

AIR CONDITIONER



STARMAX INVERTER

Aire Acondicionado

- CAPACIDAD:
9.000, 12.000, 18.000, 24.000 Btu/h
- REFRIGERANTE: R410A
- VOLTAJE: 208-230V- 60Hz 1Ph
- DIMENSIÓN: 910 * 270 * 355 mm



STARMAX INVERTER unidad exterior

- DIMENSIÓN: 910 * 335 * 585 mm





AIR CONDITIONER STARMAX INVERTER

Model			STI09CRDNM-220	STI12CRDNM-220	STI18CRDNM-220	STI24CRDNM-220
Power supply		Ph-V-Hz	220-230V- 60Hz, 1Ph	220-230V- 60Hz, 1Ph	220-230V- 60Hz, 1Ph	220-230V- 60Hz, 1Ph
Cooling	Capacity	Btu/h	9000	12000	18000	24000
	Input	W	775	1030	1590	2120
	Rated current	A	3,35	4,5	7,3	9,8
	EER	W/W	3,4	3,41	3,3	3,31
Heating	Capacity	Btu/h	---	---	---	---
	Input	W	---	---	---	---
	Rated current	A	---	---	---	---
	COP	W/W	---	---	---	---
Max. input consumption		W	2000	2000	2950	3200
Max. current		A	8,5	8,5	13,5	14,5
Starting current		A	---	---	---	---
Compressor	Model		ASN98D22UEZ	ASN98D22UEZ	DA130M1C-31FZ	DA150S1C-20FZ
	Type		ROTARY	ROTARY	ROTARY	Twin-rotary
	Brand		GMCC	GMCC	GMCC	GMCC
	Capacity	Btu/h	9878	9878	13443	15286
	Input	W	742	742	1005	1150
	Rated current(RLA)	A	5,3	5,3	3,95	9,7
	Locked rotor Amp(LRA)	A	--	--	---	---
	Thermal protector		--	--	---	KSD301
	Thermal protector position		--	--	---	EXTERNAL
	Refrigerant oil/oil charge	ml	Ester Oil VG74 370ml	Ester Oil VG74 370ml	ESTER OIL VG74/480	ESTER OIL VG74/500
Indoor fan motor	Model		RPG20B	RPG20B	RPG45B	RPG50B
	Input	W	43	43	89	102
	Capacitor	uF	1,5	1,5	3	3,5
	Speed(Hi/Mi/Lo)	r/min	1200/1000/700	1220/1000/800	1200 / 900 / 700	1250 / 1100 / 900
Indoor coil	a.Number of rows		2	2	2	2
	b.Tube pitch(a)x row pitch(b)	mm	21x13,37	21x13,37	21x13,37	21x13,37
	c.Fin spacing	mm	1,3	1,3	1,3	1,3
	d.Fin type (code)		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ7, innergroove tube	Φ7, innergroove tube	Φ7, innergroove tube	Φ7, innergroove tube
	f.Coil length x height x width	mm	580x273x26,74	665x315x26,74	760x315x26,74	904x399x26,74
	g.Number of circuits		2	3	5	5



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Model		STI09CRDNM-220	STI12CRDNM-220	STI18CRDNM-220	STI24CRDNM-220	
Indoor air flow (Hi/Mi/Lo)	m3/h	570/480/330	700/570/460	1150/860/670	1500/1320/1080	
Indoor noise level (Hi/Mi/Lo)	dB(A)	40/36/28	42/37/31	48/44/35	50/47/42	
Indoor unit	Dimension(W*D*H)	mm	750x198x280	835x198x280	990x218x315	1186x258x343
	Packing (W*D*H)	mm	830x270x355	910x270x355	1065x300x400	1265x420x340
	Net/Gross weight	Kg	8/10	9/11,5	12 / 15	16 / 20
Outdoor fan motor	Model		YDK24-6KB	YDK24-6GB	YDK49-6B	YDK53-6FB(B)
	Input	W	70/60	75/66	119/96	136/130
	Capacitor	uF	2,5	2,5	2,5	2,5
	Speed	r/min	890 / - / 770	940 / - / 835	860 / - / 680	930 / -- / 830
Outdoor coil	a.Number of rows		1	1,5	2	2
	b.Tube pitch(a)x row pitch(b)	mm	19,5x11,6	19,5x11,6	19,5x11,6	19,5x11,6
	c.Fin spacing	mm	1,2	1,2	1,2	1,2
	d.Fin type (code)		UnHydrophilic aluminium	UnHydrophilic aluminium	Unhydrophilic aluminium	Unhydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ5,innergroove tube	Φ5,inner groove tube	Φ5,innergroove tube	Φ5,innergroove tube
	f.Coil length x height x width	mm	688x507x11.6	744x507x11.6+370x507x11.6	652x546x23.2	782x663x23.2
	g.Number of circuits		2	4	4	4
Outdoor noise level	dB(A)	52	54	57	59	
Outdoor unit	Dimension(W*D*H)	mm	700x240x540	780x250x540	760x285x590	845x320x700
	Packing (W*D*H)	mm	815x325x580	910x335x585	887x355x645	965x395x755
	Net/Gross weight	Kg	23.2/25.2	26.3/28.6	34.5 / 37	44.5 / 48
Refrigerant type	g	R410A/550	R410A/700	R410A/900g	R410A/1180g	
Design pressure	MPa	4,2/1,5	4,2/1,5	4,2/1,5	4,2/1,5	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")
	Max. refrigerant pipe length	m	25	25	30	30
	Max. difference in level	m	10	10	20	20
Connection wiring		1.5(Optional)	1.5(Optional)	2.5(Optional)	2.5(Optional)	
Plug type		--	--	1.5x3	--	
Thermostat type		Remote Control	Remote Control	Remote Control	Remote Control	
Operation temperature	°C	17-30	17-30	17-30	17-30	
Room temperature	Indoor(cooling/ heating)	°C	17-32/---	17-32/---	17-32/---	17-32/---
	Outdoor(cooling/heating)	°C	0-50/---	0-50/---	0-50/---	0-50/---
Application area (Cooling Standard)	m2	12-18	16-23	23-33	29-43	
Qty'per 20' /40' /40'HQ		123/260/290	112/230/255	85/175/208	58/126/141	