



Air Conditioning Systems

mission **ULTRA**



Up to **42**  
SEER

# Inverter Mini Split Systems

## Top Efficiency Class

Midea Ultra series is equipped with ultra-high energy efficiency technology A+++.

## Comfort Airflow

Oasis offers the feeling spring in every corner of your room. Cool air up to the ceiling, enjoy a more homogeneous coolness around.

## Intelligent Eye

Wind flow follow people Wind flow away from people.

## Comfort Humidity

With smart sensor technology, not only detect the temperature but also detect humidity level of the room.

## Auto Photosensitive Display

The unit has a build-in light sensor to detect the ambient brightness. When the light is turned off, the display will dim down gradually, saving energy and offering a comfortable sleep.

**INDULGE IN COMFORTABLE COOLNESS WHILE SIGNIFICANTLY REDUCING ENERGY CONSUMPTION.**

### Models

MSOP1B-09HRFN1-MZA5W | MSOP1B-12HRFN1-MZ50W | MS11M-30HRFN1-MROW

Requires professional installation.  
R410A Refrigerant - 230v Applications

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



**OLDACH**  
REFRIGERATION, AIR CONDITIONING & VENTILATION SUPPLIER

		Indoor	MSOP1B-09HRFN1-MZA5W	MSOP1B-12HRFN1-MZ50W	MS11M-30HRFN1-MR0W
		Outdoor	MOCA30-09HFN1-MZA5W	MOCA30-12HFN1-MZ50W	MOD30-30HFN1-MR0W
Power supply		Ph-V-Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208-230V~ 60Hz, 1Ph
Cooling	Capacity	Btu/h	9000	12000	30000
	Input	W	600	889	2605
	Rated current	A	2.60	3.87	11.5
	EER	Btu/w	15	13.5	11.5
	SEER	Btu/w	42	32	19.8
Heating	Capacity	Btu/h	10000	12000	30000
	Input	W	715	828	3410
	Rated current	A	3.12	3.6	15
	COP	W/W	4.1	4.25	2.578444888
	HSPF4	Btu/w	15	14	9.4
Electrical	HSPF5	Btu/w	13	11	8
	Minimum Circuit Ampacity	A	11	11	20
Compressor	Max Fuse	A	15	15	30
	Type		ROTARY	ROTARY	ROTARY
Indoor fan motor	Input	W	870W	870W	1970
	Rated current(RLA)	A	6.15A	6.15A	----
	Locked rotor Amp(LRA)	A	15A	15A	---
	Refrigerant oil/oil charge	ml	ESTER OIL VG74/500	ESTER OIL VG74/500	POE(VG74)/670
	Model		ZKFP-20-8-6-7	ZKFP-20-8-6-7	ZKFP-60-8-1
Indoor unit	Input	W	50.0	50.0	60(Output)
	Speed(Hi/Mi/Lo)	r/min	1200/850/650	1300/950/650	1200/1100/900
	Indoor air flow (Hi/Mi/Lo)	m <sup>3</sup> /h	502/416/245	520/430/290	1150/1000/800
	Indoor noise level (Hi/Mi/Lo)	dB(A)	40/31.5/23	41.5/32.5/23.5	49/42/37.5
	Dimension(W*D*H)	inch	35x10x12	35x10x12	47x10x14
Outdoor fan motor	Packing (W*D*H)	inch	39x15x14	39x15x14	50x13x17
	Net/Gross weight	Kg	13/17.1	13/17.1	18.2/22.8
Outdoor unit	Model		ZKFN-50-8-2	ZKFN-50-8-2	ZKFN-120-8-2
	Input	W	115.0	115.0	150
	Speed	r/min	850/750/600	700/600/450	----
	Outdoor air flow	m <sup>3</sup> /h	2350	2350	3619
	Outdoor noise level	dB(A)	55.5	56	59
Refrigerant	Dimension(W*D*H)	inch	33.27x14.29x27.64	33.27x14.29x27.64	37.24x16.53x31.89
	Packing (W*D*H)	inch	37.99x15.55x30.12	37.99x15.55x30.12	42.91x19.68x34.05
	Net/Gross weight	Kg	52.362/55.562	49.962/53.162	61.9/67.8
Refrigerant piping	Refrigerant type	oz	R410A/56.44	R410A/56.44	R410A/90.7
	Refrigerant precharge	ft	25	25	25
	Design pressure	PSIG	550/340	550/340	550/340
Miscellaneous	Liquid side/ Gas side	inch	1/4in - 3/8in	1/4in - 1/2in	3/8in - 5/8in
	Max. refrigerant pipe length	m	25	25	50
Room temperature	Max. difference in level	m	10	10	25
	Connection wiring		16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded
Miscellaneous	Thermostat type				Remote Control
	Indoor(cooling/ heating)	°F	63~90/0~86	63~90/0~86	63~90/0~86
Miscellaneous	Outdoor(cooling/heating)	°F	-22~86/-86~86	-22~86/-22~86	5~122/5~86

## Standard Features & Benefits



Anticaterial air filter



Hi-Density dust filter



Optional Wi-Fi connectivity via USB Smart Kit



Less than 1 watt of power consumption in "Stand-By" mode



Hide-Away LED digital display / Full LCD display



Low noise operation



Air dispersion blade with last position memory



Auto-Resart funtion Returns unit to operating mode



Drying mode funtion Removes humidity from the air