



Specification of R410A European New Efficiency DC Inverter Split

Model No.			STR-09CHSA/LEI	STR-12CHSA/LEI	STR-18CHSA/LEI	STR-24CHSA/LEI
Type			heating pump	heating pump	heating pump	heating pump
Control type			remote controller	remote controller	remote controller	remote controller
Declared cooling capacity	W		2500(900~3000)	3200(1000~3500)	5100(1800-5700)	6400(1500~7000)
Declared heating capacity	W		2500(900~3200)	3200(1000~3650)	5100(1800-6500)	6400(1500~7500)
Pdesignc	W		2500	3200	5100	6400
Pdesignh	W		2500	2600	5100	6000
SEER declared	W/W		6,1	6,1	6,1	6,1
Energy Class			A++	A++	A++	A++
SCOP Average declared	W/W		4,0	4,0	4,0	4,00
Energy Class			A+	A+	A+	A+
Annual energy consumption	Cooling	kwh/a	143	184	293	353
	Heating	kwh/a	875	1020	1784	2175
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	44	48	56
	Low	dB(A)	36	36	40	52
Outdoor sound power		dB(A)	60	60	65	69
Indoor sound noise	High	dB(A)	38	40	44	50
	Med.	dB(A)	34	34	38	46
	Low	dB(A)	26	26	30	42
Outdoor sound noise		dB(A)	50	50	55	59
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	165~265
Operating current	Cooling	A	4.4(1.3~5.5)	6.7(1.4~7.6)	7.6(2.3~9.6)	9.8(1.7~13.5)
	Heating	A	3.7(1.0~4.5)	6.1(1.4~7.2)	7.5(2.3~10.8)	8.5(1.5~15.5)
Power consumption	Cooling	W	730(300~1265)	1130(320~1750)	1660(500-2100)	2150(350~2800)
	Heating	W	600(230~1035)	1020(320~1660)	1630(500-2350)	1850(300~3200)
Refrigerating System						
Refrigerant		Gram	R410A/0.65kg	R410A/0.78kg	R410A/1.2kg	R410A/2.0kg
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Model		39A23MYJ&FJKD	39A23MYJ&FJKD	45A33LPX-PEKG	ATN150D42UFZ

MFG			RECHI	RECHI	RECHI	GMCC	
Indoor air circulation Cooling/heating			m ³ /h	550/550	550/550	800/850	1000/1100
Indoor fan type			Cross Flow	Cross Flow	Cross Flow	Cross Flow	Cross Flow
Indoor fan model			GGSDJ-08(AC)	GGSDJ-08(AC)	GGSDJ-06(H)(AC)	GGSDJ-23	
Indoor fan speed H/M/L or Super/H/M/L	Cooling	rpm	1150/1000/900	1150/1000/900	1280/1120/950	1350/1250/1080/950	
	Heating	rpm	1150/1000/900	1150/1000/900	1230/1100/950	1200/1080/950	
	Dry	rpm	900	900	950	950	
	Sleep	rpm	900	900	950	950	
Indoor fan motor output		W	18	18	26	55	
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	820/700/500	820/700/500	900/700/500	1000/860/700	
Outdoor fan motor output		W	33	33	68	70	
Connections							
Evaporator (dimensions/Øpipe/rows)			604×231×25.4/Ø7/2	604×231×25.4/Ø7/2	705×315×25.4/Ø7/2	797×357×25.4/Ø7/2	
Condenser (dimensions/Øpipe/rows)			717×504×12.7/Ø7/1	717×508×19.05/Ø9/1	730×510×25.4/Ø7/2	879×610×38.1/Ø9.52/2	
Connecting Wiring	Core x Size		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	Indoor	mm	770×240×180	770×240×180	900×280×202	1033×313×202	
(W x H x D)	Outdoor	mm	700×552×256	700×552×256	780×605×290	902×650×307	
Net weight	Indoor	kg	8	8	11	14	
	Outdoor	kg	26	26	40,5	45	
Packing dimensions	Indoor	mm	855×305×255	855×305×255	985×365×298	1103×400×300	
(W x H x D) w/o pipe	Outdoor	mm	803×600×325		883×653×412	1028×705×430	
w/i pipe	Outdoor	mm	803×600×361	803×325×600	883×653×412	1028×705×430	
Gross weight	Indoor	kg	10	10	14	17	
	Outdoor	kg	29(w/o pipe) 30(w/i pipe)	30(w/o pipe) 31(w/i pipe)	45(w/o pipe) 46(w/i pipe)	51(w/o pipe) 54(w/i pipe)	
Loading Capacity w/o pipe	20'/40'GQ/40'HQ		127/264/294	127/264/294	81/161/189	55/124/146	
Loading Capacity w/i pipe	20'/40'GQ/40'HQ		103/235/275	103/235/275	81/161/189	55/124/146	