

Specification of R410A European New Efficiency DC Inverter Split



Model No.			9000Btu	12000Btu	18000Btu	24000Btu
Type						
Control type						
Declared cooling capacity		W	2500(1000~3100)	3200(1000~3500)	5100(1800-5700)	6400(1500-7500)
Declared heating capacity		W	2500(1000~3300)	3200(1000~4000)	5100(1800-6500)	6600(1500-8000)
Pdesignc		W	2,500	3,200	5,100	6,400
Pdesignh		W	2,500	2,800	5,100	6,000
SEER		W/W	5.600	6.100	6.100	6.100
Energy Class		W/W	A+	A++	A++	A++
SCOP		W/W	3.800	4.000	4.000	4.000
Energy Class		W/W	A	A+	A+	A+
Moisture removal		Liters/h	0.8	1.0	1.5	1.6
Indoor sound power	High	dB(A)	50	50	54	60
	Med.	dB(A)	44	46	48	56
	Low	dB(A)	36	38	40	52
Outdoor sound power	High	dB(A)	60	62	65	68
	Med.	dB(A)	56	58	58	66
	Low	dB(A)	52	54	54	62
Electrical Data						
Power supply						
Voltage Range		V	165~265	165~265	165~265	165~265
Operating current	Cooling	A	4.5(1.8~5.6)	4.7(1.3~5.6)	7.6(2.3~9.6)	9.8(1.7~13.5)
	Heating	A	4.3(1.8~5.8)	4.5 (1.3~7.1)	7.5(2.3~10.8)	8.5(1.5~15.5)
Power consumption	Cooling	W	700(280~990)	1030(290~1220)	1660(500-2100)	2150(350-2800)
	Heating	W	725(290~960)	980(290~1550)	1630(500-2350)	1850(300~3200)
Refrigerating System						
Refrigerant		Gram	R410A/0.68kg	R410A/0.83kg	R410A/1.27kg	R410A/2.05kg
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Model		43A23EEL&PJKD	43A23EEL&PJKD	45A33LPX-PEKG	ATL165UDPC9AU
	Frequency range		20-120	25	25	35
	MFG		RECHI	RECHI	RECHI	HIGHLY
Fan System						
Indoor air circulation Cooling/heating		m ³ /h	550/550	650/650	800/850	1100/1200
Indoor fan type			Cross Flow	Cross Flow	Cross Flow	Cross Flow
Indoor brand / fan model			GGSDJ-08(AC)	GGSDJ-08(AC)	GGSDJ-06(H)	GGSDJ-09(DC)
Indoor fan speed H/M/L	Cooling	rpm	1280/1110/900	1280/1110/900	1280/1110/900	1300/1150/950
	Heating	rpm	1250/1080/900	1250/1080/900	1250/1080/900	1300/1150/950
	Dry	rpm	900	900	900	950
	Sleep	rpm	900	900	900	950
Indoor fan motor output		W	18	18	23	50
Outdoor air circulation Cooling/heating		m ³ /h	1900/1900	2100/2100	2400/2400	3200/3200
Outdoor fan type			Propeller fan	Propeller fan	Propeller fan	Propeller fan
Outdoor brand / fan model			GZSDJ-29(DC)	GZSDJ-29(DC)	GZSDJ-33(DC)	GZSDJ-31(DC)
Outdoor fan speed		rpm	900/800/700	900/800/700	900/700/500	1000/860/700
Outdoor fan motor output		W	30	33	68	115
Connections						
Evaporator (dimensions/Øpipe/rows)			617/Ø7/2	617/Ø7/2	705/Ø7/2	617/Ø7/2
Condensor (dimensions/Øpipe/rows)			687/Ø7/1	747/Ø9/1	732/Ø7/2	797/Ø7/2
Connecting Wiring		Size x Core number	4*1.0mm ²	4*1.0mm ²	4*1.5mm ²	4*1.5mm ²
Expansion device			Capillary	Capillary	Electronic expansion valve	Capillary
Connecting Pipe	Gas	Inches	3/8"	3/8"	1/2"	5/8"
	Liquid	Inches	1/4"	1/4"	1/4"	3/8"
Others						
Net dimensions (W x H x D)	Indoor	mm	770*240*180	799*280*183	898*280*200	1033*313*202
	Outdoor	mm	760*551*256	760*551*256	780*605*290	900*315*650
Net weight	Indoor	kg	10	10	11	14
	Outdoor	kg	24	31	40.5	50
Packing dimensions (W x H x D)	Indoor	mm	855*305*255	885*366*278	995*365*298	1103*400*300
	Outdoor	mm	863*361*590	863*325*585	883*412*653	1028*430*705
Gross weight	Indoor	kg	12	12	14	17
	Outdoor	kg	28	36	46	59
Loading Capacity		40'HQ	284	265	190	146