



# **NEXT-GENERATION POWERFUL HEAT PUMP SOLUTION FOR YOUR BUSINESS**

PACKAGED TERMINAL HEAT PUMP

# #100% BREAKTHROUGH

IN HEATING POWER AND PERFORMANCE



Up To **100%**  
HEATING

Output @  
**5°F**\*

With COP of **2.0**

Up To **100%**  
COOLING

Output @  
**115°F**\*

\*Tested on representative PTHP models under controlled laboratory conditions. Results based on testing performed in accordance with ANSI/AHRI Standard 310/380-2017 and applicable ANSI/ASHRAE standards. Heating performance claims apply to cold climate heat pump models, while cooling performance claims apply to both regular and cold climate heat pump models. Actual performance may vary depending on installation, system configuration, usage, and environmental conditions.

## Driven by Next-Generation Heating Technology

### Next-Generation Heat Pump Core Technology

Adopts Midea's next-generation inverter heat pump system, integrating advanced compressor and heat exchange control for higher efficiency and stronger heating performance.



### Powerful Airflow Design

Patented Technology  
Patent No. CN206816552



The upgraded fan structure features a high-static pressure design, delivering stronger airflow, wider coverage, and quieter operation under all conditions.

### Midea's Advanced Drainage Solution

Patented Technology  
Patent No. CN119436437A



An exclusive drainage path design effectively prevents water accumulation and freezing, ensuring stable heating and reliable system operation in low temperatures.

### Midea's Advanced Defrosting Technology

Patented Technology  
Patent No. CN114278744A



Intelligent defrost algorithm enables faster and more precise defrosting, maintaining consistent heating output even in extreme cold environments.

# SAVE MORE



**Industry-Leading Efficiency.  
Reliable Performance.**

## COOLING \*

EER  
Up To **13.7**

SCP  
Up To **24.0**

## HEATING \*

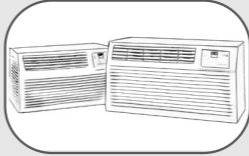
COP  
Up To **4.2**

SHP  
Up To **11.2**

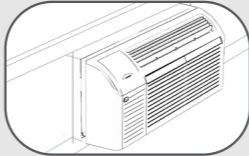
\*Efficiency ratings are based on testing of a 9,000 Btu/h cold climate heat pump model. Tested in Midea's certified laboratory in accordance with ANSI/AHRI Standard 310/380-2017 under controlled conditions.

**MIDEA PTHP**

**Current Fixed-Speed 15k PTAC**



**Electric Resistance Heating**



vs

**COOLING**

UP TO **56%**<sup>①</sup>  
ENERGY SAVINGS

**HEATING**

UP TO **73%**<sup>②</sup>  
ENERGY SAVINGS

<sup>①</sup> Energy savings estimates are based on internal calculations comparing a 15,000 Btu/h Midea inverter heat pump to a current fixed-speed 15,000 Btu/h PTAC unit for cooling. Estimated annual energy cost is based on a national average electricity rate of \$0.13/kWh, with assumed seasonal usage of 750 hours (8 hours per day over a 3-month period) and 5,115 hours of inactive and off-mode operation annually. Estimates are derived from modeled calculations under assumed conditions and are provided for illustrative and comparative purposes only. Actual savings will vary depending on system configuration, installation, usage patterns, local utility rates, climate conditions, and building characteristics. Savings are not guaranteed, and Midea reserves the right of final interpretation.

<sup>②</sup> Energy savings estimates are based on internal calculations comparing 15,000 Btu/h inverter heat pump to electric resistance heating for heating. Estimates are derived from modeled calculations under assumed conditions and are provided for illustrative and comparative purposes only.

# COMFORT

POWERED BY INVERTER TECHNOLOGY

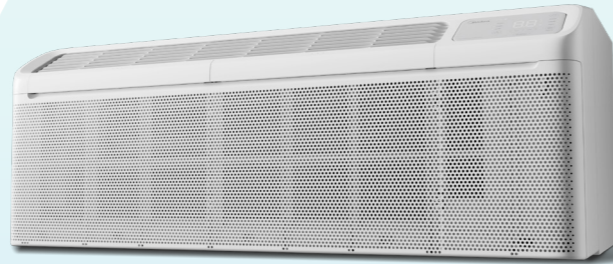
## Industry-Leading Whisper Quiet

MIDEA PTHP



**50** dB(A)  
Fixed-Speed PTHP

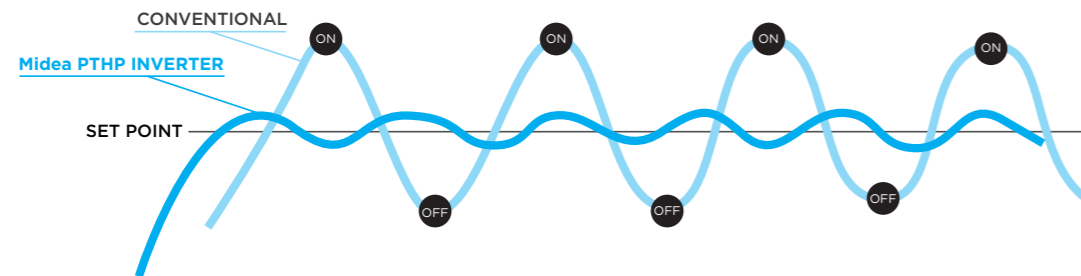
VS



ULTRA-QUIET  
OPERATION  
DOWN TO **30** dB(A)\*

\*Sound performance data is based on testing conducted by Intertek Testing Services in accordance with ISO 3744:2010. Reported sound pressure levels include corrected A-weighted values measured under controlled laboratory conditions. Results are based on testing on a representative unit; actual sound levels may vary depending on installation and operating conditions.

### COOLING MODE



STC Up To **31** Top soundproof level in the industry.

## All-In-One Fresh Air System

### Built-In Fresh Air Module

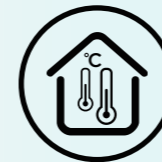
Brings outdoor air indoors with no separate system needed.

**60** CFM  
AIRFLOW  
Delivers strong fresh air circulation

COMPATIBLE WITH  
**MERV 8&13**  
FILTERS



## Intelligent Humidity Control System

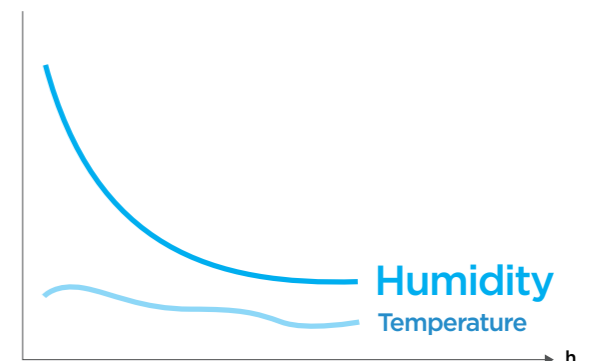


Temperature Drop  
Less Than **2°C**



Humidity Control  
**40%-60%**

### Dual Control



# SMARTER MANAGEMENT



**Awesome!**  
All is running well and no problems found.

**iCheck**  
Faster Support Through Smart Diagnosis

- 155 Fault Checks
- Remote Troubleshooting
- Quick Service Request



## FOR EVERY ROOM

**iECO**  
Energy Savings You Can See

- Real-time Energy Monitor
- Smart Reports & Alerts
- Auto Bill Estimation
- Energy Target Control

9:41 iECO  
This is your monthly report!

**Monthly Report**



**Annual Report**

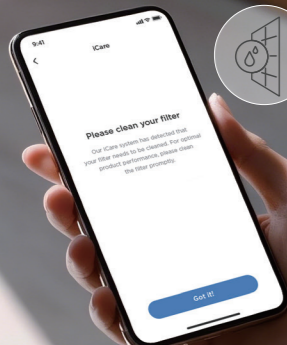
	Cumulative	Saving	Real-time
2568.3 kWh	723 kWh	1322 kWh	



### iCare

#### Prevention Alerts

Filter Cleaning Reminder  
Abnormal Cooling Alert



Please clean your filter  
Our Smart System has detected that your filter needs to be cleaned. For optimal product performance, please clean the filter promptly.

### iControl

#### Control Everything From One Place

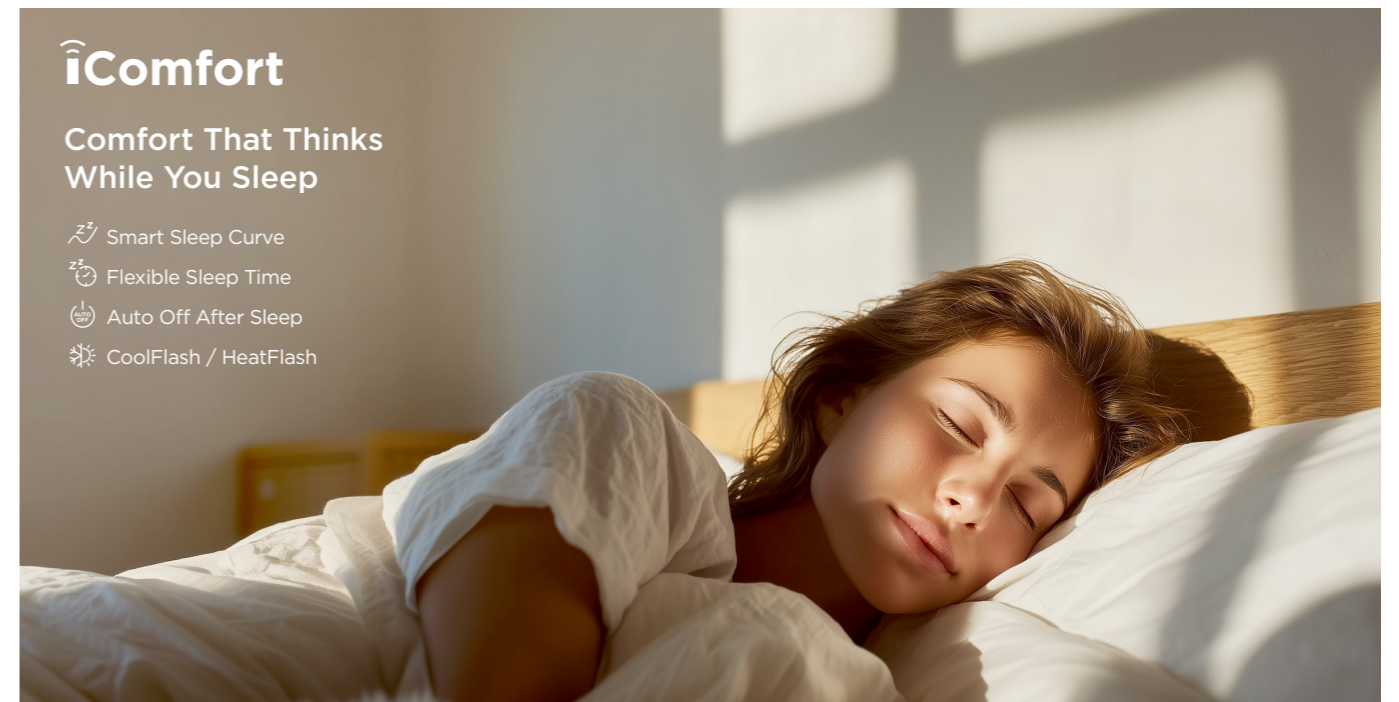
- Centralized and Flexible Management
- One Click Group Control
- Smart Automation
- Remote Access Anywhere



### iComfort

#### Comfort That Thinks While You Sleep

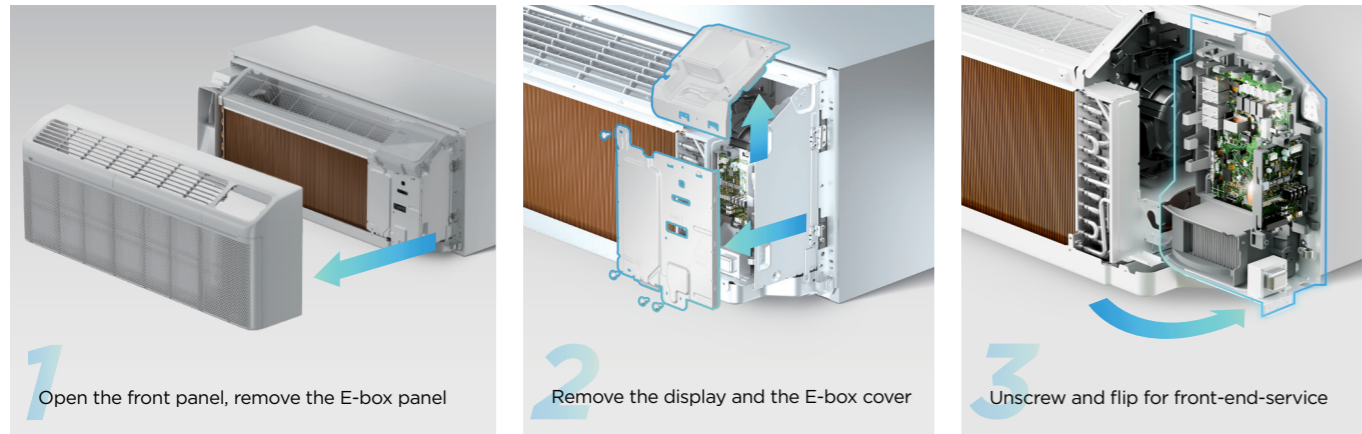
- Smart Sleep Curve
- Flexible Sleep Time
- Auto Off After Sleep
- CoolFlash / HeatFlash



# EASY TO INSTALL

# EASY TO MAINTAIN

## Front-Access PCB in Just 3 Steps



## Easy Routine Care



**Reversible Air Louvers**  
Adjust airflow direction for better distribution



**Self-Cleaning Evaporator**  
Keeps coils cleaner with reduced manual cleaning



**Up-Front Filters**  
Easy pull-out cleaning without removing the panel

## Reliable Protection



**Indoor Coil Frost Control**  
Stops coil freezing for consistent cooling



**Compressor Restart Delay**  
Protects the compressor by preventing short cycling



**High-Temperature Protection**  
Prevents compressor overheating in extreme heat



**Corrosion Protection Across Key Components**  
•Encapsulated Motor •Aluminum Alloy Condenser Side Plates  
•Coated Motor Bracket •Corrosion-Resistant Drain Valve & Fasteners