

U-Match



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.



- Adopt eco-friendly refrigerant R32. GWP of R32 is 68% lower than that of R410A, and charging quantity is reduced by 30% compared to R410A.
- High energy efficiency. SEER in cooling is up to 7.2, and SCOP in heating is up to 4.0. Power consumption in standby status is only 1W.
- Wide operation range. Cooling operation range is from -20°C(DB)~48°C(DB), and heating operation range is from -20°C(DB)~24°C(DB).
- Smart control including APP control, long-distance control and centralized control.
- Dual unit backup function. If one unit breaks down, the backup unit can start operation at once; if one unit cannot afford the demand, the backup unit can start working to supplement the output.



Indoor Unit

Duct type

- DC motor, energy-saving and high efficiency.
- Fresh air unit can be connected.
- Lift of water pump is 1000mm.
- Energy efficiency can be up A++ in cooling season and A+ in heating season.

Cassette type

- 360° air discharge for balance room temperature.
- DC motor and DC water pump, energy-saving and high efficiency.
- Fresh air unit can be connected.
- Lift of water pump is 1000mm.
- Energy efficiency can be up A++ in cooling season and A+ in heating season.

Floor ceiling type

- DC motor, energy-saving and high efficiency.
- Fresh air unit can be connected.
- Lift of water pump is 1000mm.
- Energy efficiency can be up A++ in cooling season and A+ in heating season.

Wall-mounted

- DC motor, energy-saving and high efficiency.
- Energy efficiency can be up A++ in cooling season and A+ in heating season.

Item	Nominal operating condition (temperature)				Operating range (temperature)			
	Outdoor condition		Indoor condition		Outdoor condition		Indoor condition	
	DB(°C)	WB(°C)	DB(°C)	WB(°C)	DB(°C)	DB(°C)	WB(°C)	
Cooling	35	24	27	19	-20 ~ 48	32	23	
Heating	7	6	20	15	-20 ~ 24	27	-	

Indoor Units Lineup

Capacity Index (kW)		3.5	5	7.1	8.5
Outdoor Unit	Model	GUD35W/NhA-T	GUD50W/NhA-T	GUD71W/NhA-T	GUD85W/NhA-T
	Picture				
Indoor Unit	Duct	Model: GUD35P/A-T (GUD35PS/A-T)	GUD50P/A-T (GUD50PS/A-T)	GUD71P/A-T (GUD71PS/A-T)	GUD85P/A-T (GUD85PS/A-T)
	Picture				
	Cassette	Model: GUD35T/A-T	GUD50T/A-T	GUD71T/A-T	GUD85T/A-T
	Picture				
Floor ceiling	Model	GUD35ZD/A-T	GUD50ZD/A-T	GUD71ZD/A-T	GUD85ZD/A-T
	Picture				
Wall-mounted	Model	-	-	GUD71G/A-T	GUD100G/A-T
	Picture	-	-		
Floor standing	Model	-	-	GUD71L/A-T	-
	Picture	-	-		-

Capacity Index (kW)		10	12.5	14	16
Outdoor Unit	Model	GUD100W/NhA-T (GUD100W/NhA-X)	GUD125W/NhA-T (GUD125W/NhA-X)	GUD140W/NhA-T (GUD140W/NhA-X)	GUD160W/NhA-X
	Picture				
Indoor Unit	Duct	Model: GUD100PH/A-T (GUD100PHS/A-T)	GUD125PH/A-T (GUD125PHS/A-T)	GUD140PH/A-T (GUD140PHS/A-T)	GUD160PH/A-T (GUD160PHS/A-T)
	Picture				
	Cassette	Model: GUD100T/A-T	GUD125T/A-T	GUD140T/A-T	GUD160T/A-T
	Picture				
Floor ceiling	Model	GUD100ZD/A-T	GUD125ZD/A-T	GUD140ZD/A-T	GUD160ZD/A-T
	Picture				
Floor standing	Model	GUD100L/A-T	GUD125L/A-T	GUD140L/A-T	-
	Picture	-		-	-

Model	Outdoor Unit		GUD140W/NhA-T						
	Indoor Unit		Duct		Cassette	Floor Ceiling	Floor Standing		
			GUD140PH/A-T	GUD140PHS/A-T	GUD140T/A-T	GUD140ZD/A-T	GUD140L/A-T*		
Capacity	Cooling	kW	13.40	13.40	13.40	13.40	13.4		
		Btu/h	45700	45700	45700	45700	45700		
	Heating	kW	15.50	15.50	15.50	15.50	16		
		Btu/h	52800	52800	52800	52800	55000		
SEER/SCOP		-	6.1/3.6	6.1/3.6	6.1/3.6	6.1/3.7	6.1/4.0		
Energy efficiency grade (Cooling/Heating)		-	A++/A	A++/A	A++/A	A++/A	A++/A+		
Power supply		V-Hz-Ph	220-240/208-230-50/60-1	220-240/208-230-50/60-1	220-240/208-230-50/60-1	220-240/208-230-50/60-1	220-240/208-230-50/60-1		
Power input	Cooling	kW	4.45	4.45	4.65	4.40	4.65		
	Heating	kW	4.60	4.60	4.35	4.35	4.35		
Current input	Cooling	A	19.90	19.90	20.8	19.50	19.5		
	Heating	A	20.40	20.40	19.5	19.40	19.4		
Refrigerant charge volume		kg	2.80	2.80	2.80	2.80	2.80		
Loading quantity	40'GP/40'HQ	set	47/53	47/53	56/56	54/62	36/42		
Indoor unit	Air flow volume(SH/H/M/L)		CFM	1295/1177/1018/877	1295/1177/1018/877	1118/995/871/671	1236/1177/1059/871	1058	
			m³/h	2200/2000/1730/1490	2200/2000/1730/1490	1900/1690/1480/1140	2100/2000/1800/1480	1800	
	ESP	Rated	Pa	50	50	-	-	0	
		Range	Pa	0-150	0-150	-	-	0	
	Sound pressure level(SH/H/M/L)		dB(A)	43/41/40/38	43/41/40/38	52/51/48/45	52/50/48/44	58	
	Dimension (WxDxH)	Outline	mm	1400×700×300	1400×700×300	840×840×290	1570×665×235	1870×580×395	
		Package	mm	1601×813×365	1601×813×365	963×963×379	1729×770×300	2153×738×545	
	Net weight/Gross weight		kg	49.0/55.0	50.0/56.0	36.0/44.0	42.0/49.0	59/66	
	Panel	Dimension (WxDxH)	Outline	mm	-	-	950×950×52	-	-
			Package	mm	-	-	1033×1038×112	-	-
Net weight/Gross weight		kg	-	-	6.0/9.5	-	-		
Outdoor unit	Sound pressure level		dB(A)	56/-/-	56/-/-	56/-/-	56/-/-	56	
	Dimension (WxDxH)	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	1073×563×868	
Net weight/Gross weight		kg	95/107	95/107	95.0/107.0	95.0/107.0	95/107		
Connecting pipe	Outdoor diameter	Liquid	inch	3/8"	3/8"	3/8"	3/8"	3/8	
		Gas	inch	5/8"	5/8"	5/8"	5/8"	5/8	
	Max. distance	Height/Length	m	30/75	30/75	30/75	30/75	30/75	

Model	Outdoor Unit		GUD140W/NhA-X					
	Indoor Unit		Duct		Cassette	Floor Ceiling		
			GUD140PH/A-T	GUD140PHS/A-T	GUD140T/A-T	GUD140ZD/A-T		
Capacity	Cooling	kW	13.40	13.40	13.40	13.40		
		Btu/h	45700	45700	45700	45700		
	Heating	kW	15.50	15.50	15.50	15.50		
		Btu/h	52800	52800	52800	52800		
SEER/SCOP		-	5.6/3.7	5.6/3.7	6.1/4.0	6.1/4.0		
Energy efficiency grade (Cooling/Heating)		-	A+/A	A+/A	A++/A+	A++/A+		
Power supply		V-Hz-Ph	380-415-50/60-3	380-415-50/60-3	380-415-50/60-3	380-415-50/60-3		
Power input	Cooling	kW	4.70	4.70	4.70	4.30		
	Heating	kW	4.45	4.45	4.45	4.40		
Current input	Cooling	A	7.20	7.20	7.20	6.60		
	Heating	A	6.20	6.20	6.20	6.70		
Refrigerant charge volume		kg	2.80	2.80	2.80	2.80		
Loading quantity	40'GP/40'HQ	set	47/53	47/53	56/56	54/62		
Indoor unit	Air flow volume(SH/H/M/L)		CFM	1295/1177/1018/877	1295/1177/1018/877	1118/995/871/671	1236/1177/1059/871	
			m³/h	2200/2000/1730/1490	2200/2000/1730/1490	1900/1690/1480/1140	2100/2000/1800/1480	
	ESP	Rated	Pa	50	50	-	-	
		Range	Pa	0-150	0-150	-	-	
	Sound pressure level(SH/H/M/L)		dB(A)	43/41/40/38	43/41/40/38	52/51/48/45	52/50/48/44	
	Dimension (WxDxH)	Outline	mm	1400×700×300	1400×700×300	840×840×290	1570×665×235	
		Package	mm	1601×813×365	1601×813×365	963×963×379	1729×770×300	
	Net weight/Gross weight		kg	49.0/55.0	50.0/56.0	36.0/44.0	42.0/49.0	
	Panel	Dimension (WxDxH)	Outline	mm	-	-	950×950×52	-
			Package	mm	-	-	1033×1038×112	-
Net weight/Gross weight		kg	-	-	9.5	-		
Outdoor unit	Sound pressure level		dB(A)	57/-/-	57/-/-	57/-/-	57/-/-	
	Dimension (WxDxH)	Outline	mm	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	
Net weight/Gross weight		kg	99.0/111.0	99.0/111.0	99.0/111.0	99.0/111.0		
Connecting pipe	Outdoor diameter	Liquid	inch	3/8"	3/8"	3/8"	3/8"	
		Gas	inch	5/8"	5/8"	5/8"	5/8"	
	Max. distance	Height/Length	m	30/75	30/75	30/75	30/75	

Note*: This product model is under development. Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.

Model	Outdoor Unit		GUD160W/NhA-X					
	Indoor Unit		Duct		Cassette	Floor Ceiling		
			GUD160PH/A-T	GUD160PHS/A-T	GUD160T/A-T	GUD160ZD/A-T		
Capacity	Cooling	kW	16.00	16.00	14.50	16.00		
		Btu/h	54500	54500	49400	54500		
	Heating	kW	17.00	17.00	17.00	17.00		
		Btu/h	58000	58000	58000	58000		
SEER/SCOP		-	6.1/3.8	6.1/3.8	6.1/3.8	6.1/4.0		
Energy efficiency grade (Cooling/Heating)		-	A++/A	A++/A	A++/A	A++/A+		
Power supply		V-Hz-Ph	380-415-50/60-3	380-415-50/60-3	380-415-50/60-3	380-415-50/60-3		
Power input	Cooling	kW	5.45	5.45	5.20	5.40		
	Heating	kW	5.00	5.00	4.80	5.40		
Current input	Cooling	A	7.70	7.70	7.60	7.70		
	Heating	A	7.30	7.30	7.20	7.60		
Refrigerant charge volume		kg	3.60	3.60	3.60	3.60		
Loading quantity	40'GP/40'HQ	set	43/47	43/47	52/55	46/55		
Indoor unit	Air flow volume(SH/H/M/L)		CFM	1412/1153/983/812	1412/1153/983/812	1177/1106/953/842	1354/1295/1100/936	
			m³/h	2400/1960/1670/1380	2400/1960/1670/1380	2000/1880/1620/1430	2300/2200/1870/1590	
	ESP	Rated	Pa	50	50	-	-	
		Range	Pa	0-200	0-200	-	-	
	Sound pressure level(SH/H/M/L)		dB(A)	44/41/39/38	44/41/39/38	54/52/50/48	54/53/49/45	
	Dimension (WxDxH)	Outline	mm	1400×700×300	1400×700×300	840×840×290	1570×665×235	
		Package	mm	1678×808×365	1678×808×365	963×963×379	1729×770×300	
	Net weight/Gross weight		kg	56.0/63.0	57.0/64.0	36.0/44.0	42.0/49.0	
	Panel	Dimension (WxDxH)	Outline	mm	-	-	950×950×52	-
			Package	mm	-	-	1033×1038×112	-
Net weight/Gross weight		kg	-	-	9.5	-		
Outdoor unit	Sound pressure level		dB(A)	57/-/-	57/-/-	57/-/-	57/-/-	
	Dimension (WxDxH)	Outline	mm	900×340×1345	900×340×1345	900×340×1345	900×340×1345	
		Package	mm	1048×458×1500	1048×458×1500	1048×458×1500	1048×458×1500	
Net weight/Gross weight		kg	112.0/122.0	112.0/122.0	112.0/122.0	112.0/122.0		
Connecting pipe	Outdoor diameter	Liquid	inch	3/8"	3/8"	3/8"	3/8"	
		Gas	inch	5/8"	5/8"	5/8"	5/8"	
	Max. distance	Height/Length	m	30/75	30/75	30/75	30/75	

Control System Lineup

Controlling system	Product series	Image	High efficiency series		
			Duct type	Cassette type	Floor ceiling type
Wireless Remote Controller	YAP1F6				
	YAN1F1				
	YAA1FB6(WIFI)				
Wired Controller	XK117				
	XK75				
Smart zone controller	CE52-24/F(C)				
Modbus Gateway	ME50-00/EG(M)				
Dry Contact Gateway (Extended Function Board)	ME30-42/E1				
Optoelectronic Isolated Converter	RS232-RS422/485				
Wifi Module	ME31-00/C4				
Door Controller	MK03				

Note: ● means standard, ○ means optional.