

U-Match



Fixed Frequency Series(Side-discharge)*

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.



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- Double ambient temperature sensor design makes a precision temperature monitoring.
- The outdoor unit is universal, can be matched with cassette, duct type and floor ceiling unit.



Indoor Unit

Duct type	Cassette type	Floor ceiling type
<ul style="list-style-type: none"> • Flexible air inlet and condensing water outlet direction according to different installation requirements. • Optimized air duct design improves the performance and lower the noise. 	<ul style="list-style-type: none"> • Drain pump fitted as standard with increased lift of 1100mm. • Special low noise fan design. • Different swing angle design for cooling and heating mode for better comfort. • All kinds of air freshener can be installed in the filter, such as catechin 	<ul style="list-style-type: none"> • 3-D air flue design. • Easy replacement of motor and fan blade thanks to clamp block propeller design. • Different swing angle design for cooling and heating mode for better comfort.

Item	Normal 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°C~43°C
Heating	7	6	20	15	-15°C~24°C

*All product models of this series are not fit for EU.

Units Lineup

Capacity Index (Btu/h)	18K	24K	30K	36K	
Outdoor Unit					
Indoor Unit	Duct				
	Cassette				
	Floor Ceiling				

Capacity Index (Btu/h)	42K	48K	60K	
Outdoor Unit				
Indoor Unit	Duct			
	Cassette			
	Floor Ceiling			

Model	Outdoor Unit		GUHN18MK3HO			GUHN24MK3HO		
	Indoor Unit		Duct	Cassette	Floor Ceiling	Duct	Cassette	Floor Ceiling
	GFH18K3H		GH18K3H	GT18K3H	GFH24K3H	GH24K3H	GT24K3H	
Capacity	Cooling	W	5000	5000	7000	7000	7000	7000
	Heating	Btu/h	17100	17100	18800	23900	23900	24600
		W	5400	5400	5700	7400	7600	8200
EER/COP	Ph.Vol.2		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
	Power Supply	W	18400	18400	19400	25200	25900	28000
	Heating	Btu/h	18400	18400	19400	25200	25900	28000
Power Input	Cooling	kW	2	2	2.5	2.5	2.5	2.5
	Heating	kW	1.9	1.9	2	2.3	2.4	2.4
	Heating	A	9.2	9.2	10.9	10.9	11.4	11.4
Refrigerant charge volume	AT Flow volume (SH/H/M/L)	m ³	1.3	1.3	1.5	1.5	1.5	1.5
	ESP	Range	Pa	0	0	25	0	0
	Stand Pressure Level (dB(A))	dB(A)	36/23/20/29	50/49/47/46	40/27/23/23	41/38/34/32	49/44/41/46	48/46/44/40
Indoor Unit	Dimensions (WxDxH)	mm	1015*720*275	665*595*240	1200*235*665	1260*555*270	840*840*240	1200*235*665
	Net Weight/Gross Weight	kg	31/37	20/25	31/38	33/38	27/35	32/39
	Package	mm	1120*795*308	775*735*285	1360*285*767	1345*594*268	960*960*310	1360*285*767
Panel	Dimensions (WxDxH)	mm	670*670*50	760*760*90	-	-	1030*1035*118	-
	Stand Pressure Level (dB(A))	dB(A)	59	59	59	54	54	54
	Package	mm	955*955*700	955*955*700	1026*455*735	1026*455*735	1026*455*735	1026*455*735
Outdoor Unit	Dimensions (WxDxH)	mm	1026*455*735	1026*455*735	1026*455*735	1026*455*735	1026*455*735	1026*455*735
	Net Weight/Gross Weight	kg	53/58	53/58	61/66	61/66	61/66	61/66
	Package	mm	1155*480*1115	1155*480*1115	1155*480*1115	1155*480*1115	1155*480*1115	1155*480*1115
Connection Pipe	Outer diameter	inch	1/4	1/4	1/4	3/8	3/8	3/8
	Max. distance	m	15/25	15/25	15/30	15/30	15/30	15/30
	Height/Length	m	15/25	15/25	15/30	15/30	15/30	15/30
Loading quantity	40 GP/40 HQ	set	84/99	97/108	89/97	102/113	60/67	89/97

Model	Outdoor Unit		GUHN24MK3HO			GUHN48MK3HO		
	Indoor Unit		Duct	Cassette	Floor Ceiling	Duct	Cassette	Floor Ceiling
	GFH24K3H		GH24K3H	GT24K3H	GFH48K3H	GH48K3H	GT48K3H	
Capacity	Cooling	W	12000	12000	12000	14100	14100	14200
	Heating	Btu/h	40900	40900	40900	48100	48100	48500
		W	13500	13500	13200	15200	15200	16000
EER/COP	Ph.Vol.2		3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50
	Power Supply	W	46100	46100	45600	51900	51900	54600
	Heating	Btu/h	46100	46100	45600	51900	51900	54600
Power Input	Cooling	kW	4.4	4.2	4.3	5	4.8	5
	Heating	kW	4.05	4	4.1	4.7	4.5	4.7
	Heating	A	8.5	8	8	10.7	9.3	10
Refrigerant charge volume	AT Flow volume (SH/H/M/L)	m ³	3.3	3.3	3.3	3.7	3.7	3.7
	ESP	Range	Pa	0	0	0	0	0
	Stand Pressure Level (dB(A))	dB(A)	51/48/46/44	52/47/46/43	52/51/50/49	53/52/50/50	52/47/46/43	56/55/53/52
Indoor Unit	Dimensions (WxDxH)	mm	1230*790*290	840*840*320	1200*235*665	1230*790*290	840*840*320	1570*235*665
	Net Weight/Gross Weight	kg	46/52	32/41	38/45	53/60	33/42	46/53
	Package	mm	1335*834*290	960*960*394	1360*285*767	1335*834*290	960*960*394	1726*285*767
Panel	Dimensions (WxDxH)	mm	960*950*60	1030*1035*118	-	-	1030*1035*118	-
	Stand Pressure Level (dB(A))	dB(A)	60	60	60	60	60	60
	Package	mm	1155*480*1115	1155*480*1115	1155*480*1115	1155*480*1115	1155*480*1115	1155*480*1115
Outdoor Unit	Dimensions (WxDxH)	mm	1155*480*1115	1155*480*1115	1155*480*1115	1155*480*1115	1155*480*1115	1155*480*1115
	Net Weight/Gross Weight	kg	100/112	100/112	103/115	103/115	103/115	103/115
	Package	mm	1220*440*1100	1220*440*1100	1220*440*1100	1220*440*1100	1220*440*1100	1220*440*1100
Connection Pipe	Outer diameter	inch	1/2	1/2	1/2	1/2	1/2	1/2
	Max. distance	m	30/50	30/50	30/50	30/50	30/50	30/50
	Height/Length	m	30/50	30/50	30/50	30/50	30/50	30/50
Loading quantity	40 GP/40 HQ	set	48/61	40/50	48/63	48/61	40/50	44/58

Model	Outdoor Unit		GUHN30MK3HO			GUHN36MK3HO		
	Indoor Unit		Duct	Cassette	Floor Ceiling	Duct	Cassette	Floor Ceiling
	GFH30K3H		GH30K3H	GT30K3H	GFH36K3H	GH36K3H	GT36K3H	
Capacity	Cooling	W	8300	8300	10000	10000	10000	10600
	Heating	Btu/h	28300	29000	29000	34100	34100	36200
		W	8800	9000	9800	11500	11500	12000
EER/COP	Ph.Vol.2		1/220-240/50	1/220-240/50	1/220-240/50	3/380-415/50	3/380-415/50	3/380-415/50
	Power Supply	W	30700	31400	33400	39200	39200	40900
	Heating	Btu/h	30700	31400	33400	39200	39200	40900
Power Input	Cooling	kW	2.8	2.7	2.8	3.6	3.5	3.6
	Heating	kW	2.7	2.6	2.8	3.3	3.3	3.6
	Heating	A	11.5	11	11.8	8	8	8
Refrigerant charge volume	AT Flow volume (SH/H/M/L)	kg	1.8	1.8	1.8	2.2	2.2	2.2
	ESP	Range	Pa	0	0	0	37	0
	Stand Pressure Level (dB(A))	dB(A)	48/46/45/44	51/50/49/48	50/48/46/43	51/49/46/44	52/47/46/43	52/51/50/49
Indoor Unit	Dimensions (WxDxH)	mm	1260*555*270	840*840*240	1200*235*665	1230*790*290	840*840*320	1200*235*665
	Net Weight/Gross Weight	kg	34/39	27/35	32/39	46/52	32/41	36/43
	Package	mm	1345*594*268	960*960*310	1360*285*767	1335*834*290	960*960*394	1360*285*767
Panel	Dimensions (WxDxH)	mm	960*950*60	1030*1035*118	-	-	1030*1035*118	-
	Stand Pressure Level (dB(A))	dB(A)	59	59	59	60	60	60
	Package	mm	1080*485*860	1080*485*860	1080*485*860	1080*485*860	1080*485*860	1080*485*860
Outdoor Unit	Dimensions (WxDxH)	mm	1080*485*860	1080*485*860	1080*485*860	1080*485*860	1080*485*860	1080*485*860
	Net Weight/Gross Weight	kg	69/74	69/74	69/74	69/74	69/74	69/74
	Package	mm	1220*440*1100	1220*440*1100	1220*440*1100	1220*440*1100	1220*440*1100	1220*440*1100
Connection Pipe	Outer diameter	inch	3/8	3/8	3/8	3/8	3/8	3/8
	Max. distance	m	15/30	15/30	15/30	15/30	15/30	15/30
	Height/Length	m	15/30	15/30	15/30	15/30	15/30	15/30
Loading quantity	40 GP/40 HQ	set	80/96	56/61	74/87	65/80	51/56	74/87

Model	Outdoor Unit		GUHN36MK3HO			GUHN48MK3HO		
	Indoor Unit		Duct	Cassette	Floor Ceiling	Duct	Cassette	Floor Ceiling
	GFH36K3H		GH36K3H	GT36K3H	GFH48K3H	GH48K3H	GT48K3H	
Capacity	Cooling	W	16000	16000	15000	18000	18000	18000
	Heating	Btu/h	54600	54600	51200	59000	59000	62000
		W	18000	18000	16800	19000	19000	20000
EER/COP	Ph.Vol.2		3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50
	Power Supply	W	61400	61400	57900	64600	64600	67900
	Heating	Btu/h	61400	61400	57900	64600	64600	67900
Power Input	Cooling	kW	5.6	5.5	5.3	6.5	6.5	6.5
	Heating	kW	5.2	5.2	5.2	6.1	6.1	6.1
	Heating	A	11.3	11.3	10.3	10.3	10.3	10.3
Refrigerant charge volume	AT Flow volume (SH/H/M/L)	kg	4.1	4.1	4.1	4.1	4.1	4.1
	ESP	Range	Pa	0	0	0	0	0
	Stand Pressure Level (dB(A))	dB(A)	56/52/49/49	53/51/49/47	53/51/50/49	56/55/53/52	56/55/53/52	56/55/53/52
Indoor Unit	Dimensions (WxDxH)	mm	1235*830*330	840*840*320	1200*235*665	1235*830*330	840*840*320	1570*235*665
	Net Weight/Gross Weight	kg	56/64	37/46	37/46	56/64	37/46	37/46
	Package	mm	1335*834*290	960*960*394	1360*285*767	1335*834*290	960*960*394	1726*285*767
Panel	Dimensions (WxDxH)	mm	960*950*60	1030*1035*118	-	-	1030*1035*118	-
	Stand Pressure Level (dB(A))	dB(A)	61	61	61	61	61	61
	Package	mm	1024*440*1380	1024*440*1380	1024*440*1380	1024*440*1380	1024*440*1380	1024*440*1380
Outdoor Unit	Dimensions (WxDxH)	mm	1024*440*1380	1024*440*1380	1024*440*1380	1024*440*1380	1024*440*1380	1024*440*1380
	Net Weight/Gross Weight	kg	118/129	118/129	118/129	118/129	118/129	118/129
	Package	mm	1220*440*1100	1220*440*1100	1220*440*1100	1220*440*1100	1220*440*1100	1220*440*1100
Connection Pipe	Outer diameter	inch	1/2	1/2	1/2	1/2	1/2	1/2
	Max. distance	m	30/50	30/50	30/50	30/50	30/50	30/50
	Height/Length	m	30/50	30/50	30/50	30/50	30/50	30/50
Loading quantity	40 GP/40 HQ	set	48/56	46/54	46/54	48/56	45/51	

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

Control System Lineup

Controlling System	Model	Outlook	Duct	Cassette	Floor Ceiling
Wired Controller	Z4K351J		●	○	○
Wireless Remote Controller	YB1FA		○	●	●
Smart Zone Controller	CE50-24-E		○	○	○

Note:
 ● means standard, ○ means optional.

