



Up to **21 SEER**



An unbeatable choice for **affordable comfort** & **energy savings!**

Revolutionizing technology with more durability & a system of resistance to climate & environment

Corrosion protection

Anti-sulphuration resistance

Black Fin



- Anti-corrosive Coated Pipe (OUTDOOR UNIT)
- Anti-corrosive Coated Pipe (INDOOR UNIT)
- Anti-corrosive Shield
- Anti-corrosive Motor Bracket
- SUS410 stainless steel screws



MODELS: MSAG11B-12CRFNI-BT0WXT | MSAG11B-12CRFNI-MT0WXT | MSAG11C-18CRFNI-MT0WXT | MSAG11D-24CRFNI-MT0WXT | MSAGF-36HRFNX-MT0WXT
Professional installation required - 110v & 220v Applications - Up to 21 SEER
Consult your air conditioning professional for details.

		Indoor	MSAG11B-12CRFN1-BTOWXT	MSAG11B-12CRFN1-MTOWXT	MSAG11C-18CRFN1-MTOWXT	MSAG11D-24CRFN1-MTOWXT	MSAGF-36HRFNX-MR0WXT
		Outdoor	MOX131-12CFN1-BTOWXT	MOX131-12CFN1-MTOWXT	MOX230-18CFN1-MTOWXT	MOX330-24CFN1-MTOWXT	MOD31-36HRFN1-MP0WXT
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
	Capacity (Range)	Btu/h	11500(3300~12500)	11500(3030~12500)	17500(6050~18000)	22000(7700~24000)	36000 (8300~37500)
Cooling	Input	W	965	960	1570	2150	3790
	Rated Current	A	8.5	4.2	6.8	9.3	16.8
	EER	Btu/w	11.9	11.98	11.26	10.2	2.78
	SEER	Btu/w	21	21	21	20	18
Minimum Circuit Ampacity		A	18	11	16	16	36000
Heating	Input	W	/	/	/	/	3790
	Current	A	/	/	/	/	16.8
	COP	W/W	/	/	/	/	2.78
Max. Fuse		A	30	15	20	20	21
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
	Capacity	W	2035/3255	2035/3255	4315	4315	8095
	Input	W	325/826	325/826	1090	1090	2200
	Rated Current(RLA)	A	13.3	5	11	12	10
	Refrigerant Oil / Oil Charge	ml	ESTER OIL VG74 310	ESTER OIL VG74 310	ESTER OIL VG74 440	ESTER OIL VG74 440	VG74/670
Indoor Fan Motor	Input	W	35.0	35	36.0	58.0	58.0
	RLA	A	0.3	0.4	0.2	/	0.28A
	Speed(Hi/Mi/Lo)	r/min	1200/1040/960	1200/1040/960	1200/650	1100/650	1200/960/600
Indoor Air Flow (Hi/Mi/Lo)		m3/h	566/430/360	550/395/330	800/600/520	1000/800/680	1110/760/560
		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	653.28/447.29/329.58
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	54/45/40
Indoor Unit	Dimension(W*D*H)	mm	802x200x295	802x200x295	971x228x321	1082x234x337	1259x283x362
		inch	31.57x7.87x11.61	31.57x7.87x11.61	38.23x8.98x12.64	42.60x9.21x13.27	49.56x11.14x14.25
	Packing (W*D*H)	mm	875x285x380	875x285x380	1045x305x405	1155x415x315	1340x450x385
		inch	34.45x11.22x14.96	34.45x11.22x14.96	41.14x12.01x15.94	45.47x16.34x12.40	52.75x17.71x15.15
	Net/Gross Weight	Kg	8.7/11.1	8.6/11	11.2/14.4	13.6/17.1	19.4/25.2
	lbs.	19.18/24.47	18.96/24.25	24.69/31.75	29.98/37.70	42.76x55.55	
Outdoor Fan Motor	RLA	A	0.6	0.4	0.5	0.6	1.21A
	Speed	r/min	850/600	850/600	810/700/600	810/700/550	1150/1050/900/850
Outdoor Air Flow		m3/h	1800	1800	2100	2300	3800
		CFM	1058.82	1058.82	1235.29	1352.94	2236.46
Outdoor Noise Level		dB(A)	54	54.5	55.5	56.5	65
Outdoor Unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	765x303x555	805x330x554	946x410x810
		inch	28.35x10.63x19.49	28.35x10.63x19.49	30.12x11.93x21.85	31.69x12.99x21.81	37.24x16.14x31.88
	Packing (W*D*H)	mm	835x300x540	835x300x540	887x337x610	915x370x615	1090x500x885
		inch	32.87x11.81x21.26	32.87x11.81x21.26	34.92x13.27x24.02	36.02x14.57x24.21	42.91x19.68x34.84
	Net/Gross Weight	Kg	23/24.7	22/23.8	27.9/30.3	30.5/33.1	68.1/72.1
	lbs.	50.71/54.45	48.50/52.47	61.51/66.80	67.24/72.97	150.13/158.95	
Refrigerant Type		oz	R410A/0.66	R410A/0.66	R410A/0.9	R410A/37.74	R410A/4229.34
Design Pressure		PSIG	550/340	550/340	550/340	550/340	4.2/1.5
Refrigerant Piping	Liquid Side/ Gas Side	mm	6.35mm/12.7mm	6.35mm/12.7mm	6.35mm/12.7mm	9.52mm/15.9mm	9.52mm/15.9mm
		inch	1/4in - 1/2in	1/4in - 1/2in	1/4in - 1/2in	3/8in - 5/8in	3/8in / 5/8in
	Max. Refrigerant Pipe Length	m	25	25	30	30	65
		ft	82.02	82.02	98.42	98.42	213.25
Max. Difference in Level	m	10	10	20	20	30	
	ft	32.81	32.81	65.62	65.62	98.42	
Connection Wiring					16AWG*4 Stranded, unshielded		
Control Type					Wireless Remote Control		

OPTIMIZED DESIGN

Thanks to the **Alpha Energy chip with E-Max algorithm**, Mission X can keep you cool every night with low power consumption.

LOW NOISE

It operates with sound as low as **20 dB** to ensure your sleep is not disturbed.

3D AIRFLOW

The directional air outlet **moves automatically** to direct the airflow to every corner of the room and keep it completely cool.

SMART CONNECTIONS

Optional WiFi connectivity via USB Smart Kit.

E-MAX MODE

Your air conditioner can keep you cool for an 8-hour night period with as little as **1 kWh power consumption** and **three operating power options to conserve energy**.

SELF-CLEANING

Collect condensation to **wash away dust, mold, grease, and bacteria**, deeply purifies the evaporator for fresh air supply.

