

Duct Split Unit



Inverter Series(High Capacity)

It is a kind of split system that can be connected with air duct to realize cooling/heating in subdivided area.



*: If the capacity of outdoor unit is 40kW, two outdoor units are needed for the operation of one indoor unit.



Intelligent defrosting



Compact design



Anti-cold function



Comprehensive protection



Easier maintainability



Self-diagnosis



Wide operation range

- All Dc inverter for high efficiency and energy saving.
- High static units for longer ducted runs.
- ESP reach up to 250Pa high.
- Static pressure is adjustable.
- Long-distance control is optional, with intelligent filter cleaning reminding function.
- Indoor fan can be adjusted according to the static pressure of air duct installed by customers.

Item	Normal 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

Mode	Heat pump		FGR20 Pd/D-X*	FGR25Pd/DNa-X*	FGR30Pd/DNa-X*	FGR40 Pd/DZNa-X*
Capacity	Cooling	kW	20	25	30	40
		BTU/h	69200	85303	103384	136486
Heating		kW	23	28	34	43
		BTU/h	78479	95540	116013	146722
ENER COP		WW	2.70/3.15	2.70/3.15	2.70/3.15	2.70/3.15
Power supply		PHV/Hz	3/30/4/15 (50/60)	3/30/4/15 (50/60)	3/30/4/15 (50/60)	3/30/4/15 (50/60)
Power input	Cooling	kW	7.4	9.3	11.1	14.8
	Heating	kW	7.3	8.9	10.6	13.7
Current input	Cooling	A	14.5	18.2	21.7	29
	Heating	A	14.3	17.6	21.2	28.9
Refrigerant charge volume		kg	5.5	7.1	9.5	11
		CFM	2238	2590	3176	4120
Indoor unit	Air flow volume	m ³ /h	3800	4400	5400	7000
	ESP	Pa	120	120	120	120
	Rated Range	Pa	0~250	0~250	0~250	0~250
	Sound pressure level	dB (A)	53	54	55	56
	Dimension (W×D×H)	mm	1480×790×365	1890×870×440	1890×870×440	1880×900×460
	Net weight/Gross weight	kg	1579/1980/365	1785/1985/450	1785/1985/450	1800/2120/460
Outdoor unit	Net weight/Gross weight	kg	821/104	93/114	105/140	175/215
	Sound pressure level	dB (A)	62	64	65	66
	Dimension (W×D×H)	mm	940×320×1430	940×480×1615	940×480×1615	940×320×1430
	Net weight/Gross weight	kg	1220/1420/1460	1020/1560/1645	1020/1560/1645	1020/1420/1460
	Net weight/Gross weight	kg	115/136	140/167	160/192	220/257
	Dimension (W×D×H)	mm	940×320×1430	940×480×1615	940×480×1615	940×320×1430
Connection pipe	Outer diameter	mm	Φ3/8(9.52)	Φ3/8(9.52)	Φ1/2(12.7)	Φ3/8(9.52)
	Gas	mm	Φ3/4(19.05)	Φ7/8(22)	Φ1(25.4)	Φ3/4(19.05)
	Max. distance	m	40	40	40	40
	Length	m	70	70	70	70
Loading quantity	20GP	set	28	22	22	14
	40GP/40HQ	set	5656	4444	4444	2828

Note: 1. 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.

Control System Lineup

Controlling system		Model	Outlook	Duct Split Unit
Wired Controller		XXK100		●
Wireless Remote Controller		YAPIF		○
Smart Zone Controller		CE53-24F (C)		○
BMS Accessories	Communication module(modbus)	ME30-24/E4(M)		○
	Optoelectronic isolated converter	ME40-20(B)		○

Note: ● means standard, ○ means optional. Smart zone controller should be chosen with wired remote controller at the same time.