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› Midea Duo 14,000 BTU Portable Air Conditioner with Heat Instruction Manual

Midea MAP14HS1TBL-A

Midea Duo 14,000 BTU Portable Air Conditioner with Heat Instruction Manual

Model: MAP14HS1TBL-A

1. PRODUCT OVERVIEW

The Midea Duo 14,000 BTU (12,000 BTU SACC) Portable Air Conditioner with Heat is designed to provide efficient cooling and heating for spaces up to 550 sq.ft. Featuring innovative inverter technology and a unique dual hose design, this unit offers quiet operation and smart control capabilities for year-round comfort.



Image: Midea Duo Portable Air Conditioner, front view.

2. SAFETY INFORMATION

Before operating this appliance, read all instructions thoroughly. Keep this manual for future reference. Always follow basic safety precautions to reduce the risk of fire, electric shock, or injury to persons.

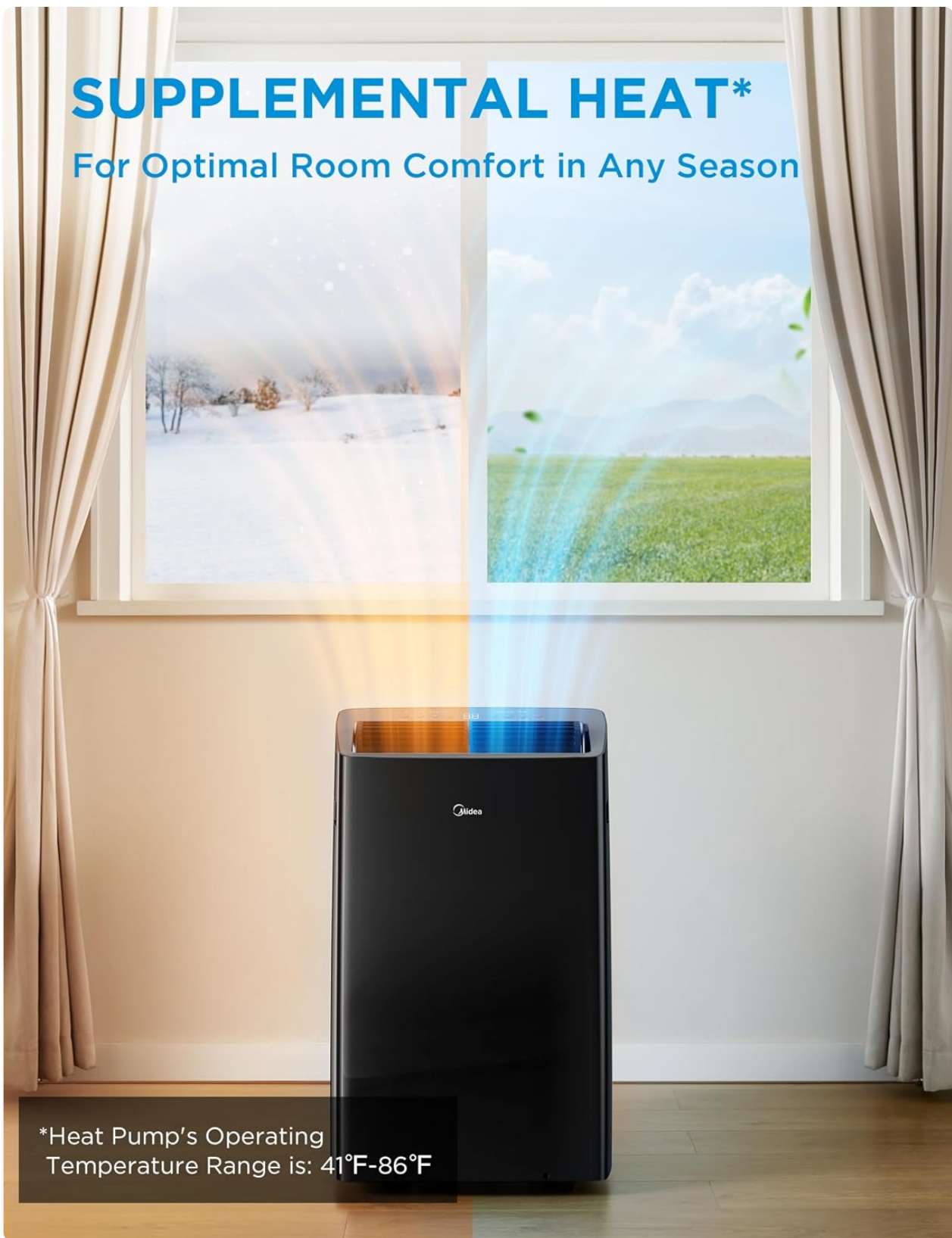
- Ensure the unit is placed on a flat, stable surface.
- Do not operate the unit with a damaged cord or plug.
- Do not insert fingers or objects into the air inlet or outlet.
- Unplug the unit before cleaning or servicing.
- Keep flammable materials away from the unit.

3. PRODUCT FEATURES

- **Innovative Duo Hose Design:** Enables the unit to intake and exhaust air outdoors, creating balanced air circulation indoors and preventing hot outside air from entering.
- **Inverter Technology:** Variable-speed inverter technology cools efficiently with less electricity, saving over 40% energy compared to traditional portable units.
- **Fast and Strong Cooling:** Optimized air duct system provides up to 2X faster and stronger whole-room cooling.
- **Multi-Season Comfort:** Offers superior heating and cooling for optimal comfort in any season. Heat pump operating temperature range: 41°F-86°F.
- **Ultra-Quiet Operation:** Sound level as low as 42dB when cooling, comparable to a library environment.
- **Smart Control:** Connects via SmartHome App (iOS and Android) and voice control with Alexa and Google Assistant devices.
- **Flexible Airflow Direction:** Dynamic 102-degree cool swing provides flexibility in changing airflow direction.
- **Simple & Space-Saving Installation:** Streamlined installation process and hassle-free storage.

SUPPLEMENTAL HEAT*

For Optimal Room Comfort in Any Season



*Heat Pump's Operating
Temperature Range is: 41°F-86°F

Image: Midea Duo Portable AC illustrating supplemental heat for optimal room comfort in any season. The heat pump's operating temperature range is 41°F-86°F.

INNOVATIVE HOSE-IN-HOSE DESIGN

More Than 2X Stronger Cooling



Image: Midea Duo Portable AC highlighting the innovative hose-in-hose design for stronger cooling compared to traditional portable ACs.

ENGINEERED WITH INVERTER TECHNOLOGY

↑ **40%**
Energy-saving

↑ **2x**
Faster cooling



Image: Midea Duo Portable AC showcasing inverter technology benefits: 40% energy saving and 2x faster cooling.

ULTRA-QUIET OPERATION

As Low as 42 dB(A)



Image: Midea Duo Portable AC demonstrating ultra-quiet operation, as low as 42 dB(A).

4. WHAT'S IN THE BOX

The following components are included with your Midea Duo Portable Air Conditioner. Please check all items upon unpacking.

WHAT'S IN THE BOX

If an accessory is missing, please call customer support.(973)539-5330



Image: Diagram showing the Midea Duo Portable AC unit and all included accessories: Sliding Window Adapter, Air Exhaust Adapter, Sliding Window Adapter - Air Divider & Power Cord Buckle, Window Sliders, hoses, remote control, and instruction manual.

- Midea Duo Portable AC Unit
- Window Slider Kit (includes panels, adapters, and foam seals)
- Dual Hoses
- Remote Control (requires 2 AAA batteries, not included)
- Drain Hose
- User Manual

If any accessory is missing, please contact customer support at [\(973\) 539-5330](tel:973-539-5330).

5. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. The Midea Duo is designed for quick and easy setup in various window types.

5.1 Window Kit Installation

The included window kit accommodates both double-hung and casement style windows. Ensure the window opening is between 19.05 inches and 63.86 inches wide or tall.

FITS A WIDE RANGE OF WINDOWS



Image: Midea Duo Portable AC showing compatibility with double-hung (19.05"-63.86" wide) and casement (19.05"-63.86" tall) windows.

1. Assemble the window slider panels to fit your window opening.
2. Attach the foam seals to the window frame for insulation.
3. Insert the assembled window slider into the window track.
4. Extend the dual hoses and connect them to the unit and the window kit adapters.
5. Ensure all connections are secure to prevent air leakage.

PRODUCT DIMENSIONS



Image: Midea Duo Portable AC with dimensions: 16.73"D x 19.53"W x 34.8"H. The extendable hose length is 0.98"-3.94".

5.2 Quick Start Guide Video

Watch this official quick start guide for a visual walkthrough of the installation process.

Your browser does not support the video tag.

Video: Midea Duo Portable Air Conditioner Quick Start Guide. This video demonstrates the steps for setting up the unit and installing the window kit.

5.3 Cooling Capacity Guide

Refer to the table below to determine the correct cooling capacity needed for your room size. Adjustments may be necessary based on specific environmental factors.

Find the correct cooling capacity for your room

Find the corresponding cooling capacity that matches your desired area (square footage). Cooling capacity shown in British thermal units (BTU) per hour.

Area to be cooled (SQ. FT.)	Capacity Needed (BTU)
150 SQ. FT.	5,000
UP TO 250 SQ. FT.	6,000
UP TO 300 SQ. FT.	7,000
UP TO 350 SQ. FT.	8,000
UP TO 400 SQ. FT.	9,000
UP TO 450 SQ. FT.	10,000
UP TO 550 SQ. FT.	12,000
UP TO 700 SQ. FT.	14,000
UP TO 1000 SQ. FT.	18,000
UP TO 1200 SQ. FT.	21,000
UP TO 1400 SQ. FT.	23,000
UP TO 1500 SQ. FT.	24,000

Adjustment as necessary

Make any adjustments for the following circumstance:

- i. If the room is heavily shaded, reduce capacity by 10 percent.
- ii. If the room is very sunny, increase capacity by 10 percent.
- iii. If more than two people regularly occupy the room, add 600 BTUs for each additional person.
- iv. If the unit is used in a kitchen, increase capacity by 4,000 BTUs.

Image: Chart titled 'Find the correct cooling capacity for your room' showing recommended BTU capacity based on square footage. It also includes adjustment guidelines for shaded rooms, sunny rooms, additional occupants, and kitchen use.

6. OPERATING INSTRUCTIONS

The Midea Duo offers multiple operating modes and convenient control options.

6.1 Control Panel and Remote Control

The unit features an intuitive control panel on top and comes with a remote control for convenient operation. The remote control requires 2 AAA alkaline batteries.

CONTROL FROM ANYWHERE

Via SmartHome App, Smart Watches and Voice Assistant Devices

Smart Home matter

Works with Apple Home Apple WATCH

works with alexa works with Google Home Wear OS by Google

Image: Midea Duo Portable AC being controlled via a smartphone app, showing various settings like mode,

temperature, and fan speed. It highlights compatibility with SmartHome App, Apple Home, Watch, Alexa, and Google Home.

6.2 Operating Modes

- **Cool Mode:** Provides powerful cooling to lower room temperature.
- **Heat Mode:** Utilizes a heat pump to warm the room (operating range: 41°F-86°F).
- **Fan Mode:** Circulates air without cooling or heating.
- **Dehumidifier Mode:** Removes excess moisture from the air.

6.3 Smart Control Features

Control your Midea Duo from anywhere using the SmartHome App or voice commands with Alexa and Google Assistant devices.

Your browser does not support the video tag.

Video: Midea Duo Inverter Portable AC Heat Pump & Smart Control. This video demonstrates the heat pump functionality and smart control options of the Midea Duo.

Your browser does not support the video tag.

Video: Midea Duo Smart 4-in-1 Portable AC, Heat, Fan, Dehumidifier. This video highlights the four primary functions of the Midea Duo: air conditioning, heating, fan, and dehumidification.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Midea Duo Portable AC.

7.1 Filter Cleaning

The unit features a washable filter. Clean the filter regularly (every two weeks or as needed) to maintain air quality and cooling efficiency. Refer to the full user manual for detailed instructions on filter removal and cleaning.

7.2 Drain-Free Cooling

The Midea Duo utilizes a self-evaporating condensation system, which typically eliminates the need for manual draining in most cooling conditions. Excess moisture is evaporated and exhausted outdoors.

DRAIN-FREE COOLING

Self-Evaporating Condensation System



Image: Diagram illustrating the self-evaporating condensation system for drain-free cooling in the Midea Duo Portable AC.

In high humidity environments or during heating operation, some condensation may accumulate. If the unit indicates a full water tank, connect the provided drain hose to the continuous drain port and direct it to a suitable drain or container.

8. TROUBLESHOOTING

If you encounter issues with your Midea Duo, refer to the following common troubleshooting tips. For more detailed solutions, consult the comprehensive troubleshooting section in your full user manual.

- **Unit does not turn on:** Check power connection, ensure the plug is fully inserted, and verify the circuit breaker.
- **No cooling/heating:** Ensure the correct mode is selected, check temperature settings, and verify that the window kit and hoses are properly installed and sealed. Clean the air filter if it's dirty.
- **Unit is noisy:** Ensure the unit is on a level surface. Check for any obstructions in the air inlets or outlets.
- **Water leakage:** Ensure the unit is level. If in dehumidifier or heat mode, check the drain hose connection and ensure it's properly directed.
- **Smart control issues:** Verify Wi-Fi connectivity and ensure the SmartHome App is updated. Try restarting the unit and your router.

9. SPECIFICATIONS

Feature	Specification
Brand	Midea
Model Number	MAP14HS1TBL-A
Cooling Power	14,000 BTU (ASHRAE) / 12,000 BTU (SACC)
Heating Function	Yes (Heat Pump)
Coverage Area	Up to 550 sq.ft.
Noise Level	42 dB
Product Dimensions (D x W x H)	16.73" x 19.53" x 34.48"
Item Weight	77.2 pounds
Voltage	115 volts
Wattage	1300 watts
Annual Energy Consumption	1350 watts
Controller Type	App Control, Button Control, Remote Control, Voice Control
Special Features	Dust Filter, Fast Cooling, Heating & Cooling Function, Inverter Compressor

U.S. Government

Federal law prohibits removal of this label before consumer purchase.

ENERGYGUIDE

Portable Air Conditioner



Midea
Model MAP14HS1TBL-A
Capacity: 12,000 BTUs

Estimated Yearly Energy Cost

\$65



Cost Range of Similar Models

The estimated yearly energy cost of this model was not available at the time the range was published.

14.2

Combined Energy Efficiency Ratio

Your cost will depend on your utility rates and use.

- Cost range based only on models of similar capacity.
- Estimated energy cost based on a national average electricity cost of 13 cents per kWh and a seasonal use of 8 hours a day over a 3 month period.
- For more information, visit www.ftc.gov/energy.

Image: U.S. Government EnergyGuide label for the Midea Portable Air Conditioner, Model MAP14HS1TBL-A, Capacity 12,000 BTUs. Estimated yearly energy cost is \$65, with a combined energy efficiency ratio of 14.2.

10. WARRANTY AND SUPPORT

Midea offers a one-year limited warranty on parts and labor from the original purchase date for this product.

Please retain your proof of purchase for warranty claims.

For technical support, warranty inquiries, or missing accessories, please contact Midea customer service:

Phone: (973) 539-5330

For additional resources and product information, visit the official Midea website.

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