

**Up to 18
SEER!**

FOREST 60Hz

Hi-Wall Inverter Systems



Forest Split

Standard Features

- Emergency Usage
- Mute Operation
- Refrigerant Leakage Detect
- LCU Position Memory
- Manual ON/OFF
- Fire-proof Electric Box
- High Density Filter

Optional Features

- Remote In-Engine Mode
- Follow Me
- B/C Heating
- Chair Heating Belt
- Compressor Heating Belt
- Super Ionizer
- WiFi Control
- Front Desk Control
- Wind Control
- Central Control Management

FOREST 60Hz SPECIFICATIONS



Indoor			MSAFB-12CRDN1-BQ0W	MSAFB-12CRDN1-NQ0W	MSAFC-17CRDN1-NQ0W	MSAFD-21CRFN1-NQ0W
Outdoor			MOX130-12CFN1-BQ0W	MOX130-12CFN1-NQ0W	MOX230-17CFN1-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	18.0	18.0	17	17
Compressor	Type		ROTARY	ROTARY	ROTARY	Twin-ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC
	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)	m ³ /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	481.18/375.98/302.94	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	m ³ /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	Dimension(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 metre	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(inch)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
	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			



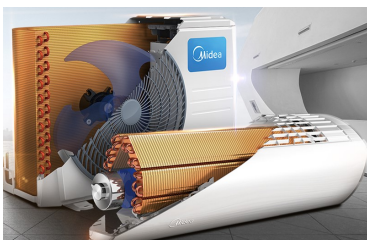
- * Optional Wi-fi connectivity via USB Smart kit
- * Super Quiet
- * Hide Away LED Digital Display
- * ECO Mode
- * Emergency Using Function
- * Refrigerant Leakage Detect
- * High density filter
- * Direct pull out filter
- * Slide out chassis
- * Louver position memory



- * Wall installation saves you interior space.
- * Easy to clean front face.



- * Refrigerant pipes can be adapted on both sides or below the unit interior for added convenience to time to install.



Gold fin condenser

Requires professional installation.
R410A Refrigerant - 220v Applications

Consult your Air Conditioning professional for more details.
See reverse for product information.

