

Model No.		9000Btu	12000Btu	18000Btu	24000Btu
Type		heating pump		heating pump	
Control type		remote controller		remote controller	
Declared cooling capacity		2610(910~3070)	3520(1020~3680)	5120(1310~5730)	6810(1500~7110)
Declared heating capacity		2610(910~3320)	3560(1020~4130)	5230(1330~6540)	6850(1500~7530)
Pdesignc		2600	3500	5100	6400
Pdesignh		2500	2900	4800	6000
SEER declared		6.2	6.2	6.3	6.3
Energy Class		A++	A++	A++	A++
SCOP Average declared		4.0	4.0	4.0	4.0
Energy Class		A+	A+	A+	A+
Annual energy consumption	Cooling	kwh/a	147	198	283
	Heating	kwh/a	875	1015	1680
Moisture removal		Liters/h	0.9	1.2	1.8
Indoor sound power(H/M/L/Mute)		dB(A)	50/44/36/29	50/44/36/29	53/48/43/37
Outdoor sound power		dB(A)	60	60	65
Indoor sound pressure(H/M/L/Mute)		dB(A)	40/34/26/19	40/34/26/19	43/40/35/27
Outdoor sound pressure		dB(A)	50	52	55
Electrical Data					
Power supply		220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P
Voltage Range		V	165~265	165~265	165~265
Operating current	Cooling	A	4.3(1.3~5.5)	5.0(1.4~6.1)	6.7(2.3~9.6)
	Heating	A	3.7(1.0~5.3)	4.3(1.4~6.3)	6.7(2.3~10.8)
Power consumption	Cooling	W	740(300~1265)	1134(320~1300)	1500(500~2100)
	Heating	W	640(230~1200)	975(320~1280)	1500(500~2350)
Refrigerating System					
Refrigerant		Gram	R410A/0.65kg	R410A/0.78kg	R410A/1.2kg
Compressor	Type		Rotary	Rotary	Rotary
	Model		39A23MYJ&FJKD	39A23MYJ&FJKD	45A37LYX-PEKH
	MFG		RECHI	RECHI	RECHI
Indoor air circulation		Cooling/heating	m ³ /h	550/550	550/550
Indoor fan type			Cross Flow	Cross Flow	Cross Flow
Indoor fan model			1170030067G	1170030067G	1170030101B
Indoor fan speed H/ML/Mute	Cooling	rpm	1100/900/850/600	1100/900/850/600	1250/1000/900/750
	Heating	rpm	1100/950/700/600	1100/950/700/600	1250/1000/900/750
	Dry	rpm	850	850	900
	Sleep	rpm	850/700	850/700	900/900
Indoor fan motor output		W	20	20	26
Outdoor fan type			Propeller fan	Propeller fan	Propeller fan
Outdoor brand / fan model			GZSDJ-30(DC)	GZSDJ-30(DC)	GZSDJ-33(DC)
Outdoor fan speed		rpm	840/760/660	840/760/660	860/700/500
Outdoor fan motor output		W	33	33	40
Connections					
Evaporator (dimensions/Øpipe/rows)			573×231×25.4/Ø7/2	573×231×25.4/Ø7/2	705×315×25.4/Ø7/2
Condensor (dimensions/Øpipe/rows)			717×504×18.2Ø7/1	717×508×19.05/Ø9/1	770×567×36.4/Ø7/2
Connecting Wiring		Core x Size	4×1.0mm ²	4×1.0mm ²	4×0.75mm ²
Expansion device			Capillary	Capillary	Electronic expansion valve
Connecting Pipe	Gas	Inches	3/8"	3/8"	1/2"
	Liquid	Inches	1/4"	1/4"	1/4"
Others					
Application area		m ²	9~16	15~23	20~35
Max. refrigerant pipe length		m	25	25	25
Max. difference in level		m	10	10	10
Operation temperature range		°C	16-31	16-31	16-31
Ambient temperature range	Outdoor	°C	Cooling:0-53/Heating:-15-30	Cooling:0-53/Heating:-15-30	Cooling:0-53/Heating:-15-30
	Indoor	°C	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30
Net dimensions		Indoor mm	777×250×205	777×250×205	910×292×205
(W x H x D)		Outdoor mm	700×552×256	700×552×256	780×605×290
Net weight		Indoor kg	8.5	8.5	10
		Outdoor kg	24	25	37
Packing dimensions		Indoor mm	848×318×277	848×318×277	977×370×275
(W x H x D) w/o pipe		Outdoor mm	803×585×325	803×585×325	883×653×412
w/i pipe		Outdoor mm	803×600×361	803×600×361	883×653×412
Gross weight		Indoor kg	10.5	10.5	13
		Outdoor kg	27(w/o pipe) 28(w/i pipe)	28(w/o pipe) 29(w/i pipe)	41(w/o pipe) 42(w/i pipe)
Loading Capacity w/o pipe		20'/40'GQ/40'HQ	120/264/294	120/264/294	75/156/190
Loading Capacity w/i pipe		20'/40'GQ/40'HQ	106/219/275	106/219/275	75/156/190