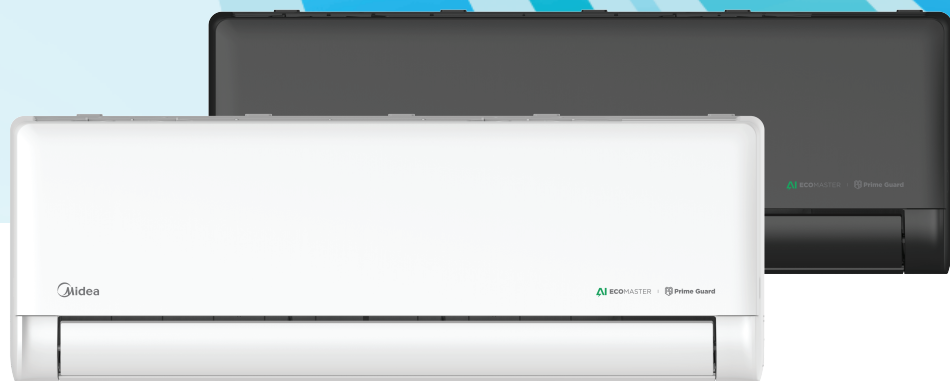


KETTANEH
LET'S PARTNER FOR LIFE

Midea



AI ECOMASTER

AI-POWERED COMFORT, EFFORTLESS SAVING



ECO MASTER

AI-POWERED COMFORT, WITH PROFESSIONAL LONG-TERM USE PERFORMANCE

Powered by AI and advanced inverter technology, Air Pro intelligently optimizes cooling and heating for fast comfort, lower energy consumption, and quiet operation delivering reliable performance and smart comfort every day.

Pro-Level Fast Cooling & Heating

High-performance operation delivers rapid temperature control with the 180° rotating wind deflector, ensuring immediate comfort in all seasons.

Energy Efficient Inverter Technology

Advanced inverter system maintains stable performance while reducing energy consumption and operating costs.

Reliable Quality Under Different Conditions

With Hyper Graphins technology, Midea air conditioners can operate under high temperatures and are protected from corrosion, ensuring reliable performance in different conditions.

Low Noise Operation

Optimized operation reduces power consumption while maintaining stable and comfortable indoor temperatures.

Smart AI Technology

Through the Midea SmartHome application, you have an intelligent manager for your air conditioner that automatically adjusts the temperature based on your usage habits while helping you save on energy bills.

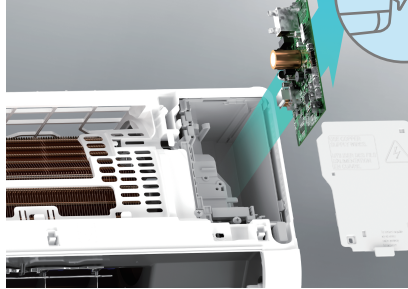
Highlights

Easy to install



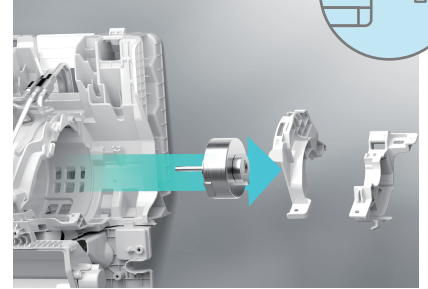
The easy installation with the pull down structure, improves the visibility of the enlarged working space

Pull Out PCB Design



Quick PCB replacement without removing the panel frame.

Fan Motor Repair Upgrade



Motor replacement without dismantling the evaporator.

56°C clean



Removes internal dust and moisture to prevent bacteria buildup and maintain cleaner air.

AI Humidity Control



Maintains optimal indoor humidity, preventing dryness and elevating home comfort.

Smart Control



Control AC anytime, anywhere and master visible energy management.

Energy Saving



Track energy consumption and optimize usage through smart monitoring for better efficiency, up to 30% energy savings under the ECO master function.

Air Magic



Negative ions help inhibit bacteria and viruses, improving air cleanliness and sterilization efficiency.

Hyper Graphins



Hyper Graphins protect against corrosion and feature higher vertical thermal diffusivity (VTD), heating 31% faster than golden coating.

Model			MSEZW-12HRFN8-INV/ MSEZB-12HRFN8-INV	MSEZW-18HRFN8-INV/MSEZB-18HRFN8-INV	MSEZW-24HRFN8-INV/MSEZB-24HRFN8-INV
Power supply			220_240V_1Ph,FREQUENCY_50HZ	220_240V_1Ph,FREQUENCY_50HZ	220_240V_1Ph,FREQUENCY_50HZ
Cooling (Standard conditions)	Capacity	Btu/h	12000(3800~12965)	18000(6200~21000)	24000(7165~26613)
	Input	W	1350(83~1500)	1550(140~2300)	2600(420~3900)
	Current	A	6,3(0,8~6,7)	6,7(0,6~10)	11,5(1,8~15)
	EER	W/W	2,61	3,40	2,71
Heating (Standard conditions)	Capacity	Btu/h	13000(3698~13818)	19000(4400~23000)	25000(5459~26613)
	Input	W	1190(167~1350)	1570(220~2350)	2150(300~2500)
	Current	A	5,4(1,4~6,0)	6,8(0,95~10,2)	11(1,3~11,1)
	COP	W/W	3,20	3,55	3,40
Seasonal Cooling	Pdesignc	kW	3,5	5,2	7,0
	SEER	W/W	6,8	7,6	7,0
	Energy Efficiency Class		A++	A++	A++
Heating (Warmer)	Pdesignh	kW	3,0	4,6	5,6
	SCOP	W/W	5,3	5,6	5,4
	Energy Efficiency Class		A+++	A+++	A+++
	Tbiv	°C	2	2	2
	Tol	°C	-10	-10	-10
Compressor	Model		KSN98D13UEZ32	KSN140D33UFZB3	KTM2900D27UKT3
	Type		ROTARY	ROTARY	TWIN-ROTARY
	Brand		GMCC	GMCC	GMCC
	Capacity	W	1915/3050±3%	2690/4350±3%	4505/7270±3%
	Input	W	310/800±3%	434/1127±3%	767/1980±3%
	Rated current(RLA)	A	2,35/4,95±3%	3,18/6,9±3%	4,15/9,15±3%
Refrigerant oil/oil charge	ml	POE VG74 280±10 ml	ESTER OIL VG74 420±10ml	POE VG74 500±15ml	
Indoor fan motor	Model		ZKFP-31-8-1L	ZKFP-35-10-188L	ZKFP-58-8-26L
	Input	W	48,6	60	101
	Output	W	31	35	58
	Speed(Hi/Mi/Lo)	r/min	1020/890/820	1000/868/802	1050/910/840
Indoor coil	a.Number of rows		1,0	2	2
	b.Tube pitch(a)x row pitch(b)	mm	18x17,3	Φ5.Inner groove tube	Φ5.Inner groove tube
	c.Fin spacing	mm	1,3	19,5x11,6	19,5x11,6
	d.Fin type (code)		Hydrophilic aluminum	1,3	1,3
	e.Tube outside dia.and type	mm	Φ5.Inner groove tube	Hydrophilic aluminum	Hydrophilic aluminum
	f.Coil length x height x width	mm	620x72x17,3+620x108x23,2+620x108x17,3	770x195x23,2+770x117x23,2	820x214,5x23,2+820x117x23,2
	g.Number of circuits		2	4	6
Indoor air flow (Hi/Mi/Lo/Si)	m³/h	591/424/341/186	850/568/462/315	1039/752/606/374	
Indoor noise level (Hi/Mi/Lo/Si)	dB(A)	39/32/24/20	42,5/36/26/20	45/39,5/36/20	
Indoor sound power level	dB(A)	56,0	58,0	60,0	
Indoor unit	Dimension(W*D*H)	mm	813x201x289	975x218x308	1,055x231x330
	Packing (W*D*H)	mm	870x270x365	1,035x295x385	1,130x405x310
	Net/Gross weight	kg	7,4/9,7	10,3/13,3	12,4 / 15,9
Outdoor fan motor	Model		ZKFN-25-10-6L	ZKFN-34-10-1L-1	ZKFN-80-10-1L-1
	Input	W	75,5	71,5	108,3
	Output	W	25	34	80
	Speed	r/min	810/700/600	830/700/650	830/730/550
Outdoor coil	a.Number of rows		1	2	1,6
	b.Tube pitch(a)x row pitch(b)	mm	18x17,3	18x17,3	18x17,3
	c.Fin spacing	mm	1,3	1,3	1,3
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ5.Inner groove tube	Φ5.Inner groove tube	Φ5.Inner groove tube
	f.Coil length x height x width	mm	695x468x17,3	870x504x34,6	900*612*17,3+540*612*17,3
	g.Number of circuits		3	8	8
Outdoor air flow	m³/h	1750	2100	3500	
Outdoor sound pressure level	dB(A)	56	56	60	
Outdoor sound power level	dB(A)	63,0	65,0	67,0	
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	805x330x554	890x342x673
	Packing (W*D*H)	mm	835x300x540	915x370x615	995x398x740
	Net/Gross weight	kg	20,4/22,3	28,3/32,3	38,3/41,5
Refrigerant	Type		R32	R32	R32
	GWP		675	675	675
	Charged quantity	kg	0,490	0,800	0,950
Design pressure	MPa		4,3/1,7	4,3/1,7	4,3/1,7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6,35mm(1/4in)/9,52mm(3/8in)	6,35mm(1/4in)/12,7mm(1/2in)	6,35mm(1/4in) / 12,7mm(1/2in)
	Max. refrigerant pipe length	m	25	30	50
	Max. difference in level	m	10	20	25
Connection wiring			1,5x5//	1,5x5//	2,5x5//
Plug type			//no-plug	//no-plug	//no-plug
Thermostat type			Remote Control	Remote Control	Remote Control
Room temperature	Indoor(cooling/ heating)	°C	16~32/0~30	16~32/0~30	16~32/0~30
	Outdoor(cooling/heating)	°C	-15~-50/-20~-24	-15~-50/-20~-24	-15~-50/-20~-24
Application area (Cooling Standard)	m²		16~23	24~35	32~47
Qty per 20' /40' /40'HQ			130/275/310	86/182/208	65/130/150