

U-Match

R410A

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.



- 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
• Flexible air in/outlet and condensing water outlet direction according to different installation requirements. • Optimized air duct design improves the performance and lower the noise.	• 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	• 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		
	DB (°C)	WB (°C)	DB (°C)	WB (°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					
	Duct				
	Cassette				
	Floor Ceiling				

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

Model	Outdoor Unit		GUH118M3HO						GUH124M3HO					
	Indoor Unit		Duct		Cassette		Floor Ceiling		Duct		Cassette		Floor Ceiling	
			GPH18K3H		GKH18K3H		GTH18K3H		GPH24K3H		GKH24K3H		GTH24K3H	
Capacity	Cooling	W	5000		5000		5000		7000		7000		7200	
		Btu/h	17100		17100		18800		23900		23900		24600	
		W	5400		5700		5700		7600		7600		8300	
Power Supply	Heating	Btu/h	18400		18400		19400		25200		25200		28000	
		W/W	250/284		250/284		275/285		280/322		280/330		288/342	
		Ph.Volt	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 Input	Cooling	kW	2		2		2		2.5		2.5		2.5	
		W	1.9		1.9		2		2.3		2.3		2.4	
		Heating	9.2		9.2		9.2		10.9		10.9		11.4	
Current Input	Cooling	A	4.2		4.2		4.2		5.5		5.5		5.5	
		W	8.6		8.6		8.6		9.5		9.5		11.1	
		Heating	13		13		13		15		15		15	
Refrigerant charge volume	kg	mm	1.3		1.3		1.3		1.5		1.5		1.5	
		ft³	0.046		0.046		0.046		0.054		0.054		0.054	
		lb	2.87		2.87		2.87		3.41		3.41		3.41	
Indoor Unit	ESP	Range	Pa		0		0		25		0		0	
		Pa	0-30		0		0		0-30		0		0	
		dB(A)	36/31/20/29		50/48/41/46		40/37/35/33		41/38/34/32		49/46/41/46		48/46/44/40	
Panel	Ductless	Outdoor	mm		1015×720×275		665×595×240		1200×235×665		1260×555×270		840×840×240	
		Package	mm		1120×795×308		775×735×285		1360×285×767		1345×594×268		960×960×310	
		Net Weight/Gross Weight	kg		31/37		20/25		31/38		27/35		32/39	
Outdoor Unit	Ductless	Outdoor	mm		670×670×50		760×760×90		950×950×60		1030×1035×118		-	
		Package	mm		-		760×760×90		950×950×60		1030×1035×118		-	
		Net Weight/Gross Weight	kg		-		3.5/5.0		-		7/11		-	
Connection Pipe	Max. distance	Height/Length	m		15/25		15/25		15/30		15/30		15/30	
		Height/Length	m		15/25		15/25		15/30		15/30		15/30	
		Height/Length	m		15/25		15/25		15/30		15/30		15/30	
Loading quantity	40 GP40 HQ	set	84/99		97/108		89/97		102/113		60/67		89/97	
		set	84/99		97/108		89/97		102/113		60/67		89/97	
		set	84/99		97/108		89/97		102/113		60/67		89/97	

Model	Outdoor Unit		GUH130M3HO						GUH136M3HO					
	Cooling	Indoor Unit	Duct		Cassette		Floor Ceiling		Duct		Cassette		Floor Ceiling	
			GPH30K3H	GKH30K3H	GKH30K3H	GTH30K3H	GPH36K3H	GKH36K3H	GTH36K3H					
Capacity	Cooling	W	8300		8500		8500		10000		10000		10600	
		Btu/h	28300		29000		29000		34100		34100		36200	
		W	8800		9000		9000		11500		11500		11800	
Power Supply	Heating	Btu/h	30000		30700		30700		39200		39200		40900	
		W	296/326		315/346		3.04/3.50		2.78/3.48		2.86/3.48		2.94/3.28	
		Ph.Volt	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 Input	Cooling	kW	2.8		2.7		2.8		3.6		3.5		3.6	
		W	2.7		2.6		2.8		3.3		3.3		3.6	
		Heating	11.5		11		11.8		8		8		8	
Current Input	Cooling	A	11		10		12.5		7.5		7.5		7.5	
		W	22.2		22.2		22.2		17.3		17.3		17.3	
		Heating	25.5		25.5		25.5		17.3		17.3		17.3	
Refrigerant charge volume	kg	mm	1.8		1.8		1.8		2.2		2.2		2.2	
		ft³	0.064		0.064		0.064		0.078		0.078		0.078	
		lb	3.97		3.97		3.97		4.85		4.85		4.85	
Indoor Unit	ESP	Range	Pa		0		0		0		0		0	
		Pa	0-50		0		0		0-75		0		0	
		dB(A)	46/45/45/44		51/50/49/48		50/48/46/43		52/46/44/43		52/51/50/49		56/55/53/52	
Panel	Ductless	Outdoor	mm		1260×555×270		840×840×240		1200×235×665		1260×555×270		840×840×240	
		Package	mm		1345×594×268		960×960×310		1360×285×767		1335×834×290		960×960×310	
		Net Weight/Gross Weight	kg		34/39		27/35		32/39		46/52		32/39	
Outdoor Unit	Ductless	Outdoor	mm		980×425×790		980×425×790		980×425×790		980×425×790		980×425×790	
		Package	mm		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	
Connection Pipe	Max. distance	Height/Length	m		15/30		15/30		15/30		15/30		15/30	
		Weight	kg		80/96		56/61		54/57		53/58		51/56	
		Load capacity	kg		80/96		56/61		54/57		53/58		51/56	

Control System Lineup

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

Note:
● means standard, ○ means optional.

