooling	Btu/h	7500	8900	11900	18100	22000
	Heating	Btu/h	8900	9600	13000	19800	24000
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
Airflow volume	CFM		450/410/380/320	500/410/380/320	630/500/420/350	850/780/650/550	1000/800/700/550
	m ³ /h		265/241/224/188	294/241/224/188	371/295/247/206	500/459/383/324	588/471/412/324
Sound pressure level		dB(A) [SPL]	36/34/31/28/-	37/34/31/28/-	38/34/32/30/-	46/43/40/36/-	51/47/42/39
Connecting pipe	Gas	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)	Φ1/2(12.7)	φ16
	Liquid	inch(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	φ6
Dimension(W×H×D)	Outline	mm	790×265×170	790×265×170	845×275×180	940×298×200	1007×315×219
	Package	mm	873×370×251	873×370×251	918×370×258	1013×300×383	1076×398×328
Net weight/Gross weight		kg	9.0/11.0	9.0/11.0	10/12.5	13.0/16.0	15/18.5
Loading quantity	20'GP	sets	348	348	318	254	91
	40' GP/40' HQ	sets	724/844	724/844	684/798	539/607	113

Viola



Model			GW/H(07)RA-K3DNA3E/I	GW/H(09)RA-K3DNA3E/I	GW/H(12)RB-K3DNA3E/I	GW/H(18)RC-K3DNA3E/I	GW/H(24)RC-K3DNA1A/I
Capacity	Cooling	Btu/h	7200	8900	11900	18100	22000
	Heating	Btu/h	8900	9600	13000	19800	24200
Power supply	PhV/Hz		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Airflow volume	m ³ /h		500/420/400/300	500/420/400/300	630/530/430/320	850/780/650/500	1000
	CFM		294/247/235/177	294/247/235/177	371/312/253/194	500/459/383/294	588
Sound pressure level	dB(A)		40/37/35/32/-	40/37/35/32/-	42/39/36/33/-	45/42/37/33/-	48/46/44/42/-
	dB(A)		37/31	39/32	41/33	42/34	42/34
Connecting pipe	Gas	inch(mm)	Φ3/8(9,52)	Φ3/8(9,52)	Φ1/2(12,7)	Φ5/8(15,9)	Φ5/8(15,9)
	Liquid	inch(mm)	Φ1/4(6,35)	Φ1/4(6,35)	Φ1/4(6,35)	Φ1/4(6,35)	Φ3/8(9,52)
Dimension(WxHxD)	Outline	mm	794×265×186	794×265×186	848×274×189	945×298×208	1018×315×233
	Package	mm	873×365×258	873×365×258	926×371×267	1013×300×383	1086×328×398
Net weight/Gross weight	kg		9,0/10,5	9,0/10,5	10/12	13,0/16,0	15,5/20,5
Loading quantity	20'GP	sets	352	352	312	254	210
	40' GP/40' HQ	sets	734/840	734/824	643/749	539/607	434/496

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		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Airflow volume	m ³ /h		450	500	700	1000	1000
	CFM		265	294	412	588,5	588,5
Sound pressure level (HL)	dB(A)		37/31	39/32	41/33	42/34	42/34
	dB(A)		37/31	39/32	41/33	42/34	42/34
Connecting pipe	Gas	inch(mm)	Φ3/8(9,52)	Φ3/8(9,52)	Φ1/2(12,7)	Φ5/8(15,9)	Φ5/8(15,9)
	Liquid	inch(mm)	Φ1/4(6,35)	Φ1/4(6,35)	Φ1/4(6,35)	Φ1/4(6,35)	Φ3/8(9,52)
Dimension(WxHxD)	Outline	mm	700×615×200	700×615×200	800×615×200	1100×615×200	1100×615×200
	Package	mm	893×743×305	893×743×305	1123×743×305	1323×743×305	1323×743×305
Net weight/Gross weight	kg		22/27	23/29	27/36	31/41	31/41
Loading quantity	20'GP	sets	126	126	105	84	84
	40' GP/40' HQ	sets	273/312	273/312	217/248	175/200	175/200

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	11942	17060	24225
	Heating	Btu/h	13648	17060	13136	18766	27296
Power supply	PhV/Hz		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Airflow volume	m ³ /h		600	600	680	680	1180
	CFM		353	353	400	400	694
Sound pressure level (SHH/MH/MLL/SL)	dB(A)		46/44/42	46/44/42	37/35/33	37/35/33	39/37/35
	dB(A)		46/44/42	46/44/42	37/35/33	37/35/33	39/37/35
Connecting pipe	Gas	inch(mm)	Φ3/8(9,52)	Φ1/2(12,7)	Φ3/8(9,52)	Φ1/2(12,7)	Φ5/8(15,9)
	Liquid	inch(mm)	Φ1/4(6,35)	Φ1/4(6,35)	Φ1/4(6,35)	Φ1/4(6,35)	Φ3/8(9,52)
Main Body	Outline	mm	570×570×230	570×570×230	840×840×240	840×840×240	840×840×240
	Package	mm	851×325×731	851×325×731	963×325×963	963×325×963	963×325×963
Net weight/Gross weight	kg		18,0/23,0	18/23	25,0/33,0	25,0/33,0	28,0/35,0
Panel	Outline	mm	650×650×50	650×650×50	950×950×60	950×950×60	950×950×60
	Package	mm	733×117×673	733×117×673	1043×130×1028	1043×130×1028	1043×130×1028
Loading quantity	20'GP	sets	133	133	84	84	84
	40' GP/40' HQ	sets	301/344	301/344	168/192	168/192	168/192

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	8530	11942	17060	24225
	Heating	Btu/h	9556	13136	18766	27296
Power supply	PhV/Hz		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Airflow volume	m ³ /h		650	650	950	1250
	CFM		382,5	382,5	559	736
Sound pressure level (SHH/MH/MLL/SL)	dB(A)		40/38/36	40/38/36	45/42/40	48/46/44
	dB(A)		40/38/36	40/38/36	45/42/40	48/46/44
Connecting pipe	Gas	inch(mm)	Φ3/8(9,52)	Φ3/8(9,52)	Φ1/2(12,7)	Φ5/8(15,9)
	Liquid	inch(mm)	Φ1/4(6,35)	Φ1/4(6,35)	Φ1/4(6,35)	Φ3/8(9,52)
Dimension(WxHxD)	Outline	mm	1220×700×225	1220×700×225	1220×700×225	1220×700×225
	Package	mm	1343×315×823	1343×315×823	1343×315×823	1343×315×823
Net weight/Gross weight	kg		40/50	40/50	40/50	45/54
Loading quantity	20'GP	sets	77	77	77	77
	40' GP/40' HQ	sets	154/176	154/176	154/176	154/176

Console



Model			GEH(09)AA-K3DNA1C/I	GEH(12)AA-K3DNA1C/I	GEH(18)AA-K3DNA1C/I
Capacity	Cooling	Btu/h	8700	11900	18100
	Heating	Btu/h	9600	13000	19800
Power supply	PhV/Hz		1/220-240/50	1/220-240/50	1/220-240/50
Airflow volume	m ³ /h		500	600	650
	CFM		294	353	383
Sound pressure level (SHH/MH/MLL/SL)	dB(A)		40/38/36/33/30/27/25	42/40/38/37/35/32/27	48/46/44/41/37/35/32
	dB(A)		40/38/36/33/30/27/25	42/40/38/37/35/32/27	48/46/44/41/37/35/32
Connecting pipe	Gas	inch(mm)	Φ3/8(9,52)	Φ3/8(9,52)	Φ1/2(12,7)
	Liquid	inch(mm)	Φ1/4(6,35)	Φ1/4(6,35)	Φ1/4(6,35)
Dimension(WxHxD)	Outline	mm	700×215×600	700×215×600	700×215×600
	Package	mm	788×697×283	788×697×283	788×697×283
Net weight/Gross weight	kg		15/18	15/18	15/18
Loading quantity	20'GP	sets	181	181	181
	40' GP/40' HQ	sets	381/454	381/454	381/454

1. The product with * is under development, and the parameters are estimated, please refer to the value on nameplates.
2. GE reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.

Control System Lineup

Controlling system	Product series	Wall-mounted type				Duct type	Cassette type	Floor ceiling type	Console type
		Lomo	Hansol	Cozy	Viola				
Wireless remote controller	YAA1FB1								●
	YT1F(MOTO)			●	●	●	●		
	YAG1FB		●						
	YB1F2 (XFAN)								
Wired controller	YAN1F1(XFAN)	●							
	XK19					●	●	●	
Centralized controller	CE50-24/E					●	●	●	

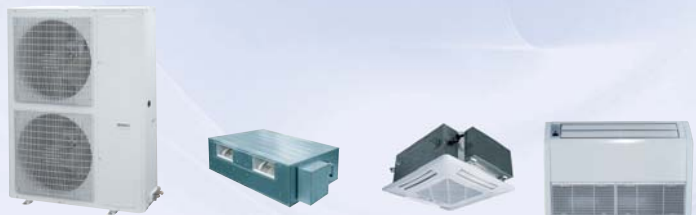
Note: ● means standard, ● means optional.

U-Match



High Efficiency Series

It is a kind of split system that the outdoor unit can be freely connected to different types of indoor units according to various indoor decoration requirements.



- Double ambient temperature sensor design makes a precision temperature monitoring.
- Low start-up current thanks to power delay control design.
- Higher efficiency thanks to sine wave DC inverter compressor control.
- High reliability and easy maintenance thanks to one piece integrated PCB board.
- Stable cooling under -15°C and heating under -10°C outdoor environment temperature.



Indoor Unit

	Duct type	Cassette type	Floor ceiling type
•	Drain pump fitted as optional with increased lift of 1100mm.	Drain pump fitted as standard with increased lift of 1100mm.	3-D air flue design.
•	Fresh air inlet and air valve control function improve the indoor air quality.	Special low noise fan design.	Easy replacement of motor and fan blade thanks to damp block propeller design.
•	Flexible air in/outlet and condensing water outlet direction according to different installation requirements.	Different swing angle design for cooling and heating mode for better comfort.	Different swing angle design for cooling and heating mode for better comfort.
•	Optimized air duct design improves the performance and lower the noise.		

Item	Nominal operating condition (temperature)				Operation range (temperature)	
	Outdoor condition		Indoor condition		Outdoor condition	
	DB (°C)	WB (°C)	DB (°C)	WB (°C)	DB (°C)	
Cooling	35	24	27	19	-15~48	
Heating	7	6	20	-	-10~24	

Indoor Units Lineup

Capacity Index (BTU/h)		9K	12K	18K	24K	30K	
Outdoor Unit	Model	GUHD09NK3FO	GUHD12NK3FO	GUHD18NK3FO	GUHD24NK3FO	GUHD30NK3FO	
	Picture						
Indoor Unit	Duct	Model	GFH09K3FI	GFH12K3FI	GFH18K3FI	GFH24K3FI	GFH30K3FI
		Picture					
	Cassette	Model	---	GKH12K3FI	GKH18K3FI	GKH24K3FI	GKH30K3FI
		Picture	---				
	Floor Ceiling	Model	GTH09K3FI	GTH12K3FI	GTH18K3FI	GTH24K3FI	GTH30K3FI
		Picture					

Capacity Index (BTU/h)		36K	42K	48K	60K				
Outdoor Unit	Model	GUHD36NK3FO	GUHD36NM3FO	GUHD42NK3FO	GUHD42NM3FO	GUHD48NK3FO	GUHD48NM3FO	GUHD60NK3FO	
	Picture								
Indoor Unit	Duct	Model	GFH36K3FI	GFH36K3FI	GFH42K3FI	GFH42K3FI	GFH48K3FI	GFH48K3FI	GFH60K3FI
		Picture							
	Cassette	Model	GKH36K3FI	GKH36K3FI	GKH42K3FI	GKH42K3FI	GKH48K3FI	GKH48K3FI	GKH60K3FI
		Picture							
	Floor Ceiling	Model	GTH36K3FI	GTH36K3FI	GTH42K3FI	GTH42K3FI	GTH48K3FI	GTH48K3FI	GTH60K3FI
		Picture							

Model	Outdoor unit		GUHD09NK3FO			GUHD12NK3FO			
	Indoor unit		Duct GFH09K3FI	Floor Ceiling GTH09K3FI	Duct GFH12K3FI	Cassette GKH12K3FI	Floor Ceiling GTH12K3FI		
Capacity	Cooling	kW	2.7	2.7	3.5	3.5	3.5		
		BTU/h	9212	9212	11942	11942	11942		
	Heating	kW	2.9	2.9	3.8	3.8	3.8		
BTU/h		9895	9895	12966	12966	12966			
SEER/SCOP	W/W		5.6/3.8	6.1/3.8	5.6/4.0	5.6/4.0	6.1/4.0		
Power supply	PhV/Hz		1/220-240/50			1/220-240/50			
Power input	Cooling	kW	0.84	0.84	1.17	1.09	1.09		
	Heating	kW	0.80	0.80	1.05	1.05	1.05		
Current input	Cooling	A	3.9	3.9	5.4	5.0	5.0		
	Heating	A	3.7	3.7	4.9	4.9	4.9		
Refrigerant charge volume	kg		1.2	1.2	1.2	1.2	1.2		
	CFM		383	353	441	412	412		
Indoor unit	Air flow volume(H/M/L)		m³/h		m³/h		m³/h		
	ESP	Rated	Pa	25	—	25	—	—	
		Range	Pa	0-30	—	0-30	—	—	
	Sound pressure level (SH/HML)	dB(A)	36/34/28/26	31/29/26/24	37/36/34/28	46/45/41/36	35/33/30/27		
	Dimension (WxDxH)	Outline	mm	925x665x250	1220x700x225	1037x721x266	596x596x240	1220x700x225	
		Package	mm	1023x748x320	1343x823x315	1123x798x323	773x733x300	1343x823x315	
Net weight/Gross weight		kg	27/32	38/47	33/38	20/24	39/48		
Panel	Dimension (WxDxH)	mm	—	—	—	670x670x50	—		
	Package	mm	—	—	—	763x763x105	—		
	Net weight/Gross weight	kg	—	—	—	3.5/5.0	—		
Outdoor unit	Sound pressure level		dB(A)		dB(A)		dB(A)		
	Dimension (WxDxH)	Outline	mm	848x320x540			848x320x540		
		Package	mm	881x363x595			881x363x595		
Net weight/Gross weight		kg	34/37			34/37			
Connection pipe	Outer diameter	Liquid	inch(mm)	φ14(6.35)		φ14(6.35)			
		Gas	inch(mm)	φ3/8(9.52)		φ3/8(9.52)			
	Max.distance	Height/Length	m	15/20		15/20			
Loading quantity	40°GP/40°HQ		-	126/141	96/112	114/131	127/138	96/112	

Model	Outdoor unit		GUHD30NK3FO			GUHD36NK3FO			
	Indoor unit		Duct GFH30K3FI	Cassette GKH30K3FI	Floor Ceiling GTH30K3FI	Duct GFH36K3FI	Cassette GKH36K3FI	Floor Ceiling GTH36K3FI	
Capacity	Cooling	kW	8.3	8.3	8.5	10.0	10.0	10.0	
		BTU/h	28320	28320	29002	34120	34120	34120	
	Heating	kW	9.2	9.2	9.2	12.0	12.0	12.0	
BTU/h		31390	31390	31390	40944	40944	40944		
SEER/SCOP	W/W		6.1/4.0	6.1/4.0	6.1/4.0	5.8/4.0	6.1/4.0	6.1/4.0	
Power supply	PhV/Hz		1/220-240/50			1/220-240/50			
Power input	Cooling	kW	2.67	2.67	2.67	3.20	3.20	3.20	
	Heating	kW	2.57	2.57	2.57	3.40	3.50	3.40	
Current input	Cooling	A	12.4	12.4	12.4	15.0	15.0	15.0	
	Heating	A	12.0	12.0	12.0	15.5	16.2	15.8	
Refrigerant charge volume	kg		2.4	2.4	2.4	3.5	3.5	3.5	
	CFM		824	883	883	1236	1095	1118	
Indoor unit	Air flow volume(H/M/L)		m³/h		m³/h		m³/h		
	ESP	Rated	Pa	37	—	37	—	—	
		Range	Pa	0-75	—	0-100	—	—	
	Sound pressure level (SH/HML)	dB(A)	47/46/44/40	49/48/45/40	49/46/44/38	53/52/48/44	51/49/46/43	54/53/51/46	
	Dimension (WxDxH)	Outline	mm	1279x558x268	840x840x320	1420x700x245	1226x775x290	840x840x320	1420x700x245
		Package	mm	1348x597x283	963x963x409	1548x828x345	1338x877x305	963x963x409	1548x828x345
Net weight/Gross weight		kg	34/39	31/38	48/56	46/53	31/38	48/56	
Panel	Dimension (WxDxH)	mm	—	950x950x60	—	—	950x950x60	—	
	Package	mm	—	1028x1043x130	—	—	1028x1043x130	—	
	Net weight/Gross weight	kg	—	7.0/11	—	—	7.0/11	—	
Outdoor unit	Sound pressure level		dB(A)		dB(A)		dB(A)		
	Dimension (WxDxH)	Outline	mm	980x427x790			1107x440x1100		
		Package	mm	1083x488x855			1158x493x1235		
Net weight/Gross weight		kg	71/76			92/100			
Connection pipe	Outer diameter	Liquid	inch(mm)	φ3/8(9.52)		φ3/8(9.52)			
		Gas	inch(mm)	φ5/8(15.9)		φ5/8(15.9)			
	Max.distance	Height/Length	m	15/30		15/30			
Loading quantity	40°GP/40°HQ		-	76/89	49/69	57/67	45/60	43/50	
































Model	Outdoor unit		GUHD18NK3FO			GUHD24NK3FO			
	Indoor unit		Duct GFH18K3FI	Cassette GKH18K3FI	Floor Ceiling GTH18K3FI	Duct GFH24K3FI	Cassette GKH24K3FI	Floor Ceiling GTH24K3FI	
Capacity	Cooling	kW	5.0	5.0	5.0	7.0	7.0	7.0	
		BTU/h	17060	17060	17060	23884	23884	23884	
	Heating	kW	5.6	5.5	5.6	8.0	8.0	8.0	
BTU/h		19107	18766	19107	27296	27296	27296		
SEER/SCOP	W/W		5.6/3.8	5.6/3.8	6.1/4.0	6.1/4.0	5.6/4.0	6.1/4.0	
Power supply	PhV/Hz		1/220-240/50			1/220-240/50			
Power input	Cooling	kW	1.55	1.60	1.55	2.18	2.18	2.18	
	Heating	kW	1.55	1.58	1.55	2.21	2.21	2.21	
Current input	Cooling	A	7.5	7.2	7.2	10.1	10.1	10.1	
	Heating	A	7.4	7.6	7.2	10.2	10.2	10.2	
Refrigerant charge volume	kg		1.4	1.4	1.4	2.2	2.2	2.2	
	CFM		589	447	589	824	765	706	
Indoor unit	Air flow volume(H/M/L)		m³/h		m³/h		m³/h		
	ESP	Rated	Pa	25	—	25	—	—	
		Range	Pa	0-30	—	—	0-75	—	
	Sound pressure level (SH/HML)	dB(A)	40/39/36/28	47/46/44/37	44/42/38/32	47/46/44/40	47/46/42/38	49/48/46/40	
	Dimension (WxDxH)	Outline	mm	1037x721x266	596x596x240	1220x700x225	1279x558x268	840x840x320	1220x700x225
		Package	mm	1123x798x323	773x733x300	1343x823x315	1348x597x283	963x963x325	1343x823x315
Net weight/Gross weight		kg	33/38	20/24	39/48	34/39	28/32	40/50	
Panel	Dimension (WxDxH)	mm	—	670x670x50	—	—	950x950x60	—	
	Package	mm	—	763x763x105	—	—	1028x1043x130	—	
	Net weight/Gross weight	kg	—	3.5/5.0	—	—	7.0/11	—	
Outdoor unit	Sound pressure level		dB(A)		dB(A)		dB(A)		
	Dimension (WxDxH)	Outline	mm	955x396x700			980x427x790		
		Package	mm	1029x458x750			1083x488x855		
Net weight/Gross weight		kg	47/50			67/72			
Connection pipe	Outer diameter	Liquid	inch(mm)	φ14(6.35)		φ3/8(9.52)			
		Gas	inch(mm)	φ12(12.7)		φ5/8(15.9)			
	Max.distance	Height/Length	m	15/20		15/30			
Loading quantity	40°GP/40°HQ		-	93/95	95/105	89/97	76/89	64/71	

Model	Outdoor unit		GUHD36NM3FO			GUHD42NK3FO			
	Indoor unit		Duct GFH36K3FI	Cassette GKH36K3FI	Floor Ceiling GTH36K3FI	Duct GFH42K3FI	Cassette GKH42K3FI	Floor Ceiling GTH42K3FI	
Capacity	Cooling	kW	10.0	10.0	10.0	11.5	11.0	11.5	
		BTU/h	34120	34120	34120	39238	37532	39238	
	Heating	kW	12.0	12.0	12.0	15.5	12.5	13.5	
BTU/h		40944	40944	40944	46062	42650	46062		
SEER/SCOP	W/W		5.1/4.0	6.1/4.0	6.1/4.0	5.8/3.8	5.8/4.0	6.1/4.0	
Power supply	PhV/Hz		3/380-415/50			1/220-240/50			
Power input	Cooling	kW	3.12	3.12	3.12	4.0	3.90	3.90	
	Heating	kW	3.32	3.32	3.32	3.90	3.80	3.70	
Current input	Cooling	A	5.4	5.4	5.4	18.6	18.1	18.1	
	Heating	A	5.8	5.8	5.8	18.1	17.6	17.2	
Refrigerant charge volume	kg		3.5	3.5	3.5	3.7	3.7	3.7	
	CFM		1236	1095	1118	1236	1095	1118	
Indoor unit	Air flow volume(H/M/L)		m³/h		m³/h		m³/h		
	ESP	Rated	Pa	37	—	37	—	—	
		Range	Pa	0-100	—	0-100	—	—	
	Sound pressure level (SH/HML)	dB(A)	53/52/48/44	51/49/46/43	54/53/51/46	53/52/48/44	51/49/46/43	55/54/52/47	
	Dimension (WxDxH)	Outline	mm	1226x775x290	840x840x320	1420x700x245	1226x775x290	840x840x320	1420x700x245
		Package	mm	1338x877x305	963x963x409	1548x828x345	1338x877x305	963x963x409	1548x828x345
Net weight/Gross weight		kg	46/53	31/38	48/56	46/53	31/38	50/58	
Panel	Dimension (WxDxH)	mm	—	950x950x60	—	—	950x950x60	—	
	Package	mm	—	1028x1043x130	—	—	1028x1043x130	—	
	Net weight/Gross weight	kg	—	7.0/11	—	—	7.0/11	—	
Outdoor unit	Sound pressure level		dB(A)		dB(A)		dB(A)		
	Dimension (WxDxH)	Outline	mm	1107x440x1100			958x412x1349		
		Package	mm	1158x493x1235			1043x453x1500		
Net weight/Gross weight		kg	98/106			95/105			
Connection pipe	Outer diameter	Liquid	inch(mm)	φ3/8(9.52)		φ3/8(9.52)			
		Gas	inch(mm)	φ5/8(15.9)		φ5/8(15.9)			
	Max.distance	Height/Length	m	15/30		30/50			
Loading quantity	40°GP/40°HQ		-	45/50	43/50	45/56	52/58	45/48	

Model	Outdoor unit		GUHD42NM3FO			GUHD48NK3FO			
	Indoor unit		Duct GFH42K3FI	Cassette GKH42K3FI	Floor Ceiling GTH42K3FI	Duct GFH48K3FI	Cassette GKH48K3FI	Floor Ceiling GTH48K3FI	
Capacity	Cooling	kW	11,5	11,0	11,5	14,0	14,0	14,0	
		BTU/h	39238	37532	39238	47768	47768	47768	
	Heating	kW	13,5	12,5	13,5	15,5	16,0	16,0	
		BTU/h	46062	42650	46062	52886	54592	54592	
SEER/SCOP		WWV	5,6/4,0	6,1/4,0	5,6/4,0	6,1/3,8	6,1/3,8	5,6/3,8	
Power supply		Ph/V/Hz	3/380-415/50			1/220-240/50			
Power input	Cooling	kW	4,0	3,9	3,9	4,7	4,6	4,8	
	Heating	kW	3,9	3,8	3,74	4,4	4,5	4,3	
Current input	Cooling	A	6,9	6,7	6,7	21,8	21,3	22,3	
	Heating	A	6,7	6,6	6,5	20,4	20,8	20,0	
Refrigerant charge volume		kg	3,7	3,7	3,7	4,0	4,0	4,0	
Indoor unit	Air flow volume(H/M/L)	CFM	1236	1095	1118	1412	1354	1354	
		m ³ /h	2100	1860	1900	2400	2300	2300	
	ESP	Rated	Pa	37	—	—	50	—	—
		Range	Pa	0-100	—	—	0-125	—	—
Sound pressure level (SHH/M/L)	dB(A)	53/52/48/44	51/49/46/43	55/54/52/47	55/53/49/45	53/52/47/41	56/55/50/46		
	Dimension (W×D×H)	Outline mm	1226×775×290	840×840×320	1420×700×245	1340×750×350	910×910×290	1700×700×245	
	Package mm	1338×877×305	963×963×409	1548×828×345	1423×837×455	1023×993×375	1828×828×345		
	Net weight/Gross weight	kg	46/53	31/38	50/58	56/65	43/50	59/68	
Panel	Dimension (W×D×H)	Outline mm	—	950×950×60	—	—	1040×1040×65	—	
		Package mm	—	1028×1043×130	—	—	1137×1137×140	—	
	Net weight/Gross weight	kg	—	7,0/11	—	—	8,0/12		
	Sound pressure level	dB(A)	61			59			
Outdoor unit	Dimension (W×D×H)	Outline mm	958×412×1349			958×412×1349			
		Package mm	1043×453×1500			1043×453×1500			
	Net weight/Gross weight	kg	108/118			105/115			
Connection pipe	Outer diameter	Liquid	inch(mm)			φ3/8(9,52)			
		Gas	inch(mm)			φ5/8(15,9)			
	Max.distance	Height/L length	m			30/50			
Loading quantity		40'GP/40'HQ	52/58	45/48	43/47	38/48	43/50	43/47	

Model	Outdoor unit		GUHD48NM3FO			GUHD60NM3FO			
	Indoor unit		Duct GFH48K3FI	Cassette GKH48K3FI	Floor Ceiling GTH48K3FI	Duct GFH60K3FI	Cassette GKH60K3FI	Floor Ceiling GTH60K3FI	
Capacity	Cooling	kW	14,0	14,0	14,0	16,0	16,0	16,0	
		BTU/h	47768	47768	47768	54592	54592	54592	
	Heating	kW	15,5	16,0	16,0	16,5	17,0	17,0	
		BTU/h	52886	54592	54592	56298	58004	58004	
SEER/SCOP		WWV	5,6/3,8	5,6/3,8	5,6/4,0	5,6/3,8	6,1/4,0	5,1/4,0	
Power supply		Ph/V/Hz	3/380-415/50			3/380-415/50			
Power input	Cooling	kW	5,10	5,15	5,0	5,60	5,70	5,75	
	Heating	kW	4,50	4,50	4,50	4,57	4,70	4,70	
Current input	Cooling	A	8,80	8,90	8,60	9,70	9,80	10,0	
	Heating	A	7,80	7,80	7,80	7,90	8,2	8,2	
Refrigerant charge volume		kg	4,0	4,0	4,0	5,0	5,0	5,0	
Indoor unit	Air flow volume(H/M/L)	CFM	1412	1354	1354	1766	1412	1471	
		m ³ /h	2400	2300	2300	3000	2400	2500	
	ESP	Rated	Pa	50	—	—	50	—	—
		Range	Pa	0-125	—	—	0-150	—	—
Sound pressure level (SHH/M/L)	dB(A)	55/53/49/45	53/52/47/41	56/55/50/46	57/56/54/49	55/53/47/41	58/56/52/46		
	Dimension (W×D×H)	Outline mm	1340×750×350	910×910×290	1700×700×245	1340×750×350	910×910×290	1700×700×245	
	Package mm	1423×837×455	1023×993×375	1828×828×345	1423×837×455	1023×993×375	1828×828×345		
	Net weight/Gross weight	kg	56/65	43/50	59/68	57/69	43/50	59/68	
Panel	Dimension (W×D×H)	Outline mm	—	1040×1040×65	—	—	1040×1040×65	—	
		Package mm	—	1137×1137×140	—	—	1137×1137×140	—	
	Net weight/Gross weight	kg	—	8,0/12	—	—	8,0/12		
	Sound pressure level	dB(A)	59			63			
Outdoor unit	Dimension (W×D×H)	Outline mm	958×412×1349			1085×427×1365			
		Package mm	1043×453×1500			1143×478×1505			
	Net weight/Gross weight	kg	114/124			126/138			
Connection pipe	Outer diameter	Liquid	inch(mm)			φ3/8(9,52)			
		Gas	inch(mm)			φ5/8(15,9)			
	Max.distance	Height/L length	m			30/50			
Loading quantity		40'GP/40'HQ	38/48	43/50	43/47	40/40	38/48	39/42	

Control System Lineup

Controlling system	Product series		High efficiency series		
			Duct type	Cassette type	Floor ceiling type
Wireless remote controller	YB1FA				
					
	YAM1FF				
					
Wired controller	Z4K351GJ				
Smart zone controller	CE50-24/E				
	CE52-24/F(C)				
Other modules	Optoelectronic isolated converter	RS232-RS422 V485			

Note: ● means standard, ○ means optional.

Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.