



Midea PWHP

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 PWHP

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%

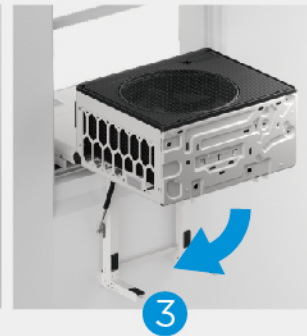
Energy Savings*
than Traditional Window AC Unit

*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.



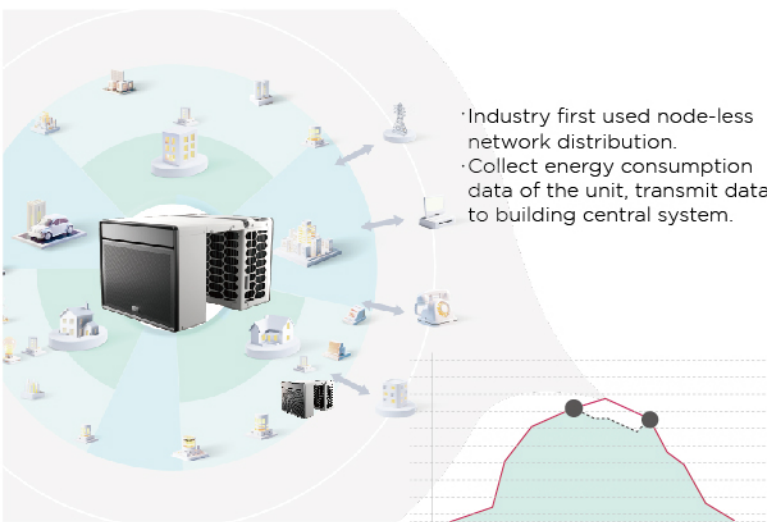
Year Round Room Comfort

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



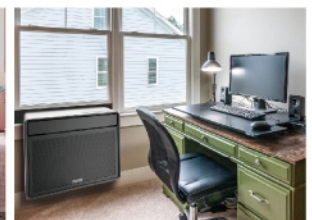
Living Room



Bedroom



Nursing Room

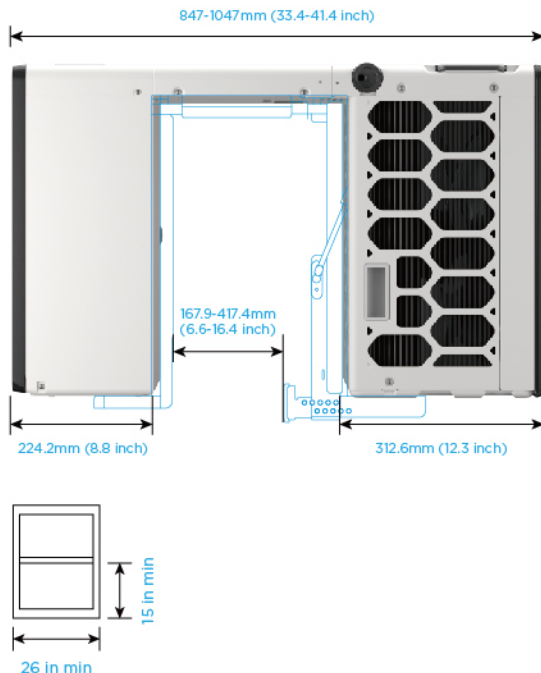


Office

Specification

Code		PWHP
Indoor code		22020310004777
outdoor code		/
Model		MWCUPWHP-09HEFN8-BCL1
Indoor		/
Outdoor		/
Customer Model-Indoor		
Customer Model-Outdoor		
Power supply (Indoor)	V- Ph-Hz	115V/1Ph, 60Hz
Power supply (Outdoor)	V- Ph-Hz	115V/1Ph, 60Hz
Power supply	Voltage range	V
Cooling (Standard conditions)	Capacity (range)	Btu/hr
	Input	W
	Current	A
	EER	Btu/hr/W
	CEER	Btu/hr/W
Heating (Standard conditions)	Capacity (range)	Btu/hr
	Input	W
	Current	A
	COP	W/W
	HEER	Btu/hr/W
Cooling at 109 F (43°C)	Rated capacity	Btu/hr
Cooling(35°C)	Rated capacity	Btu/hr
Cooling(33.3°C)	EER	Btu/hr/W
	Rated capacity	Btu/hr
Heating at 47F (8.33°C)	EER	Btu/hr/W
	Rated capacity	Btu/hr
Heating at 17F (-8.33°C)	COP	W/W
	Rated capacity	Btu/hr
Heating at 5F (-15°C)	COP	W/W
	Rated capacity	Btu/hr
Heating at -4F (-20°C)	COP	W/W
	Rated capacity	Btu/hr
Heating at -13F (-25°C)	COP	W/W
	Rated capacity	Btu/hr
Heating at -22F (-30°C)	COP	W/W
	Rated capacity	Btu/hr
Moisture removal	L/h	/
MINIMUM CIRCUIT AMPACITY(Indoor)	A	/
MAX.FUSE(Indoor)	A	/
Indoor fan motor	Model	ZKFP-22-8-4
	Qty	1
	Input	W
	Output	W
	RLA	A
Indoor air flow (Turbo/HI/MI/LO)	Speed(HI/MI/LO)	900/580/400(heating mode)
	m3/h	589 / 339 / 214
ESP	Range	Pa
	In. wg.	/
IRV	Range	inch*3
Indoor noise level (HI/MI/LO)	dB(A)	51/43/30(heating mode)
Indoor sound power level	dB(A)	57/47/39(heating mode)
Throttle type	/	/
Indoor unit	Dimension (W*D*H)	mm
	Dimension (W*D*H)	inch
	Packing (W*D*H)	mm
	Packing (W*D*H)	inch
	Net/Gross weight	kg
Drainage water pipe dia	Net/Gross weight	lb
	mm	/
Qty'per 20' /40' /40'HQ	Indoor unit	/

Code		PWHP
Indoor code		22020310004777
outdoor code		/
Model		MWCUPWHP-09HEFN8-BCL1
Indoor		/
Outdoor		/
Customer Model-Indoor		
Customer Model-Outdoor		
MINIMUM CIRCUIT AMPACITY(Outdoor)	A	15
MAX.FUSE(Outdoor)	A	20
Compressor	Model	KCK103D33UE4KR3
	Type	ROTARY
	Brand	GMCC
	Capacity	W
	Input	W
	Rated current(RLA)	A
	Locked rotor Amp(LRA)	A
	Thermal protector	/
	Thermal protector position	NA
	Capacitor	uF
Outdoor fan motor	Refrigerant oil/oil charge	ml
	Model	ZKFN-66-10-1L
	Qty	1
	Input	W
	Output	W
Outdoor air flow	RLA	A
	Speed	r/min
Outdoor air flow	m3/h	1180/900/420(heating mode)
Outdoor air flow	CFM	1624/115V/410
Outdoor noise level	dB(A)	955/677/241
Throttle type	/	65.6/-/42(heating mode)
Outdoor unit	Dimension(W*D*H)	mm
	Dimension(W*D*H)	inch
	Packing (W*D*H)	mm
	Packing (W*D*H)	inch
	Net/Gross weight	kg
Refrigerant type	Net/Gross weight	lb
	/	/
Refrigerant charge	kg	R32
Additional charge per metre	oz	0.915
	g/m	32.3
Additional charge for each ft	oz/ft	/
Design pressure	PSIG	/
Refrigerant piping	Liquid side/ Gas side	mm
	inch	550/340
	Max. refrigerant pipe length	/
	Max. refrigerant pipe length	inch
	Max. difference in level	m
Thermostat type	Max. difference in level	ft
	/	/
Room temperature	Indoor(cooling)	°C
	Indoor(heating)	°F
	Outdoor(cooling)	°C
	Outdoor(heating)	°F
	Indoor(cooling)	°C
	Indoor(heating)	°F
	Outdoor(cooling)	°C
	Outdoor(heating)	°F
Qty'per 20' /40' /40'HQ	Unit and Bracket	16~29
Connection wiring	/	60~85
Refrigerant precharge	(ft)	13~29
	(m)	55~85



Installation Hardware





make yourself at home



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