

The Midea logo, consisting of a stylized white 'M' inside a blue circle, followed by the word 'Midea' in a white sans-serif font, all set against a blue rectangular background.

Midea PW^{HP} Packaged Window Heat Pump

Compact but Capable,
Easy but Exceptional,
Equivalent to Mainstream Heat Pumps.



Real Heat Pump Performance

As an innovative window heat pump unit for high-rise building, it can achieve a real heat pump heating capability with advanced technologies, working reliably in cold climate conditions.

5°F/-15°C
100% Heating
With COP up to 2.0

-22°F/-30°C
Continuous
Operation



VS



VS



Better Heating Performance than traditional window AC with auxiliary heater

Great Heating Performance equal to traditional high-wall split AC

What Heat Pump Technologies Do We Have?

Advanced M-POWEVI Compressor

Ensure Stable Operation with HVAC Performance.



Mainstream Heat Pump System

Midea PW HP

Heat Recovery Technology

To Prevent The Core Condensate Components from Freezing

Atomized Drainage

Helps Manage Condensate without Additional Plumbing



Optimal Heat Pump Solution For Savings

Save Energy and Money



CEER 17.6 | HEER 11.0



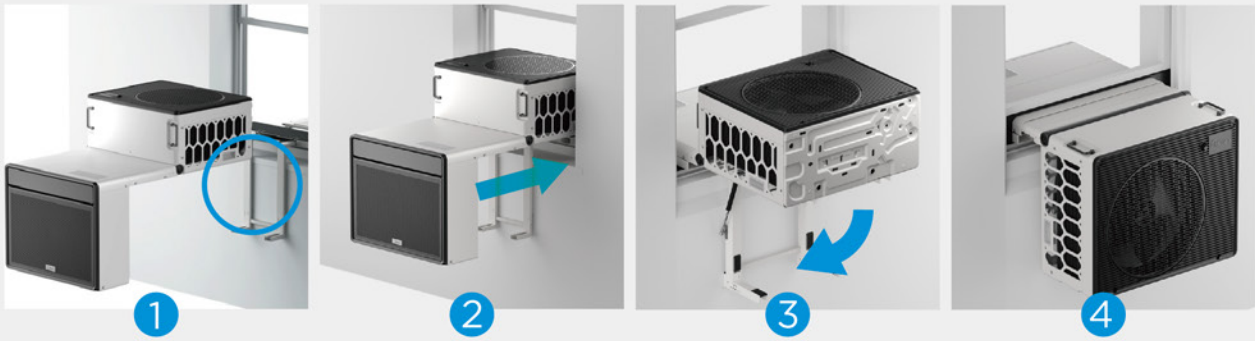
Up to
61.5%
Energy Savings*
than Traditional Window AC Unit

*Data calculated and comparison based on the Coefficient of Energy Efficiency Ratio of a 9K traditional window AC with DOE standard and a 9K PWHP.



Save Installation Time

Designed with multi-family in mind, the innovative saddle shape installs in hung windows taking up very little of the window view. One unit combines both indoor and outdoor sections so no refrigerant line or electrical connections are required.



Save Complex Steps and Costs

Midea Packaged Window Heat Pump

Only install One Unit with Compact Design More cost-effective and easier installation process than traditional split system.

Split AC Systems

Install 2 Units (ODU+IDU)



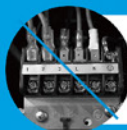
NO
Professionals



NO
Drainage Pipe



NO
Refrigerant
Connections



NO
Wiring
Connections

VS



Optimal Heat Pump Solution For Room Comfort

Further Cooling

The advanced air duct system provides widespread cooling or heating throughout the room.



Block Noise Outside

The saddle shape design reduces compressor noise and the inverter system is ultra quiet and low vibration.



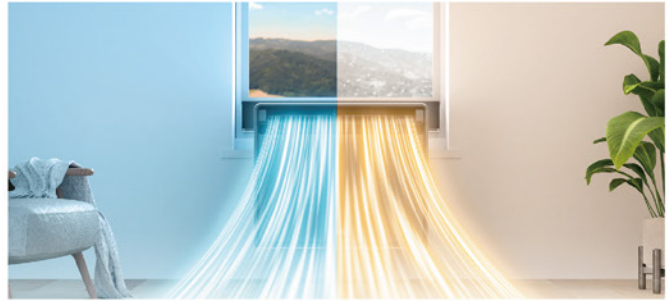
Better Heating Comfort

Enjoy instant and cozy warmth as warm air blows directly around your body.



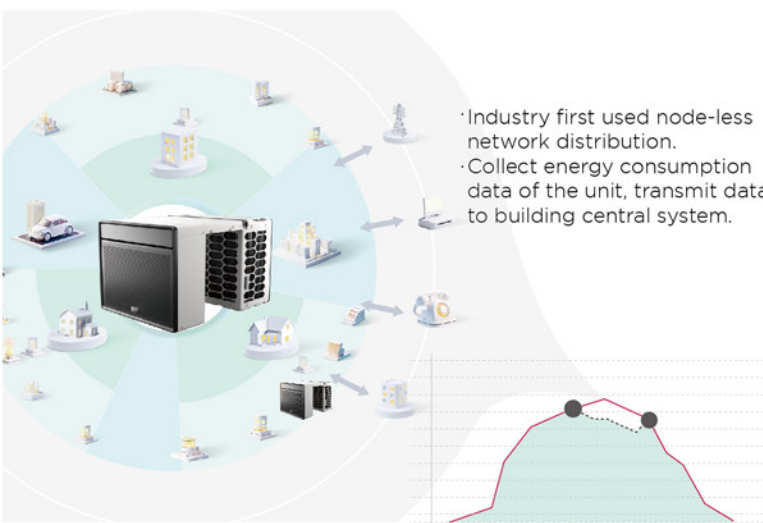
Year Round Room Comfort

Enjoy exceptional cooling and heating experience with extraordinary efficiency.

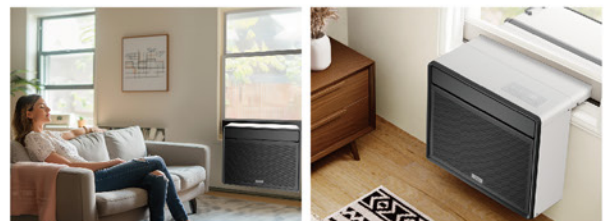


A Real Heat Pump Designed For More

Smart Centralized Control with BACnet Capability

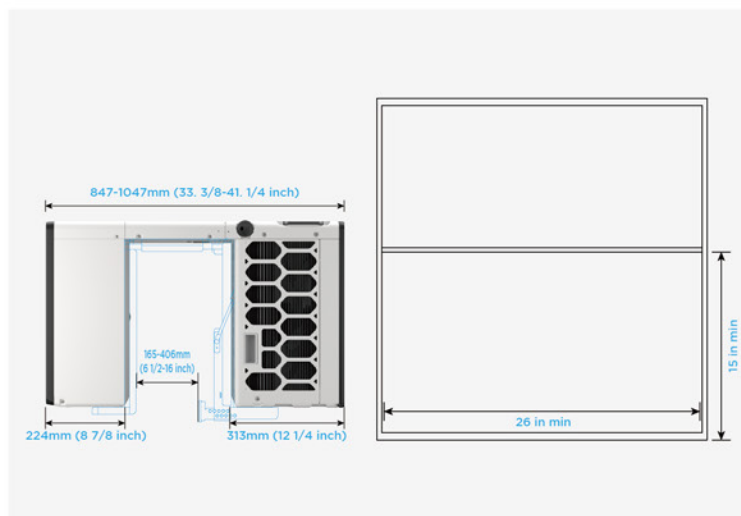


Multi Scenario Usages For Enjoyable Demands



Specification

Basic Information	Bacnet Version/Wifi Version Country/Area	MAH09NIAGR		MAH09HIAGR		MAH09BIAGR		MAH09SIAGR	
		United States		United States		United States		United States	
Power supply	V-Hz-Ph	115V, 60Hz		115V, 60Hz		115V, 60Hz		115V, 60Hz	
	Voltage Range	103-126		103-126		103-126		103-126	
National Certification	Cooling Capacity	9500		9500		9500		9500	
	Cooling Input	780		780		780		780	
	Cooling Current	7.2		7.2		7.2		7.2	
	CEER	17.6		17.6		17.6		17.6	
	EER	12.4		12.4		12.4		12.4	
	Cooling At 109F(43°C)	7000		7000		7000		7000	
	Cooling At 92F(33.3°C)	9850		9850		9850		9850	
	Cooling At 92F(33.3°C)	13.13		13.13		13.13		13.13	
	Heating Capacity	9000		9000		9000		9000	
	Heating Input	650		650		650		650	
	Heating Current	5.6		5.6		5.6		5.6	
	HEER	11.0		11.0		11.0		11.0	
	COP	4.05		4.05		4.05		4.05	
	Heating(H32) Rated Capacity	9000		9000		9000		9000	
	Heating(H32) Cop	2.5		2.5		2.5		2.5	
	Heating(H42) Rated Capacity	9000		9000		9000		9000	
	Heating(H42) Cop	2.08		2.08		2.08		2.08	
	Heating At 17F (-8.33°C) Rated Capacity	9000		9000		9000		9000	
	Heating At 5F(-15°C) Rated Capacity	9000		9000		9000		9000	
	Heating At -4F (-20°C) Rated Capacity	7500		7500		7500		7500	
	Heating At -13F (-25°C) Rated Capacity	6200		6200		6200		6200	
	Heating At -22F (-30°C) Rated Capacity	5000		5000		5000		5000	
	MINIMUM CIRCUIT AMPACITY	15		15		15		15	
	MAX.FUSE	20		20		20		20	
	Indoor Indoor Fan Motor Ria	0.1		0.1		0.1		0.1	
	Outdoor Outdoor Fan Motor Ria	0.29		0.29		0.29		0.29	
	Outdoor Compressor Rated Current(Ria)	6.00		6.00		6.00		6.00	
	Indoor Indoor Air Flow (Hi/Lo/Si)	m ³ /h		589 / 350 / 214		589 / 350 / 214		589 / 350 / 214	
Indoor Indoor Air Flow (Hi/Lo/Si)	CFM		346 / 205 / 126		346 / 205 / 126		346 / 205 / 126		
Indoor Noise Level (Hi/Lo/Si)	dB(A)		51/43/30(Heating Mode)		51/43/30(Heating Mode)		51/43/30(Heating Mode)		
Indoor sound power level (Hi/Lo/Si)	dB(A)		57/47/39(Heating Mode)		57/47/39(Heating Mode)		57/47/39(Heating Mode)		
Outdoor Outdoor Air Flow	m ³ /h		1624/1151/410		1624/1151/410		1624/1151/410		
Outdoor Outdoor Air Flow(Cfm)	CFM		955/677/241		955/677/241		955/677/241		
Outdoor Noise Level (Hi)	dB(A)		65.6/-/42(Heating Mode)		65.6/-/42(Heating Mode)		65.6/-/42(Heating Mode)		
Basic Parameter(NC)	N.A. Design Pressure	PSI		550 / 340		550 / 340		550 / 340	
	Outdoor Refrigerant Type	R32		R32		R32		R32	
	Outdoor Refrigerant Charge	kg		0.915		0.915		0.915	
	Outdoor Refrigerant Charge	oz		32.3		32.3		32.3	
	Room Temperature_Indoor(Cooling)	°C		16~29		16~29		16~29	
	Room Temperature_Outdoor(Cooling)	°C		18~50		18~50		18~50	
	Room Temperature_Indoor(Heating)	°C		13~29		13~29		13~29	
	Room Temperature_Outdoor(Heating)	°C		-25~30		-25~30		-25~30	
	Indoor Operating Temp. Range(Cooling)	°F		60~85		60~85		60~85	
	Outdoor Operating Temp. Range(Cooling)	°F		64~122		64~122		64~122	
	Indoor Operating Temp. Range(Heating)	°F		55~85		55~85		55~85	
	Outdoor Operating Temp. Range(Heating)	°F		-13~86		-13~86		-13~86	
Size/Weight	Unit Net/gross Weight	kg		57.7/64.1		57.7/64.1		66/78	
	Unit Net/gross Weight	lb		127.2/141.3		127.2/141.3		145.5/172	
	Unit Package Dimension(W×d×h)	mm		940×720×580		940×720×580		940×720×580	
	Unit Package Dimension(W×d×h)	inch		37×28 3/8×22 7/8		37×28 3/8×22 7/8		37×28 3/8×22 7/8	
	Bracket Net/Gross weight	kg		8.3/14		8.3/14		8.3/14	
	Bracket Net/Gross weight	lb		18.3/30.9		18.3/30.9		18.3/30.9	
	Bracket Packing (W×D×H)	mm		710×710×315		710×710×315		710×710×315	
Bracket Packing W×D×H	inch		28×28×12 3/8		28×28×12 3/8		28×28×12 3/8		
Electrical Motor	Qty/per 20' /40' /40'HQ	Unit and Bracket		52/105/120		52/105/120		72/145/148	
	Indoor Indoor Fan Motor Model			ZKFP-22-8-4		ZKFP-22-8-4		ZKFP-22-8-4	
Outdoor Electrical Motor	Indoor Output	W		22		22		22	
	Indoor Motor Speed(Hi/Lo/Si)	r/min		900/600/400(Heating Mode)		900/600/400(Heating Mode)		900/600/400(Heating Mode)	
	Outdoor Outdoor Fan Motor Model			ZKFN-66-10-1L		ZKFN-66-10-1L		ZKFN-66-10-1L	
Compressor	Outdoor Outdoor Fan Motor Output	W		66.0		66.0		66.0	
	Outdoor Outdoor Fan Motor Speed(Hi/Mid/lo)	r/min		1180/900/420(Heating Mode)		1180/900/420(Heating Mode)		1180/900/420(Heating Mode)	
Compressor	Outdoor Compressor Type	ROTARY		ROTARY		ROTARY		ROTARY	
	Outdoor Compressor Model	KCK103D33UE4KR3		KCK103D33UE4KR3		KCK103D33UE4KR3		KCK103D33UE4KR3	
	Outdoor Compressor Brand	GMCC		GMCC		GMCC		GMCC	
	Outdoor Compressor Capacity	W		3160		3160		3160	
	Outdoor Compressor Input Power	W		845		845		845	
	Outdoor Compressor Rated Current	A		6.00		6.00		6.00	
	Outdoor Refrigerant Oil	POE VG75R		POE VG75R		POE VG75R		POE VG75R	
Outdoor Refrigerant Oil Charge	mL		280		280		280		





make yourself at home



www.mideacomfort.us



www.mideacomfortna.ca