



Model		Rated Cooling/ Heating Capacity (kW)	Power supply (V,Ph,Hz)	Finished product code	Appearance
Floor Ceiling Type	GUD35ZD/A-T	3.5/4.0	220-240V 1N~50Hz 208-230V 1N~60Hz	ED020N1720	
	GUD50ZD/A-T	5.0/5.5		ED020N1730	
	GUD71ZD/A-T	7.0/8.0		ED020N1740	
	GUD85ZD/A-T	8.5/8.8		ED020N1750	
	GUD100ZD/A-T	10.0/12.0	220-240V 1N~50Hz 208-230V 1N~60Hz	ED020N1680	
	GUD125ZD/A-T	12.1/13.5		ED020N1690	
	GUD140ZD/A-T	13.4/15.5		ED020N1700	
	GUD160ZD/A-T	16.0/17.0		ED020N1710	

Note: The outdoor unit is generally suitable to any one of the three types of indoor units with no need of change (limited to cassette type, duct type and floor ceiling type).

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4.3 Floor Ceiling Type

	IDU		GUD35ZD/A-T	GUD50ZD/A-T	GUD71ZD/A-T	GUD85ZD/A-T
	ODU		GUD35W/NhA-T	GUD50W/NhA-T	GUD71W/NhA-T	GUD85W/NhA-T
Rated Capacity	Cooling	kW	3.50	5.00	7.00	8.50
	Heating	kW	4.00	5.50	8.00	8.80
Input Power	Cooling	kW	0.90	1.55	1.90	2.80
	Heating	kW	0.95	1.60	2.45	2.65
Sound Pressure Level Noise	Cooling	dB(A)	39	44	45	49
EER		W/W	3.89	3.23	3.68	3.04
SEER			6.70	6.10	6.80	6.10
SCOP		—	4.00	4.00	3.90	4.00
Energy Class (Cooling / Heating)		—	A++/A+	A++/A+	A++/A	A++/A+
IDU			GUD35ZD/A-T	GUD50ZD/A-T	GUD71ZD/A-T	GUD85ZD/A-T
Power Supply			220-240V 1N~50Hz;208-230V 1N~60Hz			
Heat Exchanger			— Inner Groove Copper Tube-Aluminum Fin			
Fan Motor	Type	—	Centrifugal Fan			
	Drive	—	direct	direct	direct	direct
	Motor Output	W	40	40	150	150
	Air Volume	m ³ /h	650	850	1300	1500
Filter			— PP			
Connection Pipe	Liquid Pipe	in.	1/4	1/4	3/8	3/8
	Gas Pipe	in.	3/8	1/2	5/8	5/8
	Water Pipe	mm	Φ25*1.50	Φ25*1.50	Φ25*1.50	Φ25*1.50
Dimensions (H*W*D)	Outline	mm	235*870*665	235*870*665	235*1200*665	235*1200*665
	Package	mm	285*767*1030	285*767*1030	285*767*1360	285*767*1360
Weight	Net Weight	kg	25	26	31	31
	Gross Weight	kg	30	31	37	37

	IDU		GUD35ZD/A-T	GUD50ZD/A-T	GUD71ZD/A-T	GUD85ZD/A-T
	ODU		GUD35W/NhA-T	GUD50W/NhA-T	GUD71W/NhA-T	GUD85W/NhA-T
	ODU		GUD35W/NhA-T	GUD50W/NhA-T	GUD71W/NhA-T	GUD85W/NhA-T
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin			
Power Supply			220-240V 1N~50Hz;208-230V 1N~60Hz			
Compressor	Model		QXF-A102zE170B	QXF-B141zF030F	QXFS-D25zX090H	QXFS-D25zX090H
	Type		Rotary	Rotary	Rotary	Rotary
	Output	W	1023	1410	2420	2420
Fan Motor	Type	—	Axial fan			
	Air Volume	m ³ /h	3000	3000	3600	4000
	Output Power	W	—	40	—	—
Refrigerant	Type		R32			
	Weight	kg	0.78	1.00	1.60	1.80
	Throttling Method		Electronic Expansion Valve			
Connection Pipe	Liquid Pipe	mm	1/4	1/4	3/8	3/8
	Gas Pipe	in.	3/8	1/2	5/8	5/8
Refrigerant Pipe	Standard Length	m	5	5	5	5
	Max. Length	m	30	35	50	50
	Max. Height	m	15	20	25	25
Dimensions (H*W*D)	Outline	mm	596*818*302	596*818*302	698*892*340	790*920*370
	Package	mm	630*945*417	630*945*417	735*1026*455	840*1080*485
Weight	Net Weight	kg	37	39	53	60
	Gross Weight	kg	40	42	57	65

	IDU		GUD100ZD/A-T	GUD125ZD/A-T	GUD140ZD/A-T
	ODU		GUD100W/NhA-T	GUD125W/NhA-T	GUD140W/NhA-T
Rated Capacity	Cooling	kW	10.00	12.10	13.40
	Heating	kW	12.00	13.50	15.50
Input Power	Cooling	kW	3.30	3.90	4.40
	Heating	kW	3.60	3.95	4.35
Sound Pressure Level Noise	Cooling	dB(A)	49	49	52
EER		W/W	3.03	3.10	3.05
SEER		—	6.10	6.10	6.10
SCOP		—	4.00	3.80	3.70
Energy Class (Cooling /Heating)		—	A++/A+	A++/A	A++/A
	IDU		GUD100ZD/A-T	GUD125ZD/A-T	GUD140ZD/A-T
	Power Supply		220-240V 1N~50Hz;208-230V 1N~60Hz		
	Heat Exchanger		Inner Groove Copper Tube-Aluminum Fin		
Fan Motor	Type	—	Centrifugal Fan		
	Drive	—	direct	direct	direct
	Motor Output	W	150	250	250
	Air Volume	m ³ /h	1600	1800	2100
Filter		—	PP		

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	IDU		GUD100ZD/A-T	GUD125ZD/A-T	GUD140ZD/A-T	
	ODU		GUD100W/NhA-T	GUD125W/NhA-T	GUD140W/NhA-T	
Connection Pipe	Liquid Pipe	in.	1/4	1/4	3/8	
	Gas Pipe	in.	3/8	1/2	5/8	
	Water Pipe	mm	Φ25*1.50	Φ25*1.50	Φ25*1.50	
Dimensions (H*W*D)	Outline	mm	235*1200*665	235*1570*665	235*1570*665	
	Package	mm	285*767*1360	285*767*1726	285*767*1726	
Weight	Net Weight	kg	32	40	42	
	Gross Weight	kg	38	47	49	
ODU			GUD100W/NhA-T	GUD125W/NhA-T	GUD140W/NhA-T	
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin			
Power Supply			220-240V 1N~50Hz;208-230V 1N~60Hz			
Compressor	Model		QXFS-D32zX090D	QXFS-F428zX450E	QXFS-F428zX450E	
	Type		Rotary	Rotary	Rotary	
	Output	W	3750	4300	4300	
Fan Motor	Type		Axial fan			
	Air Volume	m ³ /h	5900	5900	5900	
	Output Power	W	150	—	—	
Refrigerant	Type		R32			
	Weight	kg	2.50	2.65	2.80	
	Throttling Method		Electronic Expansion Valve			
Connection Pipe	Liquid Pipe	mm	3/8	3/8	3/8	
	Gas Pipe	in.	5/8	5/8	5/8	
Refrigerant Pipe	Standard Length	m	5.00	5.00	7.50	
	Max. Length	m	65	75	75	
	Max. Height	m	30	30	30	
Dimensions (H*W*D)	Outline	mm	820*940*460	820*940*460	820*940*460	
	Package	mm	853*1070*560	853*1070*560	853*1070*560	
Weight	Net Weight	kg	83	91	95	
	Gross Weight	kg	95	103	107	
Safety Device			High pressure switch Low pressure switch Unloading valve Outdoor fan driver overload protector Thermal protector for indoor Fan Motor Inverter overload protector Fusible plugs. Fuse	High pressure switch Low pressure switch Unloading valve Outdoor fan driver overload protector Thermal protector for indoor Fan Motor Inverter overload protector Fusible plugs. Fuse	High pressure switch Low pressure switch Unloading valve Outdoor fan driver overload protector Thermal protector for indoor Fan Motor Inverter overload protector Fusible plugs. Fuse	
	IDU		GUD100ZD/A-T	GUD125ZD/A-T	GUD140ZD/A-T	GUD160ZD/A-T
	ODU		GUD100W/NhA-X	GUD125W/NhA-X	GUD140W/NhA-X	GUD160W/NhA-X
Rated Capacity	Cooling	kW	10.00	12.10	13.40	16.00
	Heating	kW	12.00	13.50	15.50	17.00
Input Power	Cooling	kW	3.30	4.05	4.30	5.40
	Heating	kW	3.50	4.00	4.40	5.40

			IDU	GUD100ZD/A-T	GUD125ZD/A-T	GUD140ZD/A-T	GUD160ZD/A-T
			ODU	GUD100W/NhA-X	GUD125W/NhA-X	GUD140W/NhA-X	GUD160W/NhA-X
Sound Pressure Level Noise	Cooling	dB(A)	49	49	52	54	
	EER	W/W	3.03	3.18	3.12	2.96	
SEER			6.10	6.10	6.10	6.10	
SCOP		—	4.00	3.80	4.00	4.00	
Energy Class (Cooling / Heating)		—	A++/A+	A++/A	A++/A+	A++/A+	
IDU			GUD100ZD/A-T	GUD125ZD/A-T	GUD140ZD/A-T	GUD160ZD/A-T	
Power Supply			220-240V 1N~50Hz;208-230V 1N~60Hz				
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin				
Fan Motor	Type	—	Centrifugal Fan				
	Drive	—	direct	direct	direct	direct	
	Motor Output	W	150	250	250	250	
	Air Volume	m ³ /h	1600	1800	2100	2300	
Filter		—	PP				
Connection Pipe	Liquid Pipe	in.	3/8	3/8	3/8	3/8	
	Gas Pipe	in.	5/8	5/8	5/8	5/8	
	Water Pipe	mm	Φ25*1.50	Φ25*1.50	Φ25*1.50	Φ25*1.50	
Dimensions (H*W*D)	Outline	mm	235*1200*665	235*1570*665	235*1570*665	235*1570*665	
	Package	mm	285*767*1360	285*767*1726	285*767*1726	285*767*1726	
Weight	Net Weight	kg	32	40	42	42	
	Gross Weight	kg	38	47	49	49	
	ODU			GUD100W/NhA-X	GUD125W/NhA-X	GUD140W/NhA-X	GUD160W/NhA-X
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin				
Power Supply			380-415V 3N~50Hz/60Hz				
Compressor	Model		QXFS-D32zX090C	QXFS-F428zX450I	QXFS-F428zX450I	QXFS-F428zX450I	
	Type		Rotary	Rotary	Rotary	Rotary	
	Output	W	4000	4300	4300	4060	
Fan Motor	Type	—	Axial fan				
	Air Volume	m ³ /h	5900	5900	5900	6600	
	Output Power	W	—	—	—	—	
Refrigerant	Type		R32				
	Weight	kg	2.50	2.70	2.80	3.60	
	Throttling Method		Electronic Expansion Valve				
Connection Pipe	Liquid Pipe	mm	3/8	3/8	3/8	3/8	
	Gas Pipe	in.	5/8	5/8	5/8	5/8	
Refrigerant Pipe	Standard Length	m	5.00	5.00	7.50	7.50	
	Max. Length	m	65	75	75	75	
	Max. Height	m	30	30	30	30	

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	IDU		GUD100ZD/A-T	GUD125ZD/A-T	GUD140ZD/A-T	GUD160ZD/A-T
	ODU		GUD100W/NhA-X	GUD125W/NhA-X	GUD140W/NhA-X	GUD160W/NhA-X
Dimensions (H*W*D)	Outline	mm	820*940*460	820*940*460	820*940*460	1345*900*340
	Package	mm	853*1070*560	853*1070*560	853*1070*560	1380*900*340
Weight	Net Weight	kg	89	95	99	112
	Gross Weight	kg	101	107	111	122
Safety Device			High pressure switch Low pressure switch Unloading valve Outdoor fan driver overload protector Thermal protector for indoor Fan Motor Inverter overload protector Fusible plugs. Fuse	High pressure switch Low pressure switch Unloading valve Outdoor fan driver overload protector Thermal protector for indoor Fan Motor Inverter overload protector Fusible plugs. Fuse	High pressure switch Low pressure switch Unloading valve Outdoor fan driver overload protector Thermal protector for indoor Fan Motor Inverter overload protector Fusible plugs. Fuse	High pressure switch Low pressure switch Unloading valve Outdoor fan driver overload protector Thermal protector for indoor Fan Motor Inverter overload protector Fusible plugs. Fuse

1. Product design conforms to EN14511 standards.
2. Air Volume was measured under applicable standard static pressure.
3. Above cooling (heating) capacity is measured under rated working condition. Parameters may be changed due to product improvement. Please refer to the present product nameplate.

	Indoor(°C)	Outdoor(°C)
Cooling	27/19	35/24
Heating	20/15	7/6

5 PRODUCT OPERATION RANGE

	Cooling	Heating
Outdoor temperature DB(°C)	-20~48	-20~24
Indoor temperature DB/WB(°C) (Maximum)	32/23	27/-