



Up to 21 SEER

mission  
ELEGANCE

# Quality and efficiency displayed in modern elegance



### Optimized Design

Alpha Energy processor with Mission X algorithm. Keeps the room cool with low energy consumption.



### Low Noise

20db sound to ensure that everyone in the family sleeps in harmony and without unnecessary noise.



### E-Max Mode

Cooling capacity for 8 hours with only 1kWh of energy consumption.



### 3D Airflow

Movement in multiple directions for airflow throughout the room.



### Smart Connections

WiFi connectivity option via USB Smart Kit, Amazon Echo and Google Home.



### Coating: PrimeGuard™

Greater resistance to oxidation and corrosion to offer long durability.



MODELS:  
MSAG11B-11CRFN1-BT0W | MSAG11B-11CRFN1-MT0W | MSAG11C-17CRFN1-MT0W | MSAG11D-22CRFN1-MT0W  
Requires professional installation - 110v & 220v Applications - Up to 21 SEER  
Consult your air conditioning professional for details.

**OLDACH** TRADING, LLC  
REFRIGERATION, AIR CONDITIONING & VENTILATION SUPPLIER  
[www.oldachtrading.com](http://www.oldachtrading.com)

Indoor		MSAG11B-12CRFN1-BT0WXTBM		MSAG11B-12CRFN1-MT0WXTBM		MSAG11C-18CRFN1-MT0WXTBM		MSAG11D-24CRFN1-MT0WXTBM		
Outdoor		MOX131-12CFN1-BT0WXT		MOX131-12CFN1-MT0WXT		MOX230-18CFN1-MT0WXT		MOX330-24CFN1-MT0WXT		
Power Supply		Ph-V-Hz	115V, 1Ph, 50/60Hz	208-230V, 1Ph, 50/60Hz	208-230V, 1Ph, 50/60Hz	208-230V, 1Ph, 50/60Hz	208-230V, 1Ph, 50/60Hz	208-230V, 1Ph, 50/60Hz	208-230V, 1Ph, 50/60Hz	
Cooling	Capacity (Range)	Btu/h	11500(3300-12500)	11500(3030-12500)	17500(6050-18000)	22000(7700-24000)				
	Input	W	965	960	1570	2150				
	Rated Current	A	8.5	4.2	6.8	9.3				
	EER	Btu/w	11.9	11.98	11.26	10.2				
	SEER	Btu/w	21	21	21	20				
Minimum Circuit Ampacity		A	18	11	16	16				
Heating	Input	W	/	/	/	/				
	Current	A	/	/	/	/				
	COP	W/W	/	/	/	/				
Max. Fuse	A		30	15	20	20				
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY				
	Capacity	W	2035/3255	2035/3255	4315	4315				
	Input	W	325/826	325/826	1090	1090				
	Rated Current(RLA)	A	13.3	5	11	12				
	Refrigerant Oil / Oil Charge	ml	ESTER OIL VG74 310	ESTER OIL VG74 310	ESTER OIL VG74 440	ESTER OIL VG74 440				
Indoor Fan Motor	Input	W	35.0	35	36.0	58.0				
	RLA	A	0.3	0.4	0.2	/				
	Speed(Hi/Mi/Lo)	r/min	1200/1040/960	1200/1040/960	1200/650	1100/650				
Indoor Air Flow (Hi/Mi/Lo)	m3/h		566/430/360	550/395/330	800/600/520	1000/800/680				
	CFM		332.94/252.94/211.76	323.53/232.35/194.12	470.59/352.94/305.88	588.24/470.59/400.00				
Indoor Noise Level (Hi/Mi/Lo)		dB(A)	40.5/35.5/33	40/35.5/30.5	46/38.5/31.5	47.5/39.5/36				
Indoor Unit	Dimension(W*D*H)	mm	802x200x295	802x200x295	871x228x321	1082x234x337				
		inch	31.57x7.87x11.61	31.57x7.87x11.61	38.23x8.98x12.64	42.60x9.21x13.27				
	Packing (W*D*H)	mm	875x285x380	875x285x380	1045x305x405	1155x415x315				
		inch	34.45x11.22x14.96	34.45x11.22x14.96	41.14x12.01x15.94	45.47x16.34x12.40				
	Net/Gross Weight	Kg	8.7/11.1	8.6/11	11.2/14.4	13.6/17.1				
	lbs.	19.18/24.47	18.98/24.25	24.69/31.75	29.98/37.70					
Outdoor Fan Motor	RLA	A	0.6	0.4	0.5	0.6				
	Speed	r/min	850/600	850/600	810/700/600	810/700/550				
Outdoor Air Flow	m3/h		1800	1800	2100	2300				
	CFM		1058.82	1058.82	1235.29	1352.94				
Outdoor Noise Level		dB(A)	54	54.5	55.5	56.5				
Outdoor Unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	765x303x555	805x330x554				
		inch	28.35x10.63x19.49	28.35x10.63x19.49	30.12x11.93x21.85	31.69x12.99x21.81				
	Packing (W*D*H)	mm	835x300x540	835x300x540	887x337x610	915x370x615				
		inch	32.87x11.81x21.26	32.87x11.81x21.26	34.92x13.27x24.02	36.02x14.57x24.21				
	Net/Gross Weight	Kg	23/24.7	22/23.8	27.9/30.3	30.5/33.1				
	lbs.	50.71/54.45	48.50/52.47	61.51/66.80	67.24/72.97					
Refrigerant Type		oz	R410A/0.66	R410A/0.66	R410A/0.9	R410A/37.74				
Design Pressure		PSIG	550/340	550/340	550/340	550/340				
Refrigerant Piping	Liquid Side/ Gas Side	mm	6.35mm/12.7mm	6.35mm/12.7mm	6.35mm/12.7mm	9.52mm/15.9mm				
		inch	1/4in - 1/2in	1/4in - 1/2in	1/4in - 1/2in	3/8in - 5/8in				
	Max. Refrigerant Pipe Length	m	25	25	30	30				
		ft	82.02	82.02	98.42	98.42				
Max. Difference in Level	m	10	10	20	20					
	ft	32.81	32.81	65.62	65.62					
Connection Wiring			16AWG*4 Stranded, unshielded							
Control Type			Wireless Remote Control							

## mission ELEGANCE



**Optimized Design**



**Anti Corrosive Treatment**



**Xtreme Savings**

