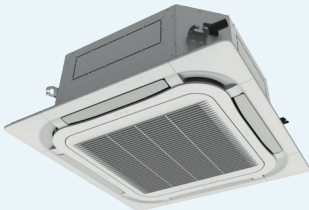
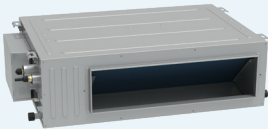


U-Match

Fixed-Frequency Series(Cooling Only)

R410A

It is a kind of split system that the outdoor unit can be connected to various indoor units (duct, cassette or floor ceiling type) with cooling capacity from 2.6kW to 16kW.





Quality motor

Inner groove copper

Auto clean

Self-diagnosis

Easier maintainability

High ESP

Wide voltage range

Wide operation range

- The design of double ambient temperature sensors makes precision temperature monitoring.
- With low ambient temperature cooling function, cooling is normal at 5°C.
- The outdoor unit is universal and can be matched with duct, cassette and floor ceiling type indoor units.
- The unit is designed with smaller dimension, and the body weight of the whole series is less than 96kg, which is easy for installation and transportation.

Indoor Unit

Duct type

- Fresh air inlet and air valve control function improve the indoor air quality.
- Flexible air inlet/outlet and condensing water outlet direction based on different installation requirements.
- Optimized air duct design improves the performance and lowers the noise.
- Built-in drain pump with increased lift of 1000mm.
- High ESP design, max ESP is up to 200 Pa.

Cassette type

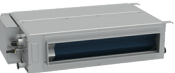
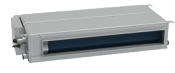
- Drain pump filled as standard with increased lift of 1000mm.
- Special low noise fan design.
- Equipped with 360° air discharge panel, providing more comfortable air supply.

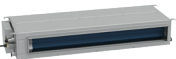
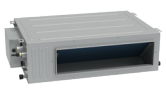
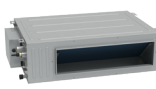
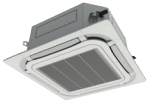
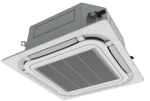
Floor ceiling type

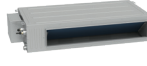
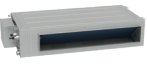
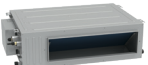
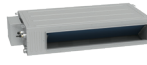
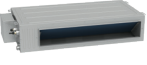
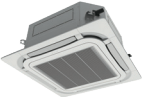
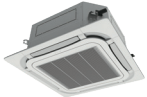
- 3D air flue design.
- Modern and elegant appearance.
- Four levels of fan speed.
- Wide swing angles.

Item	Nominal operating condition (temperature)				Operating range (temperature)
	Outdoor condition		Indoor condition		
	DB(°C)	WB(°C)	DB(°C)	WB(°C)	DB(°C)
Cooling	35	24	27	19	5~48

Units Lineup

Capacity index		26	35	50
Outdoor unit				
Indoor unit	Duct			
	High ESP duct	—	—	
	Cassette	—	—	
	Floor ceiling	—	—	

Capacity index		71	85	100
Outdoor unit				
Indoor unit	Duct			
	High ESP duct			
	Cassette			
	Floor ceiling			

Capacity index		125	140	160
Outdoor unit				
Indoor unit	Duct			
	High ESP duct			
	Cassette			
	Floor ceiling			

Specifications

Model	Outdoor unit		GUL26W/A-K		GUL35W/A-K		
	Indoor unit		Duct	Duct	Duct	Duct	
			GU26P/A-K	GU26PS/A-K	GU35P/A-K	GU35PS/A-K	
Capacity	Cooling	kW	2.73	2.73	3.55	3.55	
		Btu/h	9300	9300	12100	12100	
EER		W/W	3.17	3.17	3.09	3.09	
Power supply		V/Ph/Hz	220-240V ~50Hz				
Power input	Cooling	kW	0.86	0.86	1.15	1.15	
Current input	Cooling	A	3.85	3.85	5.00	5.00	
Refrigerant charge volume		kg	0.52	0.52	0.52	0.52	
Indoor unit	Air flow volume		CFM	294	294	353	353
			m³/h	500	500	600	600
	ESP	Rated	Pa	25	25	25	25
		Range	Pa	0-60	0-60	0-60	0-60
	Sound pressure level		dB(A)	37	37	38	38
	Dimension (W×D×H)		Outline	mm	700×450×200	700×450×200	700×450×200
		Package	mm	1008×568×275	1008×568×275	1008×568×275	1008×568×275
Net weight/Gross weight		kg	18.0/23.0	19.0/24.0	18.0/23.0	19.0/24.0	
Panel	Dimension (W×D×H)		Outline	mm	-	-	-
			Package	mm	-	-	-
	Net weight/Gross weight		kg	-	-	-	-
Outdoor unit	Dimension (W×D×H)		Outline	mm	712×256×548	712×256×548	712×256×548
			Package	mm	823×358×595	823×358×595	823×358×595
	Net weight/Gross weight		kg	27.0/29.0	27.0/29.0	28.0/30.0	28.0/30.0
Connection pipe	Outdoor diameter	Liquid	inch(mm)	Φ1/4(6)	Φ1/4(6)	Φ1/4(6)	Φ1/4(6)
		Gas	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ1/2(12)	Φ1/2(12)
	Max. distance	Height	m	10	10	10	10
		Length	m	20	20	20	20
Loading quantity	40'GP/40'HQ		unit	181/204	181/204	181/204	181/204

Model	Outdoor unit			GUL50W/A-K					
	Indoor unit			Duct	Duct with water pump	High ESP duct	Cassette	Cassette	Floor ceiling
				GU50P/A-K	GU50PS/A-K	GUD50PHS/A-K	GUD50T/A-K	GU50T/A-K	GU50ZD/A-K
Capacity	Cooling	kW	5	5	5	4.9	5.36	5	
		Btu/h	17100	17100	17100	16700	18300	17100	
EER		W	3.13	3.13	3.13	3.06	3.35	3.03	
Power supply		V/Ph/Hz	220-240V ~50Hz						
Power input	Cooling	kW	1.60	1.60	1.60	1.60	1.60	1.65	
Current input	Cooling	A	7.5	7.5	7.5	7.5	7.5	7.7	
Refrigerant charge volume		kg	0.9	0.9	0.9	0.9	0.9	0.9	
Indoor unit	Air flow volume		CFM	383	383	530	412	765	412
			m³/h	650	650	900	700	1300	700
	ESP	Rated	Pa	25	25	25	0	0	0
		Range	Pa	0-60	0-60	0-100	0	0	0
	Sound pressure level (SH/H/M/L)		dB(A)	33/30/27/25	33/30/27/25	41/37/33/31	44/43/38/35	45/42/39/35	41/40/37/33
	Dimension (W × D × H)	Outline	mm	1000 × 450 × 200	1000 × 450 × 200	700 × 700 × 300	570 × 570 × 265	840 × 840 × 200	870 × 665 × 235
		Package	mm	1308 × 568 × 275	1308 × 568 × 275	897 × 808 × 360	698 × 653 × 295	943 × 923 × 245	1033 × 770 × 300
	Net weight/Gross weight		kg	24.0/29.0	25.0/30.0	32.0/37.0	17.0/21.0	23.0/30.0	25.0/30.0
Panel	Dimension (W × D × H)	Outline	mm	-	-	-	620 × 620 × 47.5	950 × 950 × 52	-
		Package	mm	-	-	-	701 × 701 × 125	1033 × 1020 × 110	-
	Net weight/Gross weight		kg	-	-	-	3/4.5	6/9.5	-
Outdoor unit	Dimension (W × D × H)	Outline	mm	761 × 256 × 548	761 × 256 × 548	761 × 256 × 548	761 × 256 × 548	950 × 950 × 52	761 × 256 × 548
		Package	mm	881 × 363 × 595	881 × 363 × 595	881 × 363 × 595	881 × 363 × 595	1033 × 1020 × 110	881 × 363 × 595
	Net weight/Gross weight		kg	37.0/39.5	37.0/39.5	37.0/39.5	37.0/39.5	6.0/9.5	37.0/39.5
Connection pipe	Outdoor diameter	Liquid	inch(mm)	Φ1/4(6.35)					
		Gas	inch(mm)	Φ1/2(12.7)					
	Max. distance	Height	m	15	15	15	15	15	15
		Length	m	30	30	30	30	30	30
Loading quantity		40'GP/40'HQ	unit	154/176	154/176	119/140	150/174	106/125	126/146

Model	Outdoor unit		GUL71W/A-K					
	Indoor unit		Duct	Duct with water pump	High ESP duct	Cassette	Floor ceiling	
			GU71P/A-K	GU71PS/A-K	GUD71PHS/A-K	GU71T/A-K	GU71ZD/A-K	
Capacity	Cooling	kW	7.10	7.10	7.20	7.10	7.10	
		Btu/h	24200	24200	24600	24200	24200	
EER		W	3.02	3.02	3.00	3.02	2.96	
Power supply		V/Ph/Hz	220-240V ~50Hz					
Power input	Cooling	kW	2.35	2.35	2.40	2.35	2.40	
Current input	Cooling	A	10.7	10.7	10.9	10.7	10.9	
Refrigerant charge volume		kg	1.5	1.5	1.5	1.5	1.5	
Indoor unit	Air flow volume		CFM	736	736	736	824	
			m³/h	1250	1250	1250	1400	
	ESP	Rated	Pa	25	25	25	0	0
		Range	Pa	0-80	0-80	0-100	0	0
	Sound pressure level (SH/H/M/L)		dB(A)	40/37/33/31	40/37/33/31	48/46/44/41	46/45/42/39	47/46/44/41
	Dimension (W×D×H)	Outline	mm	1300×450×220	1300×450×220	700×700×300	840×840×240	1200×665×235
		Package	mm	1628×578×300	1628×578×300	897×808×360	933×903×272	1363×770×300
Net weight/Gross weight		kg	31.0/37.0	32.0/38.0	33.0/38.0	30.0/37.0	33.0/39.0	
Panel	Dimension (W×D×H)	Outline	mm	-	-	-	950×950×52	-
		Package	mm	-	-	-	1033×1020×110	-
	Net weight/Gross weight		kg	-	-	-	6/9.5	-
Outdoor unit	Dimension (W×D×H)	Outline	mm	892×340×698	892×340×698	892×340×698	892×340×698	892×340×698
		Package	mm	1029×458×750	1029×458×750	1029×458×750	1029×458×750	1029×458×750
	Net weight/Gross weight		kg	53.0/57.0	53.0/57.0	53.0/57.0	53.0/57.0	53.0/57.0
Connection pipe	Outdoor diameter	Liquid	inch(mm)	Φ3/8(9.52)				
		Gas	inch(mm)	Φ5/8(15.9)				
	Max. distance	Height	m	15	15	15	15	15
		Length	m	30	30	30	30	30
Loading quantity		40"GP/40"HQ	unit	93/105	93/105	93/106	81/93	90/98

Specifications

Model	Outdoor unit			GUL85W/A-K*				
	Indoor unit			Duct	Duct	High ESP duct	Cassette	Duct
				GU85PH/A-K*	GU85PHS/A-K*	GUD85PHS/A-K*	GU85T/A-K*	GU85ZD/A-K*
Capacity	Cooling	kW		8.8	8.8	8.8	8.8	8.7
		Btu/h		30000	30000	30000	29000	29700
EER		W/W		3.14	3.14	3.20	3.26	3.22
Power supply			V/Ph/Hz	220-240V ~50Hz				
Power input	Cooling	kW		2.80	2.80	2.75	2.70	2.70
Current input	Cooling	A		12.2	12.2	12.0	11.7	11.7
Refrigerant charge volume		kg		1.8	1.8	1.8	1.8	1.8
Indoor unit	Air flow volume		CFM	765	765	941	794	883
			m³/h	1300	1300	1600	1350	1500
	ESP	Rated	Pa	37	37	37	-	-
		Range	Pa	0-100	0-100	0-150	-	-
	Sound Pressure Level (SS/H/M/L)		dB(A)	46/40/38/35	46/40/38/35	43/41/38/36	48/46/43/39	49/46/45/43
	Dimension (W×D×H)	Outline	mm	900×655×260	900×655×260	1000×700×300	840×840×200	1200*662*235
		Package	mm	1115×772×320	1115×772×320	1205×813×360	943×923×245	1363*770*300
	Net weight/Gross weight		kg	29.0/34.0	30.0/35.0	42.0/48.0	24.0/31.0	33.0/39.0
Panel	Dimension (W×D×H)	Outline	mm	-	-	-	950×950×52	-
		Package	mm	-	-	-	1033×1020×110	-
	Net weight/Gross weight		kg	-	-	-	6/9.5	-
Outdoor unit	Dimension (W×D×H)	Outline	mm	892×340×698	892×340×698	892×340×698	892×340×698	892*340*698
		Package	mm	1029×458×750	1029×458×750	1029×458×750	1029×458×750	1029*458*750
	Net weight/Gross weight		kg	59.0/63.0	59.0/63.0	59.0/63.0	59.0/63.0	59.0/63.0
Connection pipe	Outdoor diameter	Liquid	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)
		Gas	inch(mm)	Φ5/8(16)	Φ5/8(16)	Φ5/8(16)	Φ5/8(16)	Φ5/8(16)
	Max. distance	Height	m	15	15	15	15	15
		Length	m	30	30	30	30	30
Loading quantity	40'GP/40'HQ		unit	96/109	96/109	81/93	86/94	90*98

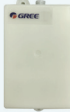
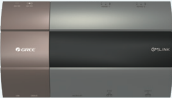
Model	Outdoor unit			GUL125W/A-M				
	Indoor unit			Duct	Duct with water pump	High ESP duct	Cassette	Floor ceiling
				GU125PH/A-K	GU125PHS/A-K	GUD125PHS/A-K	GU125T/A-K	GU125ZD/A-K
Capacity	Cooling	kW		12.0	12.0	12.5	12.0	12.0
		Btu/h		40900	40900	42700	40900	40900
EER		W		2.82	2.82	2.94	2.89	2.93
Power supply			V/Ph/Hz	380-415V 3N~ 50Hz				
Power input	Cooling	kW		4.25	4.25	4.25	4.15	4.10
Current input	Cooling	A		9.0	9.0	9.0	8.8	8.7
Refrigerant charge volume		kg		2.55	2.55	2.55	2.55	2.55
Indoor unit	Air flow volume		CFM	1000	1000	1177	942	1000
			m³/h	1700	1700	2000	1600	1700
	ESP	Rated	Pa	37	37	37	0	0
		Range	Pa	0-100	0-100	0-150	0	0
	Sound pressure level (SH/H/M/L)		dB(A)	44/41/38/35	44/41/38/35	46/44/41/40	52/50/49/47	51/50/49/48
	Dimension (W×D×H)	Outline	mm	1000×700×300	1000×700×300	1000×700×300	840×840×240	1200×665×235
		Package	mm	1205×813×360	1205×813×360	1205×813×360	933×903×272	1363×770×300
	Net weight/Gross weight		kg	41.0/47.0	42.0/48.0	43.0/49.0	33.0/40.0	37.0/43.0
Panel	Dimension (W×D×H)	Outline	mm	-	-	-	950×950×52	-
		Package	mm	-	-	-	1033×1020×110	-
	Net weight/Gross weight		kg	-	-	-	6/9.5	-
Outdoor unit	Dimension (W×D×H)	Outline	mm	940×460×820	940×460×820	940×460×820	940×460×820	940×460×820
		Package	mm	1083×573×973	1083×573×973	1083×573×973	1083×573×973	1083×573×973
	Net weight/Gross weight		kg	93.0/103.0	93.0/103.0	93.0/103.0	93.0/103.0	93.0/103.0
Connection pipe	Outdoor diameter	Liquid	inch(mm)	Φ3/8(9.52)				
		Gas	inch(mm)	Φ5/8(15.9)				
	Max. distance	Height	m	30	30	30	30	30
		Length	m	50	50	50	50	50
Loading quantity	40'GP/40'HQ		unit	60/62	60/62	60/62	68/79	61/72

Model	Outdoor unit			GUL100W/A-M				
	Indoor unit			Duct	Duct with water pump	High ESP duct	Cassette	Floor ceiling
				GU100PH/A-K	GU100PHS/A-K	GUD100PHS/A-K	GU100T/A-K	GU100ZD/A-K
Capacity	Cooling	kW		10.30	10.30	10.50	10.30	10.30
		Btu/h		35100	35100	35800	35100	35100
EER		W		2.94	2.94	3.00	2.94	2.94
Power supply			V/Ph/Hz	380-415V 3N~ 50Hz				
Power input	Cooling	kW		3.5	3.5	3.5	3.5	3.5
Current input	Cooling	A		7.0	7.0	6.9	7.0	7.0
Refrigerant charge volume		kg		2.2	2.2	2.2	2.2	2.2
Indoor unit	Air flow volume		CFM	971	971	1059	942	1000
			m³/h	1650	1650	1800	1600	1700
	ESP	Rated	Pa	37	37	37	0	0
		Range	Pa	0-100	0-100	0-150	0	0
	Sound pressure level (SH/H/M/L)		dB(A)	44/42/38/35	44/42/38/35	44/41/38/36	52/50/48/45	51/50/49/48
	Dimension (W×D×H)	Outline	mm	1000×700×300	1000×700×300	1000×700×300	840×840×240	1200×665×235
		Package	mm	1205×813×360	1205×813×360	1205×813×360	933×903×272	1363×770×300
	Net weight/Gross weight		kg	40.0/46.0	41.0/47.0	42.0/48.0	30.0/37.0	36.0/42.0
Panel	Dimension (W×D×H)	Outline	mm	-	-	-	950×950×52	-
		Package	mm	-	-	-	1033×1038×112	-
	Net weight/Gross weight		kg	-	-	-	6/9.5	-
Outdoor unit	Dimension (W×D×H)	Outline	mm	920×370×790	920×370×790	920×370×790	920×370×790	920×370×790
		Package	mm	1083×488×875	1083×488×875	1083×488×875	1083×488×875	1083×488×875
	Net weight/Gross weight		kg	68.0/73.0	68.0/73.0	68.0/73.0	68.0/73.0	68.0/73.0
Connection pipe	Outdoor diameter	Liquid	inch(mm)	Φ3/8(9.52)				
		Gas	inch(mm)	Φ5/8(15.9)				
	Max. distance	Height	m	20	20	20	20	20
		Length	m	30	30	30	30	30
Loading quantity	40'GP/40'HQ		unit	69/84	69/84	69/84	68/79	74/87

Model	Outdoor unit			GUL140W/A-M				
	Indoor unit			Duct	Duct with water pump	High ESP duct	Cassette	Floor ceiling
				GU140PH/A-K	GU140PHS/A-K	GUD140PHS/A-K	GU140T/A-K	GU140ZD/A-K
Capacity	Cooling	kW		14.10	14.10	14.10	14.10	14.10
		Btu/h		48100	48100	48100	48100	48100
EER		W		2.69	2.69	2.71	2.52	2.71
Power supply			V/Ph/Hz	380-415V 3N~ 50Hz				
Power input	Cooling	kW		5.25	5.25	5.20	5.60	5.20
Current input	Cooling	A		10.5	10.5	10.4	11.2	10.4
Refrigerant charge volume		kg		2.95	2.95	2.95	2.95	2.95
Indoor unit	Air flow volume		CFM	1295	1295	1412	1177	1295
			m³/h	2200	2200	2400	2000	2200
	ESP	Rated	Pa	50	50	50	0	0
		Range	Pa	0-150	0-150	0-200	0	0
	Sound pressure level (SH/H/M/L)		dB(A)	45/44/41/37	45/44/41/37	48/44/42/41	54/51/47/45	54/53/52/51
	Dimension (W×D×H)	Outline	mm	1400×700×300	1400×700×300	1400×700×300	840×840×290	1570×665×235
		Package	mm	1601×813×365	1601×813×365	1678×808×365	933×903×335	1729×770×300
	Net weight/Gross weight		kg	52.0/59.0	53.0/60.0	58.0/65.0	34.0/41.0	43.0/50.0
Panel	Dimension (W×D×H)	Outline	mm	-	-	-	950×950×52	-
		Package	mm	-	-	-	1033×1020×110	-
	Net weight/Gross weight		kg	-	-	-	6/9.5	-
Outdoor unit	Dimension (W×D×H)	Outline	mm	940×460×820	940×460×820	940×460×820	940×460×820	940×460×820
		Package	mm	1083×573×973	1083×573×973	1083×573×973	1083×573×973	1083×573×973
	Net weight/Gross weight		kg	93.0/103.0	93.0/103.0	93.0/103.0	93.0/103.0	93.0/103.0
Connection pipe	Outdoor diameter	Liquid	inch(mm)	Φ3/8(9.52)				
		Gas	inch(mm)	Φ5/8(15.9)				
	Max. distance	Height	m	30	30	30	30	30
		Length	m	50	50	50	50	50
Loading quantity	40'GP/40'HQ		unit	52/56	52/56	52/56	56/63	58/66

Model	Outdoor unit			GUL160W/A-M				
	Indoor unit			Duct	Duct with water pump	High ESP duct	Cassette	Floor ceiling
				GU160PH/A-K	GU160PHS/A-K	GUD160PHS/A-K	GU160T/A-K	GU160ZD/A-K
Capacity	Cooling		kW	16	16	16	15	16
			Btu/h	54600	54600	54600	51200	54600
EER			W	2.99	2.99	3.02	2.88	3.02
Power supply			V/Ph/Hz	380-415V 3N~ 50Hz				
Power input	Cooling		kW	5.35	5.35	5.30	5.20	5.30
Current input	Cooling		A	10.6	10.6	10.5	10.3	10.5
Refrigerant charge volume			kg	3.1	3.1	3.1	3.1	3.1
Indoor unit	Air flow volume		CFM	1530	1530	1707	1177	1471
			m³/h	2600	2600	2900	2000	2500
			ESP	Rated	Pa	50	50	50
	Range	Pa		0-150	0-150	0-200	0	0
	Sound pressure level (SH/H/M/L)		dB(A)	47/45/40/37	47/45/40/37	48/45/44/42	55/51/47/45	54/53/52/51
	Dimension (W×D×H)	Outline	mm	1400×700×300	1400×700×300	1400×700×300	840×840×290	1570×665×235
		Package	mm	1601×813×365	1601×813×365	1678×808×365	933×903×335	1729×770×300
Net weight/Gross weight			kg	54.0/61.0	55.0/62.0	60.0/67.0	34.0/41.0	45.0/52.0
Panel	Dimension (W×D×H)	Outline	mm	-	-	-	950×950×52	-
		Package	mm	-	-	-	1033×1020×110	-
	Net weight/Gross weight		kg	-	-	-	6/9.5	-
Outdoor unit	Dimension (W×D×H)	Outline	mm	940×460×820	940×460×820	940×460×820	940×460×820	940×460×820
		Package	mm	1083×573×973	1083×573×973	1083×573×973	1083×573×973	1083×573×973
	Net weight/Gross weight		kg	95.0/105.0	95.0/105.0	95.0/105.0	95.0/105.0	95.0/105.0
Connection pipe	Outdoor diameter	Liquid	inch(mm)	Φ3/8(9.52)				
		Gas	inch(mm)	Φ5/8(15.9)				
	Max. distance	Height	m	30	30	30	30	30
		Length	m	50	50	50	50	50
Loading quantity		40'GP/40'HQ	unit	52/56	52/56	52/56	56/63	58/66

Control System Lineup

Control system			Product series	Duct type	Cassette type	Floor ceiling type
Wired controller	XK117			●	○	○
			XE71-42/G	○	○	○
Remote controller	YAW1F9 (WiFi) ^{*1}			○	●	●
			YB1FA (MOTO)	○	○	○
			YAP1F6(WiFi)	○	○	○
WiFi module (G-Cloud) ^{*2}	ME31-00/C4 ME31-00/C6			○	○	○
MODBUS gateway	ME50-00/EG(M)			○	○	○
Centralized controller (up to 36 indoor units)	CE52-24/F(C)			○	○	○
Dry contact gateway ^{*3} (extended function board)	ME30-42/E1			○	○	○
Door controller	MK03			○	○	○
BACnet gateway	ME30-44/D2(B)			○	○	○

Note:
● means standard, ○ means optional.
*1: Controller (cooling only)
*2: Please contact the sales representative for WiFi module selection.
*3: Function: ON/OFF input control, emergency stop input, error output, cold plasma control, fresh air control.

R32 U Match Inverter Series (Cooling Only)

U-MATCH is an air conditioning product in which the outdoor unit is generally designed to be matched with different types of indoor units (duct type, cassette type, floor ceiling type), saving the cost of warehouse management and after-sales maintenance.

The cooling capacity ranges from 5.0kW to 16kW, applicable to houses, hotels, restaurants, stores, office buildings, etc.



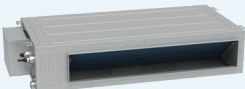
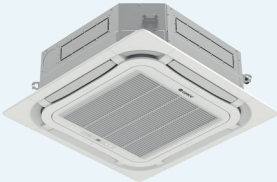


Quality motor

Built-in drain pump

Turbo function

Quiet function





All DC inverter technology

High efficiency

Wide voltage range

- 5H health protection: fresh air provision for the entire range of indoor units, optional healthy and sterilizing accessories, multiple air purification methods to ensure quality air in real time.
- The original bionic fan blades and noise-reducing compressor can reduce the noise of indoor unit.
- Adopt high precision temperature and humidity dual sensors ($\pm 0.5^{\circ}\text{C}$) to fully consider the impact of humidity on thermal comfort, reducing excessive dehumidification and substantially improving the level of comfort through intelligent correction of indoor temperature and humidity.
- WiFi module for remote APP control; smart sensor, with 360° temperature field detection, can automatically adjust airflow direction and the air conditioner's operation status by detecting the positions of occupants in the room.
- When installing the unit, wiring and piping can be done without opening the casing, saving installation time.
- Single fan compact design for outdoor units of the whole series, for the ease of transportation and installation.
- Provide different debugging tools, for example, the portable debugger, which can monitor real-time operating parameters, set unit parameters and store underlying data; the monitoring and debugging software can remotely monitor operating conditions and parameters. After-sales personnel can check the monitored data to locate errors. Troubleshooting is more accurate and efficient.

Indoor Unit



Duct type

- Fresh air inlet and air valve control function improve the indoor air quality.
- Flexible air inlet/outlet and condensing water outlet direction based on different installation requirements.
- Optimized air duct design improves the performance and lowers the noise.
- Built-in drain pump with increased lift of 1000mm.
- High ESP design, max ESP is up to 200 Pa.

Cassette type

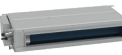
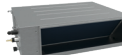
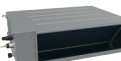
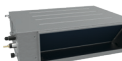
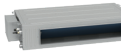
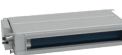
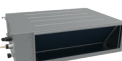
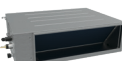
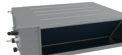
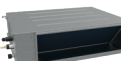
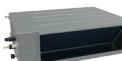
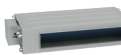
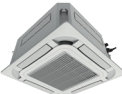
- Drain pump filled as standard with increased lift of 1000mm.
- Special low noise fan design.
- Equipped with 360° air discharge panel, providing more comfortable air supply.

Floor ceiling type

- 3D air flue design.
- Modern and elegant appearance.
- Four levels of fan speed.
- Wide swing angles.

Item	Nominal operating condition(temperature)				Operating range(temperature)
	Outdoor condition		Indoor condition		Outdoor condition
	DB(°C)	WB(°C)	DB(°C)	WB(°C)	DB(°C)
Cooling	35	24	27	19	21-48°C

Units Lineup

Capacity index		50	71	85	100	125	140	160
Outdoor unit								
	Duct (without water pump)							
	Duct (with water pump)							
	Cassette							
Indoor unit								
	Floor ceiling							

Specifications

Model	Outdoor unit			GULD50W1/NhA-S			
	Indoor unit			Duct(without water pump)	Duct(with water pump)	Cassette	Floor ceiling
				GULD50P1/A-S	GULD50PS1/A-S	GULD50T1/A-S	GULD50ZD1/A-S
Capacity	Cooling		kW	5.30	5.30	5.30	5.30
			Btu/h	18000	18000	18000	18000
EER /CSPF			W/W	3.40	3.40	3.63	3.40
Power supply			V/Ph/Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz
Power input	Cooling		kW	1.56	1.56	1.46	1.56
Current input	Cooling		A	7.40	7.40	7.00	7.40
Refrigerant charge volume				0.65	0.65	0.65	0.65
Indoor unit	Air flow volume		CFM	647/589/530/412	647/589/530/412	424/383/353/294	589/530/471/412
			m³/h	1100/1000/900/700	1100/1000/900/700	720/650/600/500	1000/900/800/700
	ESP	Rated	Pa	25	25	0	0
		Range	Pa	0-80	0-80	0	0
	Sound pressure level(SH/H/M/L)		dB(A)	40/38/37/35	40/38/37/35	43/41/38/35	45/43/41/39
	Dimension (W×D×H)	Outline	mm	1000×450×200	1000×450×200	570×570×260	870×665×235
		Package	mm	1308×568×275	1308×568×275	698×653×295	973×770×300
Net weight/Gross weight			kg	22/27	23/28.0	16.5/21.0	25/29
Panel	Dimension (W×D×H)	Outline	mm	-	-	620×620×47.5	-
		Package	mm	-	-	693×693×115	-
	Net weight/Gross weight		kg	-	-	3/4.5	-
Outdoor unit	Sound pressure level		dB(A)	48	48	48	48
	Dimension (W×D×H)	Outline	mm	675×285×553	675×285×553	675×285×553	675×285×553
		Package	mm	794×376×605	794×376×605	794×376×605	794×376×605
	Net weight/Gross weight		kg	24.5/27	24.5/27	24.5/27	24.5/27
Connecting pipe	Outdoor diameter	Liquid	inch(mm)	1/4"	1/4"	1/4"	1/4"
		Gas	inch(mm)	1/2"	1/2"	1/2"	1/2"
	Max. distance	Height	m	15	15	15	15
		Length	m	30	30	30	30
Loading quantity		40'GP/40'HQ	unit	160/180	160/180	159/182	139/160

Model	Outdoor unit			GULD85W1/NhA-S			
	Indoor unit			Duct(without water pump)	Duct(with water pump)	Cassette	Floor ceiling
				GULD85PH1/A-S	GULD85PHS1/A-S	GULD85T1/A-S	GULD85ZD1/A-S
Capacity	Cooling	kW	8.80	8.80	8.80	8.80	
		Btu/h	30000	30000	30000	30000	
EER /COP		W/W	3.45	3.45	3.52	3.45	
Power supply		V/Ph/Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	
Power input	Cooling	kW	2.55	2.55	2.50	2.55	
Current input	Cooling	A	3.60	3.60	3.60	3.60	
Refrigerant charge volume		kg	1.40	1.40	1.40	1.40	
Indoor unit	Air flow volume(H/M/L)		CFM	1000/942/824/706	1000/942/824/706	1059/942/824/706	1059/942/824/706
			m³/h	1800/1600/1400/1200	1800/1600/1400/1200	1800/1600/1400/1200	1800/1600/1400/1200
	ESP	Rated	Pa	37	37	0	0
		Range	Pa	0-160	0-160	0	0
	Sound pressure level(H/M/L)		dB(A)	48/46/44/43	48/46/44/43	48/46/42/39	48/45/43/41
	Dimension (W×D×H)	Outline	mm	900×655×260	900×655×260	840×840×240	1200×665×235
		Package	mm	1115×772×320	1115×772×320	933×903×272	1303.0×770.0×300.0
	Net weight/Gross weight		kg	29/33	30/34	22/28.0	32/37
Panel	Dimension (W×D×H)	Outline	mm	-	-	950×950×52	-
		Package	mm	-	-	1033×1020×110	-
	Net weight/Gross weight		kg	-	-	6.0/9.5	-
Outdoor unit	Dimension (W×D×H)	Outline	mm	889×340×660	889×340×660	889×340×660	889×340×660
		Package	mm	1032×456×730	1032×456×730	1032×456×730	1032×456×730
	Net weight/Gross weight		kg	44/47.5	44/47.5	44/47.5	44/47.5
Connecting pipe	Outdoor diameter	Gas	inch(mm)	3/8"	3/8"	3/8"	3/8"
		Liquid	inch(mm)	5/8"	5/8"	5/8"	5/8"
	Max. distance	Height	m	20	20	20	20
		Length	m	30	30	30	30
Loading quantity	40'GP/40'HQ		unit	98/109	98/109	84/94	92/102

Model	Outdoor unit			GULD71 W1/NhA-S			
	Indoor unit			Duct(without water pump)	Duct(with water pump)	Cassette	Floor ceiling
				GULD71PH1/A-S	GULD71PHS1/A-S	GULD71T1/A-S	GULD71ZD1/A-S
Capacity	Cooling	kW	7.10	7.10	7.10	7.10	
		Btu/h	24200	24200	24200	24200	
EER /COP		W/W	3.30	3.30	3.23	3.46	
Power supply		V/Ph/Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	
Power input	Cooling	kW	2.15	2.15	2.20	2.05	
Current input	Cooling	A	10.20	10.20	10.50	9.80	
Refrigerant charge volume		kg	0.40	0.92	0.92	0.92	
Indoor unit	Air flow volume		CFM	765/706/647/530	765/706/647/530	765/706/647/530	706/647/589/471
			m³/h	1300/1200/1100/900	1300/1200/1100/900	1300/1200/1100/900	1200/1100/1000/800
	ESP	Rated	Pa	25	25	0	0
		Range	Pa	0-160	0-160	0	0
	Sound pressure level(SH/H/M/L)		dB(A)	39/38/36/34	39/38/36/34	45/44/42/38	48/46/45/43
	Dimension (W×D×H)	Outline	mm	900×655×260	900×655×260	840×840×200	870×665×235
		Package	mm	1115×772×320	1115×772×320	943×923×245	973×770×300
	Net weight/Gross weight		kg	28/32	29/33	20.5/26.5	25/29
Panel	Dimension (W×D×H)	Outline	mm	-	-	950×950×52	-
		Package	mm	-	-	1033×1020×110	-
	Net weight/Gross weight		kg	-	-	6.0/9.5	-
Outdoor unit	Sound pressure level		dB(A)	56	56	56	56
	Dimension (W×D×H)	Outline	mm	889×340×660	889×340×660	889×340×660	889×340×660
		Package	mm	1032×456×730	1032×456×730	1032×456×730	1032×456×730
	Net weight/Gross weight		kg	41.5/45	41.5/45	41.5/45	41.5/45
Connecting pipe	Outdoor diameter	Liquid	inch(mm)	3/8"	3/8"	3/8"	3/8"
		Gas	inch(mm)	5/8"	5/8"	5/8"	5/8"
	Max. distance	Height	m	20	20	20	20
		Length	m	30	30	30	30
Loading quantity		40'GP/40'HQ	unit	98/109	98/109	87/99	100/114

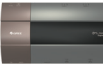
Model	Outdoor unit			GULD100W1/NhA-S				
	Indoor unit			Duct(without water pump)	Duct(with water pump)	Cassette	Floor ceiling	
				GULD100PH1/A-S	GULD100PHS1/A-S	GULD100T1/A-S	GULD100ZD1/A-S	
Capacity	Cooling		kW	10.50	10.50	10.50	10.50	
			Btu/h	35800	35800	35800	35800	
EER /COP			W/W	3.20	3.20	3.20	3.20	
Power supply			V/Ph/Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	
Power input	Cooling		kW	3.28	3.28	3.28	3.28	
Current input	Cooling		A	14.30	14.30	14.30	14.30	
Refrigerant charge volume				1.40	1.40	1.40	1.40	
Indoor unit	Air flow volume		CFM	1000/942/824/706	1000/942/824/706	1059/942/824/706	1059/942/824/706	
			m³/h	1800/1600/1400/1200	1800/1600/1400/1200	1800/1600/1400/1200	1800/1600/1400/1200	
	ESP	Rated	Pa	37	37	0	0	
		Range	Pa	0-160	0-160	0	0	
	Sound pressure level(SH/H/M/L)		dB(A)	48/46/44/43	48/46/44/43	48/46/42/39	48/45/43/41	
	Dimension (W×D×H)	Outline	mm	900×655×260	900×655×260	840×840×240	1200×665×235	
		Package	mm	1115×772×320	1115×772×320	933×903×272	1303.0×770.0×300.0	
	Net weight/Gross weight		kg	29/33	30/34.0	22/28	32/37	
Panel	Dimension (W×D×H)	Outline	mm	-	-	950×950×52	-	
		Package	mm	-	-	1033×1020×110	-	
	Net weight/Gross weight		kg	-	-	6/9.5	-	
Outdoor unit	Sound pressure level		dB(A)	54	54	54	54	
	Dimension (W×D×H)	Outline	mm	889×340×660	889×340×660	889×340×660	889×340×660	
		Package	mm	1032×456×730	1032×456×730	1032×456×730	1032×456×730	
	Net weight/Gross weight		kg	44/47.5	44/47.5	44/47.5	44/47.5	
Connecting pipe	Outdoor diameter	Liquid	inch(mm)	3/8"	3/8"	3/8"	3/8"	
		Gas	inch(mm)	5/8"	5/8"	5/8"	5/8"	
	Max. distance	Height	m	20	20	20	20	
		Length	m	30	30	30	30	
Loading quantity			40'GP/40'HQ	unit	98/109	98/109	84/94	92/102

Model	Outdoor unit			GULD125W1/NhA-S			
	Indoor unit			Duct(without water pump) GULD125PH1/A-S	Duct(with water pump) GULD125PHS1/A-S	Cassette GULD125T1/A-S	Floor ceiling GULD125ZD1/A-S
Capacity	Cooling		kW	12.50	12.50	12.50	12.50
			Btu/h	42600	42600	42600	42600
EER /COP			W/W	3.21	3.21	2.84	3.29
Power supply			V/Ph/Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz
Power input	Cooling		kW	3.90	3.90	4.40	3.80
Current input	Cooling		A	18.50	18.50	21.00	18.00
Refrigerant charge volume			kg	2.40	2.40	2.40	2.40
Indoor unit	Air flow volume		CFM	1294/1177/1059/883	1294/1177/1059/883	1236/1118/1000/883	1354/1177/1000/824
			m³/h	2200/2000/1800/1500	2200/2000/1800/1500	2100/1900/1700/1500	2300/2000/1700/1400
	ESP	Rated	Pa	50	50	0	0
		Range	Pa	0-160	0-160	0	0
	Sound pressure level(SH/H/M/L)		dB(A)	44/43/41/39	44/43/41/39	52/50/47/45	49/46/42/39
	Dimension (W × D × H)	Outline	mm	1340 × 655 × 260		840 × 840 × 240	1570 × 665 × 235
		Package	mm	1568 × 770 × 323	1568 × 770 × 323	933 × 903 × 272	1669 × 770 × 300
Net weight/Gross weight		kg	42/48	43/49	23/29	40/47	
Panel	Dimension (W × D × H)	Outline	mm	-	-	950 × 950 × 52	-
		Package	mm	-	-	1033 × 1020 × 110	-
	Net weight/Gross weight		kg	-	-	6.0/9.5	-
Outdoor unit	Sound pressure level		dB(A)	58	58	58	58
	Dimension (W × D × H)	Outline	mm	940 × 370 × 820	940 × 370 × 820	940 × 370 × 820	940 × 370 × 820
		Package	mm	1093 × 497 × 885	1093 × 497 × 885	1093 × 497 × 885	1093 × 497 × 885
	Net weight/Gross weight		kg	69/76	69/76	69/76	69/76
Connecting pipe	Outdoor diameter	Liquid	inch(mm)	3/8"	3/8"	3/8"	3/8"
		Gas	inch(mm)	5/8"	5/8"	5/8"	5/8"
	Max. distance	Height	m	30	30	30	30
		Length	m	75	75	75	75
Loading quantity		40'GP/40'HQ	unit	64/72	64/72	68/78	62/74

Model	Outdoor unit			GULD140W1/NhA-S			
	Indoor unit			Duct(without water pump)	Duct(with water pump)	Cassette	Floor ceiling
				GULD140PH1/A-S	GULD140PHS1/A-S	GULD140T1/A-S	GULD140ZD1/A-S
Capacity	Cooling		kW	14.01	14.01	14.01	14.01
			Btu/h	47800	47800	47800	47800
EER /COP			W/W	3.05	3.05	2.69	2.98
Power supply			V/Ph/Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz
Power input	Cooling		kW	4.60	4.60	5.20	4.70
Current input	Cooling		A	22.00	22.00	24.00	22.00
Refrigerant charge volume			kg	2.40	2.40	2.40	2.40
Indoor unit	Air flow volume		CFM	1294/1177/1059/883	1294/1177/1059/883	1236/1118/1000/883	1354/1177/1000/824
			m³/h	2200/2000/1800/1500	2200/2000/1800/1500	2100/1900/1700/1500	2300/2000/1700/1400
	ESP	Rated	Pa	50	50	0	0
		Range	Pa	0-160	0-160	0	0
	Sound pressure level(SH/H/M/L)		dB(A)	44/43/41/39	44/43/41/39	52/50/47/45	49/46/42/39
	Dimension (W×D×H)	Outline	mm	1340×655×260	1340×655×260	840×840×240	1570×665×235
		Package	mm	1568×770×323	1568×770×323	933×903×272	1669×770×300
Net weight/Gross weight			kg	42/48	43/49	23/29	40/47
Panel	Dimension (W×D×H)	Outline	mm	-	-	950×950×52	-
		Package	mm	-	-	1033×1020×110	-
	Net weight/Gross weight		kg	-	-	69.5	-
Outdoor unit	Sound pressure level		dB(A)	58	58	58	58
	Dimension (W×D×H)	Outline	mm	940×370×820	940×370×820	940×370×820	940×370×820
		Package	mm	1093×497×885	1093×497×885	1093×497×885	1093×497×885
	Net weight/Gross weight		kg	69/76	69/76	69/76	69/76
Connecting pipe	Outdoor diameter	Liquid	inch(mm)	3/8"	3/8"	3/8"	3/8"
		Gas	inch(mm)	5/8"	5/8"	5/8"	5/8"
	Max. distance	Height	m	30	30	30	30
		Length	m	75	75	75	75
Loading quantity		40'GP/40'HQ	unit	64/72	64/72	68/78	62/74

Model	Outdoor unit			GULD160W1/NhA-S			
	Indoor unit			Duct(without water pump)	Duct(with water pump)	Cassette	Floor ceiling
				GULD160PH1/A-S	GULD160PHS1/A-S	GULD160T1/A-S	GULD160ZD1/A-S
Capacity	Cooling		kW	16.00	16.00	15.40	16.00
			Btu/h	54500	54500	52500	54500
EER /COP			W/W	2.91	2.85	2.96	
Power supply			V/Ph/Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	
Power input	Cooling		kW	5.50	5.50	5.40	5.40
Current input	Cooling		A	26.00	26.00	25.60	25.60
Refrigerant charge volume			kg	2.90	2.90	2.90	2.90
Indoor unit	Air flow volume		CFM	1648/1471/1295/1059	1648/1471/1295/1059	1412/1295/1118/942	1530/1354/1177/942
			m³/h	2800/2500/2200/1800	2800/2500/2200/1800	2400/2200/1900/1600	2600/2300/2000/1600
	ESP	Rated	Pa	50	50	0	0
		Range	Pa	0-200	0-200	0	0
	Sound pressure level(SH/H/M/L)		dB(A)	46/44/42/40	46/44/42/40	52/50/47/45	52/49/46/42
	Dimension (W × D × H)	Outline	mm	1400 × 700 × 300	1400 × 700 × 300	840 × 840 × 290	1570 × 665 × 235
		Package	mm	1601 × 813 × 365	1601 × 813 × 365	933 × 903 × 335	1669 × 770 × 300
Net weight/Gross weight			kg	52/59	53/60	25/32	42/49
Panel	Dimension (W × D × H)	Outline	mm	-	-	950 × 950 × 52	-
		Package	mm	-	-	1033 × 1020 × 110	-
	Net weight/Gross weight		kg	-	-	6/9.5	-
Outdoor unit	Sound pressure level		dB(A)	60	60	60	60
	Dimension (W × D × H)	Outline	mm	940 × 370 × 820	940 × 370 × 820	940 × 370 × 820	940 × 370 × 820
		Package	mm	1093 × 497 × 885	1093 × 497 × 885	1093 × 497 × 885	1093 × 497 × 885
	Net weight/Gross weight		kg	72/79	72/79	72/79	72/79
Connecting pipe	Outdoor diameter	Liquid	inch(mm)	3/8"	3/8"	3/8"	3/8"
		Gas	inch(mm)	5/8"	5/8"	5/8"	5/8"
	Max. distance	Height	m	30	30	30	30
		Length	m	75	75	75	75
Loading quantity			40'GP/40'HQ	unit	56/63	56/63	64/74

Control System Lineup

Controlling system	Model	Outlook	Duct	Cassette	Floor ceiling
Remote controller	YAW1F9 (WiFi)		○	●	●
Wired controller	XE7A-24/H		●	○	○
Wired controller (WiFi)	XE7A-24/HC		○	○	○
Duct unit LED panel (matched with remote controller)	JS13		○	○	○
Access control	LE60-24/H1		○	○	○
Centralized controller	CE52-24/F(C)		○	○	○
Modbus gateway	ME50-00/EG(M)		○	○	○
Wired controller	XE73-24/HC*		○	○	○
Wired controller	XE7C-24/H XE7C-24/HC		○	○	○
BACnet gateway	ME30-44/D2(B)		○	○	○

Note:
● means standard, ○ means optional.
*This product model is under developemnt. Please confirm the final specifications with sales representatives.

U Match R32 Inverter Series (Heat Pump) (Non-EU) R32

U-MATCH is an air conditioning product in which the outdoor unit is generally designed to be matched with different types of indoor units (duct type, cassette type, floor ceiling type), saving the cost of warehouse management and after-sales maintenance.

The cooling capacity ranges from 3.5kW to 16kW, applicable to houses, hotels, restaurants, stores, office buildings, etc.





Quality motor Built-in drain pump Turbo function Quiet function



All DC inverter technology High efficiency Wide voltage range Low temperature heating

- 5H health protection: fresh air provision for the entire range of indoor units, optional healthy and sterilizing accessories; multiple air purification methods to ensure quality air in real time.
- Originally designed bionic fan blades and low noise compressor lower indoor unit sound level to 28dB.
- Adopt high precision temperature and humidity dual sensors ($\pm 0.5^{\circ}\text{C}$) to fully consider the impact of humidity on thermal comfort, reduce excessive dehumidification and substantially improve the level of comfort through intelligent correction of indoor temperature and humidity.
- WiFi module for remote APP control; smart sensor, with 360 ° temperature field detection, can automatically adjust airflow direction and the air conditioner's operation status by detecting the positions of occupants in the room.
- When installing the unit, wiring and piping can be done without opening the casing, saving installation time.
- Single fan compact design for outdoor units of the whole series, for the ease of transportation and installation
- Provide different debugging tools, for example, the portable debugger, which can monitor real-time operating parameters, set unit parameters and store underlying data; the monitoring and debugging software can remotely monitor operating conditions and parameters. After-sales personnel can check the monitored data to locate errors. Troubleshooting is more accurate and efficient.

Indoor Unit CE

- ### Duct type

 - Fresh air inlet and air valve control function improve the indoor air quality.
 - Flexible air inlet/outlet and condensing water outlet direction based on different installation requirements.
 - Optimized air duct design improves the performance and lowers the noise.
 - Built-in drain pump with increased lift of 1000mm.
 - High ESP design, max ESP is up to 200 Pa.
- ### Cassette type

 - Drain pump filled as standard with increased lift of 1000mm.
 - Special low noise fan design.
 - Equipped with 360 ° air discharge panel, providing more comfortable air supply.
- ### Floor ceiling type

 - 3D air flue design.
 - Modern and elegant appearance.
 - Four levels of fan speed.
 - Wide swing angles.

Item	Nominal operating condition(temperature)				Operating 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	15	-15-24℃

Units Lineup

Capacity index		35	50	71	85	100	125	140	160
Outdoor unit	220-240V ~1Ph~50/60Hz								
	380-415V ~3Ph~50/60Hz	/	/	/	/	/			
Indoor unit	Duct (without water pump)								
	Duct (with water pump)								
	Cassette								
	Floor ceiling								

Specifications

Model	Outdoor unit			GUD35W1/NhB-S GUD35W1/NhB-S(LCLH)			
	Indoor unit			Duct(without water pump)	Duct(with water pump)	Cassette	Floor ceiling
				GUD35P1/B-S	GUD35PS1/B-S	GUD35T1/B-S	GUD35ZD1/B-S
Capacity	Cooling		kW	3.50	3.50	3.50	3.5
			Btu/h	11900	11900	11900	11900
	Heating		kW	4.00	4.00	4.00	4.00
			Btu/h	13600	13600	13600	13600
EER /COP			W/W	3.40/4.00	3.40/4.00	3.80/4.00	3.80/4.30
Power supply			V/Ph//Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz
Power input	Cooling		kW	1.03	1.03	0.92	0.92
	Heating		kW	1.00	1.00	1.00	0.93
Current input	Cooling		A	4.90	4.90	4.40	4.40
	Heating		A	4.80	4.80	4.80	4.45
Refrigerant charge volume			kg	0.57	0.57	0.57	0.57
Indoor unit	Air flow volume		CFM	353/324/294/235	353/324/294/235	353/324/294/235	383/353/294/235
			m³/h	600/550/500/400	600/550/500/400	600/550/500/400	650/600/500/400
	ESP	Rated	Pa	25	25	0	0
		Range	Pa	0-80	0-80	0	0
	Sound pressure level(SH/H/M/L)		dB(A)	35/33/32/30	35/33/32/30	36/35/33/29	35/34/31/28
	Dimension (W × D × H)	Outline	mm	700 × 450 × 200	700 × 450 × 200	570 × 570 × 260	870 × 665 × 235
		Package	mm	1008 × 568 × 275	1008 × 568 × 275	698 × 653 × 295	973 × 770 × 300
Net weight/Gross weight			kg	17/21	18/22	16.5/21	24/28
Panel	Dimension (W × D × H)	Outline	mm	-	-	620 × 620 × 47.5	-
		Package	mm	-	-	693 × 693 × 115	-
	Net weight/Gross weight		kg	-	-	3.0/4.5	-
Outdoor unit	Sound pressure level		dB(A)	48	48	48	48
	Dimension (W × D × H)	Outline	mm	675 × 285 × 553	675 × 285 × 553	675 × 285 × 553	675 × 285 × 553
		Package	mm	794 × 376 × 605	794 × 376 × 605	794 × 376 × 605	794 × 376 × 605
	Net weight/Gross weight		kg	24.5/27	24.5/27	24.5/27	24.5/27
Connecting pipe	Outdoor diameter	Liquid	inch(mm)	1/4"	1/4"	1/4"	1/4"
		Gas	inch(mm)	3/8"	3/8"	3/8"	3/8"
	Max. distance	Height	m	15	15	15	15
		Length	m	30	30	30	30
Loading quantity		40'GP/40'HQ	unit	182/205	182/205	159/182	139/160

Model	Outdoor unit			GUD50W1/NhB-S GUD50W1/NhB-S(LCLH)				
	Indoor unit			Duct(without water pump)	Duct(with water pump)	Cassette	Floor ceiling	
				GUD50P1/B-S	GUD50PS1/B-S	GUD50T1/B-S	GUD50ZD1/B-S	
Capacity	Cooling		kW	5.3	5.3	5.1	5.3	
			Btu/h	18000	18000	17400	18000	
	Heating		kW	5.8	5.8	5.6	5.8	
			Btu/h	19700	19700	19100	19700	
EER /COP			W/W	3.27/4.00	3.27/4.00	3.22/3.68	3.35/3.86	
Power supply			V/Ph/Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	
Power input	Cooling		kW	1.62	1.62	1.58	1.58	
	Heating		kW	1.45	1.45	1.52	1.50	
Current input	Cooling		A	7.40	7.40	7.20	7.20	
	Heating		A	6.60	6.60	6.90	6.80	
Refrigerant charge volume			kg	0.85	0.85	0.85	0.85	
Indoor unit	Air flow volume		CFM	647/589/530/412	647/589/530/412	424/383/353/294	647/589/530/412	
			m³/h	1100/1000/900/700	1100/1000/900/700	720/650/600/500	1100/1000/900/700	
	ESP	Rated	Pa	25	25	0	0	
		Range	Pa	0-80	0-80	0	0	
	Sound pressure level(SH/H/M/L)		dB(A)	40/38/37/35	40/38/37/35	43/41/39/36	47/45/43/38	
	Dimension (W × D × H)	Outline	mm	1000 × 450 × 200	1000 × 450 × 200	570 × 570 × 260	870 × 665 × 235	
		Package	mm	1308 × 568 × 275	1308 × 568 × 275	698 × 653 × 295	973 × 770 × 300	
Net weight/Gross weight			kg	23/28	24/29	17/21	25/29	
Panel	Dimension (W × D × H)	Outline	mm	-	-	620 × 620 × 47.5	-	
		Package	mm	-	-	693 × 693 × 115	-	
	Net weight/Gross weight		kg	-	-	3.0/4.5	-	
Outdoor unit	Sound pressure level		dB(A)	49	49	49	49	
	Dimension (W × D × H)	Outline	mm	675 × 285 × 553	675 × 285 × 553	675 × 285 × 553	675 × 285 × 553	
		Package	mm	794 × 376 × 605	794 × 376 × 605	794 × 376 × 605	794 × 376 × 605	
	Net weight/Gross weight			kg	27.5/30	27.5/30	27.5/30.0	27.5/30.0
Connecting pipe	Outdoor diameter	Liquid	inch(mm)	1/4"	1/4"	1/4"	1/4"	
		Gas	inch(mm)	1/2"	1/2"	1/2"	1/2"	
	Max. distance	Height	m	15	15	15	15	
		Length	m	30	30	30	30	
Loading quantity			40'GP/40'HQ	unit	160/180	160/180	159/182	139/160

Model	Outdoor unit			GUD71W1/NhB-S GUD71W1/NhB-S(LCLH)				
	Indoor unit			Duct(without water pump)	Duct(with water pump)	Cassette	Floor ceiling	
				GUD71PH1/B-S	GUD71PHS1/B-S	GUD71T1/B-S	GUD71ZD1/B-S	
Capacity	Cooling		kW	7.10	7.10	7.10	7.10	
			Btu/h	24200	24200	24200	24200	
	Heating		kW	8.00	8.00	8.00	8.00	
			Btu/h	27200	27200	27200	27200	
EER /COP			W/W	3.22/3.60	3.22/3.60	3.22/3.40	3.22/3.40	
Power supply			V/Ph//Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	
Power input	Cooling		kW	2.20	2.20	2.20	2.20	
	Heating		kW	2.22	2.22	2.35	2.35	
Current input	Cooling		A	10.10	10.10	10.10	10.10	
	Heating		A	10.20	10.20	10.75	10.75	
Refrigerant charge volume			kg	1.10	1.10	1.10	1.10	
Indoor unit	Air flow volume		CFM	765/706/647/530	765/706/647/530	765/706/647/530	706/647/589/471	
			m³/h	1300/1200/1100/900	1300/1200/1100/900	1300/1200/1100/900	1200/1100/1000/800	
	ESP	Rated	Pa	25	25	0.00	0	
		Range	Pa	0-160	0-160	0.00	0	
	Sound pressure level(SH/H/M/L)		dB(A)	40/39/37/34	40/39/37/34	44/43/41/38	49/47/44/42	
	Dimension (W × D × H)	Outline	mm	900 × 655 × 260	900 × 655 × 260	840 × 840 × 200	870 × 665 × 235	
		Package	mm	1115 × 772 × 320	1115 × 772 × 320	943 × 923 × 245	973 × 770 × 300	
	Net weight/Gross weight		kg	28/32	29/33	21/27	25/29	
Panel	Dimension (W × D × H)	Outline	mm	-	-	950 × 950 × 52	-	
		Package	mm	-	-	1033 × 1020 × 110	-	
	Net weight/Gross weight		kg	-	-	6/9.5	-	
Outdoor unit	Sound pressure level		dB(A)	58	58	58	58	
	Dimension (W × D × H)	Outline	mm	889 × 340 × 660	889 × 340 × 660	889 × 340 × 660	889 × 340 × 660	
		Package	mm	1032 × 456 × 730	1032 × 456 × 730	1032 × 456 × 730	1032 × 456 × 730	
	Net weight/Gross weight		kg	40/44	40/44	40/44	40/44	
Connecting pipe	Outdoor diameter	Liquid	inch(mm)	3/8"	3/8"	3/8"	3/8"	
		Gas	inch(mm)	5/8"	5/8"	5/8"	5/8"	
	Max. distance	Height	m	20	20	20	20	
		Length	m	30	30	30	30	
Loading quantity			40'GP/40'HQ	unit	98/109	98/109	87/99	100/114

Model	Outdoor unit			GUD85W1 /NhB-S GUD85W1 /NhB-S(LCLH)			
	Indoor unit			Duct(without water pump)	Duct(with water pump)	Cassette	Floor ceiling
				GUD85PH1/B-S	GUD85PHS1/B-S	GUD85T1/B-S	GUD85ZD1/B-S
Capacity	Cooling		kW	8.50	8.50	8.50	8.50
			Btu/h	29000	29000	29000	29000
	Heating		kW	8.80	8.80	8.80	8.80
			Btu/h	30000	30000	30000	30000
EER /COP			W/W	3.40/3.90	3.40/3.90	3.40/3.90	3.40/3.90
Power supply			V/Ph//Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz
Power input	Cooling		kW	2.50	2.50	2.50	2.50
	Heating		kW	2.25	2.25	2.25	2.25
Current input	Cooling		A	11.40	11.40	11.40	11.40
	Heating		A	10.30	10.30	10.30	10.30
Refrigerant charge volume			kg	1.50	1.50	1.50	1.50
Indoor unit	Air flow volume		CFM	824/765/647/588	824/765/647/588	824/765/647/588	824/765/706/588
			m³/h	1400/1300/1100/1000	1400/1300/1100/1000	1400/1300/1100/1000	1400/1300/1200/1000
	ESP	Rated	Pa	37	37	0	0
		Range	Pa	0-160	0-160	0	0
	Sound pressure level(SH/H/M/L)		dB(A)	43/41/39/37	43/41/39/37	47/46/42/38	46/45/43/39
	Dimension (W × D × H)	Outline	mm	900 × 655 × 260	900 × 655 × 260	840 × 840 × 200	1200 × 665 × 235
		Package	mm	1115 × 772 × 320	1115 × 772 × 320	943 × 923 × 245	1303 × 770 × 300
Net weight/Gross weight			kg	28.5/32.5	29.5/33.5	21/27	32/37
Panel	Dimension (W × D × H)	Outline	mm	-	-	950 × 950 × 52	-
		Package	mm	-	-	1033 × 1020 × 110	-
	Net weight/Gross weight		kg	-	-	6.0/9.5	-
Outdoor unit	Sound pressure level		dB(A)	57	57	57	57
	Dimension (W × D × H)	Outline	mm	889 × 340 × 660	889 × 340 × 660	889 × 340 × 660	889 × 340 × 660
		Package	mm	1032 × 456 × 730	1032 × 456 × 730	1032 × 456 × 730	1032 × 456 × 730
	Net weight/Gross weight		kg	46/50	46/50	46/50	46/50
Connecting pipe	Outdoor diameter	Liquid	inch(mm)	3/8"	3/8"	3/8"	3/8"
		Gas	inch(mm)	5/8"	5/8"	5/8"	5/8"
	Max. distance	Height	m	25	25	25	25
		Length	m	30	30	30	30
Loading quantity		40'GP/40'HQ	unit	98/109	98/109	87/99	92/102

Model	Outdoor unit			GUD100W1/NhB-S			
	Indoor unit			GUD100W1/NhB-S(LCLH)			
				Duct(without water pump)	Duct(with water pump)	Cassette	Floor ceiling
				GUD100PH1/B-S	GUD100PHS1/B-S	GUD100T1/B-S	GUD100ZD1/B-S
Capacity	Cooling		kW	10.00	10.00	10.00	10.00
			Btu/h	34100	34100	34100	34100
	Heating		kW	11.00	11.00	10.80	11.00
			Btu/h	37500	37500	36800	37500
EER /COP			W/W	3.21/3.61	3.21/3.61	3.21/3.72	3.21/3.79
Power supply			V/Ph/Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz	220-240V ~50/60Hz
Power input	Cooling		kW	3.12	3.12	3.12	3.12
	Heating		kW	3.05	3.05	2.90	2.90
Current input	Cooling		A	14.30	14.30	14.30	14.30
	Heating		A	14.00	14.00	13.30	13.30
Refrigerant charge volume			kg	1.50	1.50	1.50	1.50
Indoor unit	Air flow volume			CFM	1000/942/824/706	1000/942/824/706	1059/942/824/706
				m3/h	1800/1600/1400/1200	1800/1600/1400/1200	1800/1600/1400/1200
	ESP	Rated	Pa	37	37	0	0
		Range	Pa	0-160	0-160	0	0
	Sound pressure level(SH/H/M/L)			dB(A)	45/44/43/41	45/44/43/41	49/47/43/40
	Dimension (W × D × H)	Outline	mm	900 × 655 × 260	900 × 655 × 260	840 × 840 × 240	1200 × 665 × 235
		Package	mm	1115 × 772 × 320	1115 × 772 × 320	933 × 903 × 272	1303 × 770 × 300
	Net weight/Gross weight			kg	29/33	30/34	23/29
Panel	Dimension (W × D × H)	Outline	mm	-	-	950 × 950 × 52	-
		Package	mm	-	-	1033 × 1020 × 110	-
	Net weight/Gross weight			kg	-	-	6.0/9.5
Outdoor unit	Sound pressure level			dB(A)	58	58	58
	Dimension (W × D × H)	Outline	mm	889 × 340 × 660	889 × 340 × 660	889 × 340 × 660	889 × 340 × 660
		Package	mm	1032 × 456 × 730	1032 × 456 × 730	1032 × 456 × 730	1032 × 456 × 730
	Net weight/Gross weight			kg	47/51	47/51	47/51.0
Connecting pipe	Outdoor diameter	Liquid	inch(mm)	3/8"	3/8"	3/8"	3/8"
		Gas	inch(mm)	5/8"	5/8"	5/8"	5/8"
	Max. distance	Height	m	20	20	20	20
		Length	m	30	30	30	30
Loading quantity			40'GP/40'HQ	unit	98/109	98/109	84/94

Model	Outdoor unit		GUD125W1/NhB-X GUD125W1/NhB-X(LCLH)		GUD125W1/NhB-S GUD125W1/NhB-S(LCLH)		GUD125W1/NhB-X GUD125W1/NhB-X(LCLH)		GUD125W1/NhB-S GUD125W1/NhB-S(LCLH)		GUD125W1/NhB-X GUD125W1/NhB-X(LCLH)		GUD125W1/NhB-S GUD125W1/NhB-S(LCLH)		GUD125W1/NhB-X GUD125W1/NhB-X(LCLH)		GUD125W1/NhB-S GUD125W1/NhB-S(LCLH)		
	Indoor unit		Duct(without water pump)				Duct(with water pump)				Cassette				Floor ceiling				
			GUD125PH1/B-S				GUD125PHS1/B-S				GUD125T1/B-S				GUD125ZD1/B-S				
Capacity	Cooling		kW	12.50		12.50		12.50		12.50		12.50		12.50		12.50		12.50	
			Btu/h	42600		42600		42600		42600		42600		42600		42600		42600	
	Heating		kW	14.00		14.00		14.00		14.00		14.00		14.00		14.00		14.00	
			Btu/h	47800		47800		47800		47800		47800		47800		47800		47800	
EER /COP			W/W	3.21/3.78		3.21/3.78		3.21/3.78		3.21/3.78		2.84/3.50		2.84/3.50		3.29/4.00		3.29/4.00	
Power supply			V/Ph/Hz	380-415V 3N-50/60Hz		220-240V ~50/60Hz		380-415V 3N-50/60Hz		220-240V ~50/60Hz		380-415V 3N-50/60Hz		220-240V ~50/60Hz		380-415V 3N-50/60Hz		220-240V ~50/60Hz	
Power input	Cooling		kW	3.90		3.90		3.90		3.90		4.40		4.40		3.80		3.80	
	Heating		kW	3.70		3.70		3.70		3.70		4.00		4.00		3.50		3.50	
Current input	Cooling		A	18.50		6.20		18.50		6.20		8.00		24.00		6.00		18.00	
	Heating		A	17.70		5.90		17.70		5.90		7.70		23.00		5.60		16.70	
Refrigerant charge volume			kg	2.40		2.40		2.40		2.40		2.40		2.40		2.40		2.40	
Indoor unit	Air flow volume		CFM	1294/1177/1059/883		1294/1177/1059/883		1294/1177/1059/883		1294/1177/1059/883		1235/1118/1000/883		1235/1118/1000/883		1353/1177/1000/824		1353/1177/1000/824	
			m³/h	2200/2000/1800/1500		2200/2000/1800/1500		2200/2000/1800/1500		2200/2000/1800/1500		2100/1900/1700/1500		2100/1900/1700/1500		2300/2000/1700/1400		2300/2000/1700/1400	
		ESP	Rated	Pa	50		50		50		50		0		0		0		0
			Range	Pa	0-160		0-160		0-160		0-160		0		0		0		0
	Sound pressure level(SH/H/M/L)		dB(A)	46/45/44/42		46/45/44/42		46/45/44/42		46/45/44/42		53/51/48/46		53/51/48/46		51/49/45/41		51/49/45/41	
	Dimension (W × D × H)	Outline	mm	1340 × 655 × 260		1340 × 655 × 260		1340 × 655 × 260		1340 × 655 × 260		840 × 840 × 240		840 × 840 × 240		1570 × 665 × 235		1570 × 665 × 235	
		Package	mm	1568 × 770 × 323		1568 × 770 × 323		1568 × 770 × 323		1568 × 770 × 323		933 × 903 × 272		933 × 903 × 272		1669 × 770 × 300		1669 × 770 × 300	
	Net weight/Gross weight		kg	42/48		42/48		43/49		43/49		23/29		23/29		40/47		40/47	
Panel	Dimension (W × D × H)	Outline	mm	-		-		-		-		950 × 950 × 52		950 × 950 × 52		-		-	
		Package	mm	-		-		-		-		1033 × 1020 × 110		1033 × 1020 × 110		-		-	
	Net weight/Gross weight		kg	-		-		-		-		6/9.5		6/9.5		-		-	
Outdoor unit	Sound pressure level		dB(A)	59		59		59		59		59		59		59		59	
	Dimension (W × D × H)	Outline	mm	940 × 370 × 820		940 × 370 × 820		940 × 370 × 820		940 × 370 × 820		940 × 370 × 820		940 × 370 × 820		940 × 370 × 820		940 × 370 × 820	
		Package	mm	1093 × 497 × 885		1093 × 497 × 885		1093 × 497 × 885		1093 × 497 × 885		1093 × 497 × 885		1093 × 497 × 885		1093 × 497 × 885		1093 × 497 × 885	
	Net weight/Gross weight		kg	79/86		70/77		79/86		70/77		79/86		70/77		79/86		70/77	
Connecting pipe	Outdoor diameter	Liquid	inch[mm]	3/8"		3/8"		3/8"		3/8"		3/8"		3/8"		3/8"		3/8"	
		Gas	inch[mm]	5/8"		5/8"		5/8"		5/8"		5/8"		5/8"		5/8"		5/8"	
	Max. distance	Height	m	30		30		30		30		30		30		30		30	
		Length	m	75		75		75		75		75		75		75		75	
Loading quantity			40'GP/40'HQ	unit	64/72		64/72		64/72		64/72		68/78		68/78		62/74		62/74

Model	Outdoor unit		GUD140W1/NhB-X GUD140W1/NhB-X(LCLH)		GUD140W1/NhB-S GUD140W1/NhB-S(LCLH)		GUD140W1/NhB-X GUD140W1/NhB-X(LCLH)		GUD140W1/NhB-S GUD140W1/NhB-S(LCLH)		GUD140W1/NhB-X GUD140W1/NhB-X(LCLH)		GUD140W1/NhB-S GUD140W1/NhB-S(LCLH)					
	Indoor unit		Duct(without water pump)				Duct(with water pump)				Cassette				Floor ceiling			
			GUD140PH1/B-S				GUD140PHS1/B-S				GUD140T1/B-S				GUD140ZD1/B-S			
Capacity	Cooling		kW	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00				
			Btu/h	47700	47700	47700	47700	47700	47700	47700	47700	47700	47700	47700				
	Heating		kW	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00				
			Btu/h	54600	54600	54600	54600	54600	54600	54600	54600	54600	54600	54600				
EER /COP			W/W	3.04/3.64	3.04/3.64	3.04/3.64	3.04/3.64	2.69/3.33	2.69/3.33	2.98/3.64	2.98/3.64							
Power supply			V/Ph/Hz	380-415V 3N-50/60Hz	220-240V ~50/60Hz	380-415V 3N-50/60Hz	220-240V ~50/60Hz	380-415V 3N-50/60Hz	220-240V ~50/60Hz	380-415V 3N-50/60Hz	220-240V ~50/60Hz							
Power input	Cooling		kW	4.60	4.60	4.60	4.60	5.20	5.20	4.70	4.70							
	Heating		kW	4.40	4.40	4.40	4.40	4.80	4.80	4.40	4.40							
Current input	Cooling		A	7.30	22.00	7.30	22.00	8.00	24.00	7.50	22.50							
	Heating		A	7.00	21.00	7.00	21.00	7.70	23.00	7.00	21.00							
Refrigerant charge volume			kg	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40							
Indoor unit	Air flow volume		CFM	1294/1177/1059/883	1294/1177/1059/883	1294/1177/1059/883	1294/1177/1059/883	1235/1118/1000/883	1235/1118/1000/883	1353/1177/1000/824	1353/1177/1000/824							
			m³/h	2200/2000/1800/1500	2200/2000/1800/1500	2200/2000/1800/1500	2200/2000/1800/1500	2100/1900/1700/1500	2100/1900/1700/1500	2300/2000/1700/1400	2300/2000/1700/1400							
		ESP	Rated	Pa	50	50	50	50	0	0	0	0						
			Range	Pa	0-160	0-160	0-160	0-160	0	0	0	0						
	Sound pressure level(SH/H/M/L)			dB(A)	46/45/44/42	46/45/44/42	46/45/44/42	46/45/44/42	53/51/48/46	53/51/48/46	51/49/45/41	51/49/45/41						
	Dimension (W × D × H)	Outline	mm	1340 × 655 × 260	1340 × 655 × 260	1340 × 655 × 260	1340 × 655 × 260	840 × 840 × 240	840 × 840 × 240	1570 × 665 × 235	1570 × 665 × 235							
		Package	mm	1568 × 770 × 323	1568 × 770 × 323	1568 × 770 × 323	1568 × 770 × 323	933 × 903 × 272	933 × 903 × 272	1669 × 770 × 300	1669 × 770 × 300							
	Net weight/Gross weight			kg	42/48	42/48	43/49	43/49	23/29	23/29	40/47	40/47						
Panel	Dimension (W × D × H)	Outline	mm	-	-	-	-	950 × 950 × 52	950 × 950 × 52	-	-							
		Package	mm	-	-	-	-	1033 × 1020 × 110	1033 × 1020 × 110	-	-							
	Net weight/Gross weight			kg	-	-	-	-	6.0/9.5	6.0/9.5	-	-						
Outdoor unit	Sound pressure level		dB(A)	59	59	59	59	59	59	59	59							
	Dimension (W × D × H)	Outline	mm	940 × 370 × 820	940 × 370 × 820	940 × 370 × 820	940 × 370 × 820	940 × 370 × 820	940 × 370 × 820	940 × 370 × 820	940 × 370 × 820							
		Package	mm	1093 × 497 × 885	1093 × 497 × 885	1093 × 497 × 885	1093 × 497 × 885	1093 × 497 × 885	1093 × 497 × 885	1093 × 497 × 885	1093 × 497 × 885							
	Net weight/Gross weight			kg	79/86	70/77	79/86	70/77	79/86	70/77	79/86	70/77						
Connecting pipe	Outdoor diameter	Liquid	inch(mm)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"							
		Gas	inch(mm)	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"							
	Max. distance	Height	m	30	30	30	30	30	30	30	30							
		Length	m	75	75	75	75	75	75	75	75	75						
Loading quantity			40'GP/40'HQ	unit	64/72	64/72	64/72	64/72	68/78	68/78	62/74							

Model	Outdoor unit		GUD160W1/NhB-X GUD160W1/NhB-X(LCLH)		GUD160W1/NhB-S GUD160W1/NhB-S(LCLH)		GUD160W1/NhB-X GUD160W1/NhB-X(LCLH)		GUD160W1/NhB-S GUD160W1/NhB-S(LCLH)		GUD160W1/NhB-X GUD160W1/NhB-X(LCLH)		GUD160W1/NhB-S GUD160W1/NhB-S(LCLH)							
	Indoor unit		Duct(without water pump)				Duct(with water pump)				Cassette				Floor ceiling					
			GUD160PH1/B-S				GUD160PHS1/B-S				GUD160T1/B-S				GUD160ZD1/B-S					
Capacity	Cooling		kW	16.0	16.0	16.0	16.0	15.4	15.4	16.0	16.0	Heating		kW	18.0	18.0	18.0	18.0	18.0	18.0
			Btu/h	54500	54500	54500	54500	52500	52500	54500	54500									
		kW	18.0	18.0	18.0	18.0	17.0	17.0	18.0	18.0	18.0	18.0								
		Btu/h	61400	61400	61400	61400	58000	58000	61400	61400										
EER /COP			W/W	2.9/3.6	2.9/3.6	2.9/3.6	2.9/3.6	2.852/3.4	2.852/3.4	2.963/3.75	2.963/3.75									
Power supply			V/Ph/Hz	380-415V 3N-50/60Hz	220-240V -50/60Hz	380-415V 3N-50/60Hz	220-240V -50/60Hz	380-415V 3N-50/60Hz	220-240V -50/60Hz	380-415V 3N-50/60Hz	220-240V -50/60Hz									
Power input	Cooling		kW	5.50	5.50	5.50	5.50	5.40	5.40	5.40	5.40									
	Heating		kW	5.00	5.00	5.00	5.00	5.00	5.00	4.80	4.80									
Current input	Cooling		A	8.30	25.00	8.30	25.00	8.20	24.50	8.20	24.50									
	Heating		A	7.60	22.80	7.60	22.80	7.60	22.80	7.30	22.00									
Refrigerant charge volume			kg	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90									
Indoor unit	Air flow volume		CFM	1648/1471/1295/1059	1648/1471/1295/1059	1648/1471/1295/1059	1648/1471/1295/1059	14121/295/1118/942	14121/295/1118/942	15301/353/1177/942	15301/353/1177/942									
			m³/h	2800/2500/2200/1800	2800/2500/2200/1800	2800/2500/2200/1800	2800/2500/2200/1800	2400/2200/1900/1600	2400/2200/1900/1600	2600/2300/2000/1600	2600/2300/2000/1600									
			Pa	800	500	500	500	0	0	0	0									
	ESP	Rated	Pa	0-200	0-200	0-200	0-200	0	0	0	0									
		Range	Pa	0-200	0-200	0-200	0-200	0	0	0	0									
	Dimension (W × D × H)		Sound pressure level(SH/H/M/L)	dB(A)	47/44/43/40	47/44/43/40	47/44/43/40	47/44/43/40	53/51/48/44	53/51/48/44	52/49/47/44	52/49/47/44								
			Outline	mm	1400 × 700 × 300	1400 × 700 × 300	1400 × 700 × 300	1400 × 700 × 300	840 × 840 × 290	840 × 840 × 290	1570 × 665 × 235	1570 × 665 × 235								
			Package	mm	1601 × 813 × 365	1601 × 813 × 365	1601 × 813 × 365	1601 × 813 × 365	933 × 903 × 335	933 × 903 × 335	1669 × 770 × 300	1669 × 770 × 300								
Net weight/Gross weight			kg	52/59	52/59	53/60	53/60	25/32	25/32	42/49	42/49									
Panel	Dimension (W × D × H)	Outline	mm	-	-	-	-	950 × 950 × 52	950 × 950 × 52	-	-									
		Package	mm	-	-	-	-	1033 × 1020 × 110	1033 × 1020 × 110	-	-									
		Net weight/Gross weight	kg	-	-	-	-	6.0/9.5	6.0/9.5	-	-									
Outdoor unit		Sound pressure level	dB(A)	70	70	60	60	60	60	60	60									
		Outline	mm	940 × 370 × 820	940 × 370 × 820	940 × 370 × 820	940 × 370 × 820	940 × 370 × 820	940 × 370 × 820	940 × 370 × 820	940 × 370 × 820									
		Package	mm	1093 × 497 × 885	1093 × 497 × 885	1093 × 497 × 885	1093 × 497 × 885	1093 × 497 × 885	1093 × 497 × 885	1093 × 497 × 885	1093 × 497 × 885									
		Net weight/Gross weight	kg	83/90	73/80	83/90	73/80	83/90	73/80	83/90	73/80									
Connecting pipe	Outdoor diameter	Liquid	inch(mm)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"									
		Gas	inch(mm)	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"									
		Max. distance	Height	m	30	30	30	30	30	30	30	30								
			Length	m	75	75	75	75	75	75	75	75	75							
			Loading quantity	40'GP/40'HQ	unit	56/63	56/63	56/63	56/63	64/74	64/74	62/74	62/74							

Control System Lineup

Controlling system	Model	Outlook	Duct	Cassette	Floor ceiling
Remote Controller	YAP1F		○	○	○
	YAP1F7		○	●	●
Wired controller	XE7A-24/H		●	○	○
Wired controller (WiFi)	XE7A-24/HC		○	○	○
Duct unit LED panel (matched with remote controller)	JS13		○	○	○
Access control	LE60-24/H1		○	○	○
Centralized controller	CE52-24/F(C)		○	○	○
Modbus gateway	ME50-00/EG(M)		○	○	○
Wired controller	XE73-24/HC*		○	○	○

Note:
● means standard, ○ means optional.
*This product model is under developemnt. Please confirm the final specifications with sales representatives.