

**Specification of European New Efficiency DC Inverter Split**

Model Name			9000 BTU	12000 BTU	18000BTU	24000 BTU	
Type			heating pump				
Control type			remote controller				
Declared cooling capacity		W	2650(960~3120)	3530(1080~3970)	5130(1250~5920)	6810(1830~7810)	
Declared heating capacity		W	2750(950~3380)	3680(1010~4280)	5230(1350~6280)	6870(1850~7930)	
Pdesignc		W	2600	3500	5100	6800	
Pdesignh		W	2400	3000	4500	5500	
SEER declared		W/W	6,6	6,2	6,3	6,5	
Energy Class			A++	A++	A++	A++	
SCOP Average declared		W/W	4,0	4,0	4,0	4,1	
Energy Class			A+	A+	A+	A+	
Annual energy consumption		Cooling	kwh/a	138	198	283	366
		Heating	kwh/a	840	1050	1575	1878
Moisture removal			Liters/h	0,9	1,1	1,5	1,8
Indoor sound power(H/M/L/Mute)			dB(A)	50/44/36/29	50/44/36/29	53/48/43/37	54/51/48/40
Outdoor sound power			dB(A)	60	60	65	67
Indoor sound pressure(H/M/L/Mute)			dB(A)	40/34/26/19	40/34/26/19	43/40/35/27	44/41/38/30
Outdoor sound pressure			dB(A)	50	50	55	57
<b>Electrical Data</b>							
Power supply			220-240V~50Hz/1P		220-240V~50Hz/1P	220-240V~50Hz/2P	220-240V~50Hz/1P
Voltage Range		V	165~265	165~265	165~265	165~265	
Operating current		Cooling	A	3.9(1.2~6.1)	5.1(1.5~6.9)	7.2(1.7~10.8)	8.9(2.3~12.5)
		Heating	A	4.0(1.2~6.4)	5.2(1.5~7.2)	7.3(1.7~12.0)	9.0(2.3~13.7)
Power consumption		Cooling	W	694(240~1210)	1094(290~1350)	1530(330~2250)	1980(410~2800)
		Heating	W	666(240~1270)	1025(290~1430)	1550(340~2350)	2050(420~3000)
<b>Refrigerating System</b>							
Refrigerant type/Charge/GWP/CO2 equivalent			R32/0.52kg/675/0.351tonnes	R32/0.60kg/675/0.405tonnes	R32/0.92kg/675/0.621tonnes	R32/1.06kg/675/0.716tonnes	
Compressor		Type	Rotary				
		Model	39W23MYJ&FJMD	39W23MYJ&FJMD	C-6RZ146H3BAF	C-6RZ146H3BAF	
		MFG	RECHI				
Indoor air circulation			m³/h				
Cooling/Heating			550/550				
Indoor fan type			Cross Flow				
Indoor fan model			1170030067G				
Indoor fan speed		Cooling	rpm	1150/1000/900/800	1150/950/850/700	1200/1050/900/750	1200/1000/900/700
		Heating	rpm	1150/950/850/700	1150/1000/900/800	1200/1050/900/750	1200/1000/900/700
H/M/L/Mute		Dry	rpm	900	850	900	900
		Sleep	rpm	900/850	850/900	900/900	900/900
Indoor fan motor output		W	20				
Outdoor fan type			Propeller fan				
Outdoor brand / fan model			GZSDJ-30(DC)				
Outdoor fan speed		rpm	840/760/660				
Outdoor fan motor output		W	33				
<b>Connections</b>							
Evaporator (dimensions/Øpipe/rows)			/				
Condensator (dimensions/Øpipe/rows)			/				
Connecting Wiring		Core x Size	4×1.0mm²		4×1.0mm²	4×1.5mm²	4×0.75mm²
Expansion device			Capillary		Capillary	Electronic expansion valve	Electronic expansion valve
Connecting Pipe		Gas	Inches		3/8"	3/8"	1/2"
		Liquid	Inches		1/4"	1/4"	1/4"
<b>Others</b>							
Application area		m²	9~16		15~23	20~35	27~45
Max. refrigerant pipe length		m	25				
Max. difference in level		m	10				
Operation temperature range		°C	16-31				
Ambient temperature range		Outdoor	°C				
		Indoor	°C				
Net dimensions (W x H x D)		mm	777×250×205		777×250×205	910×292×205	1010×315×220
Net weight		kg	700×552×256		700×552×256	780×602×347	845×693×336
Packing dimensions (W x H x D) w/o pipe		mm	803×585×325		803×585×325	890×628×385	960×732×440
w/i pipe		mm	798×585×356		798×585×356	890×628×385	960×732×430
Gross weight		Indoor	kg				
		Outdoor	kg				
Loading Capacity w/o pipe		20'/40'GQ/40'HQ	294		294	212	162
Loading Capacity w/i pipe		20'/40'GQ/40'HQ	275		275	212	153