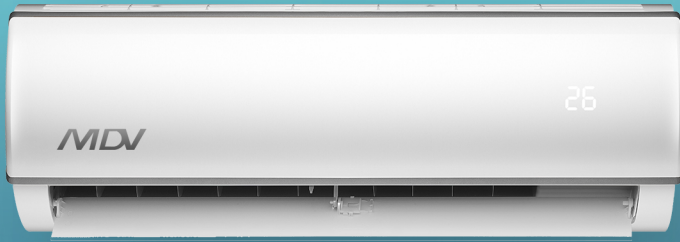


MDV

FOREST

Inverter



UP TO 18 SEER

HIGH EFFICIENCY



Simple

Practical

Modern

**WALL SYSTEMS
MINI SPLIT**

INDOOR MODELS

MSAFB-12CRDN1-BQ0W | MSAFB-12CRDN1-NQ0W | MSAFC-17CRDN1-NW0W | MSAFD-21CRFN1-NQ0W

OUTDOOR MODELS

MOX130-12CFN1-BQ0W | MOX130-12CFN1-NQ0W | MOX230-17CDN1-NQ0W | MOX330-21CFN1-NQ0W

Forest is an air conditioner for daily use structured to fulfill the function of air conditioning areas in your home in a simple, effective and functional way. A system that will help you enjoy more hours of rest or family entertainment. Its modern design allows it to be incorporated anywhere and its efficiency will give you peace of mind of use in the morning, afternoon or night.

Requires professional installation - R410A refrigerant - 115v & 220c AC applications.
Consult with a qualified professional for more information. See reverse for specifications.

AHR CERTIFIED™
www.ahrirectory.org

OLDACH
REFRIGERATION, AIR CONDITIONING & VENTILATION SUPPLIER

SPECIFICATIONS SHEET

Indoor Model		MSAFB-12CRDN1-BQ0W	MSAFB-12CRDN1-NQ0W	MSAFC-17CRDN1-NQ0W	MSAFD-21CRFN1-NQ0W
Outdoor Model		MOX130-12CFN1-BQ0W	MOX130-12CFN1-NQ0W	MOX230-17CDN1-NQ0W	MOX330-21CFN1-NQ0W
Power Supply	Ph-V-Hz	115V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz
Cooling	Capacity (Range)	Btu/h 12000 (4200~13440)	12000 (4200~13440)	17000 (5950~19040)	21000 (7350~23520)
	Input	W 1180	1180	1550	2060
	Rated Current	A 10.4	5.2	6.8	9.1
	EER	Btu/w 10.2	10.2	10.9	10.2
	SEER	Btu/w 18	18	17	17
Compressor	Model	KSK103D33UEZ3	KSK103D33UEZ3	KSK103D33UEZ3	KTN150D30UFZA
	Type	ROTARY	ROTARY	ROTARY	Twin-ROTARY
	Capacity	W 2035/3255	2035/3255	2035/3255	4730
	Input	W 325/826	325/826	325/826	1250
	Refrigerant Oil / Oil Charge	ml ESTER OIL VG74 310	ESTER OIL VG74 310	ESTER OIL VG74 310	ESTER OIL VG74 450
Indoor Fan Motor	Model	YKFG-15-4-28-1	YKFG-20-4-10L	YKFG-28-4-6-5	ZKFP-58-8-1-5
	Input	W 46.0	47.4	58.5	58.0
	Capacitor	uF 3	1.5	1.5	/
	Speed(Hi/Mi/Lo)	r/min 1180/950/750	1180/950/750	1200/1000/800	1200/1000/800
Indoor Air Flow (Hi/Mi/Lo)	m3/h 593/455/337	609/470/350	818/639/515	980/750/610	
Indoor Air Flow (Hi/Mi/Lo)	CFM 348.82/267.65/198.24	358.24/276.47/205.88	481.18/375.88/302.94	576.47/441.18/358.82	
Indoor Noise Level (Hi/Mi/Lo)	dB(A) 40/33.5/27.5	40/33.5/26	43.5/37/30.5	46/40.5/34	
Indoor Unit	Dimension(W*D*H)	mm 805x194x285	805x194x285	957x213x302	1040x220x327
	Dimension(W*D*H)	inch 31.69x7.64x11.22	31.69x7.64x11.22	37.68x8.39x11.89	40.94x8.66x12.87
	Packing (W*D*H)	mm 870x270x365	870x270x365	1035x295x385	1120x405x315
	Packing (W*D*H)	inch 34.25x10.63x14.37	34.25x10.63x14.37	40.75x11.61x15.16	44.09x15.94x12.40
	Net/Gross Weight	Kg 7.7/9.8	7.7/9.8	10.4/13.3	12.3/15.6
	Net/Gross Weight	lbs. 16.98/21.61	16.98/21.61	22.93/29.32	27.12/34.39
Outdoor Fan Motor	Model	ZKFN-20-8-1	ZKFN-20-8-1	YKT-48-6-214-1	ZKFN-56-8-1
	Speed	r/min 850/600	850/600	810	900/700/600
Outdoor Air Flow	m3/h 1800	1800	2100	2500	
Outdoor Air Flow	CFM 1058.82	1058.82	1235.29	1470.59	
Outdoor Noise Level	dB(A) 55	55	56.5	56.5	
Outdoor Unit	Dimensiones(W*D*H)	mm 720x270x495	720x270x495	765x303x555	805x330x554
	Dimension(W*D*H)	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
	Packing (W*D*H)	inch 32.87x11.81x21.26	32.87x11.81x21.26	34.92x13.27x24.02	36.02x14.57x24.21
	Net/Gross Weight	Kg 22.3/24	21.1/22.8	26.5/28.9	30.1/32.6
	Net/Gross Weight	lbs. 49.16/52.91	46.52/50.26	58.42/63.71	66.36/71.87
Refrigerant Type	oz R410A/0.51	R410A/0.51	R410A/0.82	R410A/1.06	
Additional Charge per Meter	g/m 15	15	15	30	
Additional Charge for Each Ft	oz/ft 0.16	0.16	0.16	0.32	
Refrigerant piping	Liquid side/ Gas side	mm 6.35 / 12.7	6.35 / 12.7	6.35 / 12.7	9.52 / 15.9
		mm(inch) 1/4 / 1/2	1/4 / 1/2	1/4 / 1/2	3/8 / 5/8
	Max. Refrigerant Pipe Length	m 25	25	30	30
	Max. Refrigerant Pipe Length	ft 82.02	82.02	98.42	98.42
	Max. Difference in Level	m 10	10	20	20
	Max. Difference in Level	ft 32.81	32.81	65.62	65.62
Connection Wiring		16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded
Thermostat type		Remote Control	Remote Control	Remote Control	Remote Control
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 16~23	16~23	23~33	28~41	
Application Area (Cooling Standard)	sq.ft 172.22~247.57	172.22~247.57	247.57~355.21	301.39~441.32	

PRODUCT HIGHLIGHTS

- * Optional Wi-fi connectivity via USB Smart kit
- * Super Quiet
- * Hide Away LED Digital Display
- * ECO Mode
- * Emergency Using Function
- * Refrigerant Leakage Detect
- * High density filter
- * Direct pull out filter
- * Slide out chassis
- * Louver position memory
- * Wall installation saves you interior space
- * Easy to clean front face
- * Refrigerant pipes can be adapted on both sides or below the indoor unit.



MIDEA GOLDEN FIN:

The unique anticorrosive Golden coating on the condenser protects from salty water, rain and other corrosive elements. Also, reduces bacteria reproduction and improves heat efficiency.

