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› Midea Duo 14,000 BTU (12,000 BTU SACC) High Efficiency Inverter, Ultra Quiet Portable Air Conditioner Instruction Manual

Midea MAP14S1TBL

Midea Duo Portable Air Conditioner Instruction Manual

Model: MAP14S1TBL | Brand: Midea

INTRODUCTION

The Midea Duo 14,000 BTU (12,000 BTU SACC) Portable Air Conditioner is designed for high efficiency and ultra-quiet operation, cooling spaces up to 550 sq. ft. Featuring an innovative dual hose-in-hose design and inverter technology, it provides powerful and energy-saving cooling. This manual will guide you through the setup, operation, and maintenance of your new air conditioner.

- **Innovative Duo Hose Design:** Enables the unit to intake and exhaust air outdoors, forming balanced air circulation indoors and preventing hot outside air from seeping in.
- **Inverter Technology:** Cools with considerably less electricity, saving over 40% energy compared to U.S. federal standards.
- **Fast and Strong Cooling:** Delivers 2X faster and stronger whole-room cooling.
- **Ultra-Quiet Operation:** Sound level as low as 42dB, comparable to a library.
- **Smart Control:** Wi-Fi enabled with app connectivity and voice control via Alexa and Google Assistant.



Figure 1: Midea Duo Portable Air Conditioner unit with included remote control and smartphone app interface.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. The Midea Duo features a simple and space-saving installation

process.

Unboxing and Components

Upon unboxing, ensure all components are present. The unit comes with a comprehensive accessory kit for various window types.

ACCESSORY KIT



Figure 2: All components of the Midea Duo Portable Air Conditioner, including the main unit, window panels, adapters, and hoses.

Window Kit Installation

The unit supports both double or single-hung style windows and casement style windows. The window kit includes adjustable panels to fit window widths from 19.05"-63.86" or heights from 19.05"-63.86".

Double or Single-Hung Style Windows

Fits Casement Style Windows



Figure 3: Examples of Midea Duo installation in different window types, demonstrating adaptability.

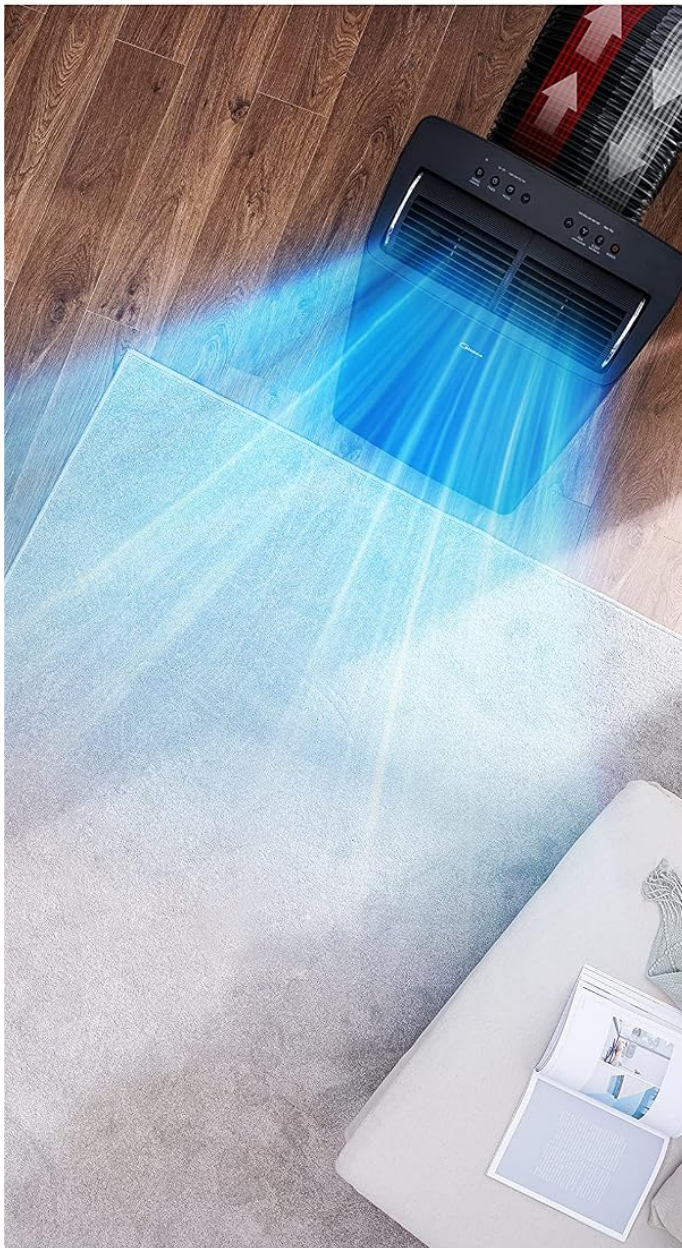
Dual Hose Connection

The unique dual hose-in-hose design allows for efficient air exchange, drawing in fresh air and expelling hot air without creating negative pressure indoors.

Hose-in-Hose Design More than 2X Stronger Cooling

Midea Duo

Dual Hose
Shut Heat Out, Lock Cool In



Traditional Portable AC

Single Hose
Unbalanced Airflow



Figure 4: Visual comparison of Midea Duo's dual hose system, which locks in cool air, versus a traditional single hose system that can lead to unbalanced airflow.

Installation Video Guide

Video 1: Official Midea Duo Smart Portable Air Conditioner Installation video. This video provides a step-by-step guide for setting up your unit, including window kit assembly and hose connection.

OPERATING THE UNIT

The Midea Duo offers multiple operating modes and smart features for enhanced comfort.

Control Panel Overview

The intuitive control panel allows for easy selection of modes, fan speeds, and temperature settings.

3-in-1 Comfort

Cools, Circulates & Dehumidifies

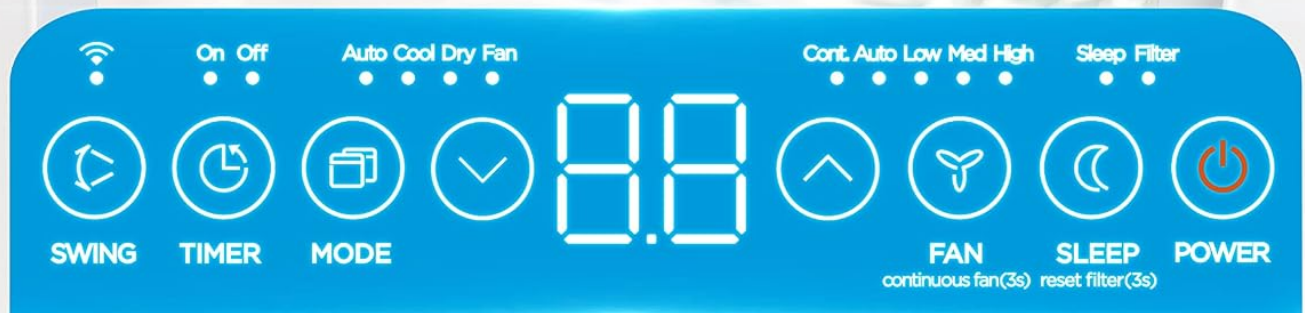


Figure 5: Detailed view of the Midea Duo's control panel, showing buttons for Swing, Timer, Mode (Auto, Cool, Dry, Fan), Fan Speed (Cont, Auto, Low, Med, High), Sleep, Filter Reset, and Power.

Modes and Features

- **Cool Mode:** Provides powerful cooling for rooms up to 550 sq. ft.
- **Fan Mode:** Circulates air without cooling.
- **Dry Mode (Dehumidifier):** Removes excess moisture from the air.

- **Sleep Mode:** Operates quietly for undisturbed rest.
- **Timer:** Schedule the unit to turn on or off automatically.

42dB(A) Extreme-Quiet Operation

30dB(A)

40dB(A)

42dB(A)

50dB(A)

60dB(A)



Whisper

Quiet Library

Midea Duo
Portable AC

Moderate
rainfall

Normal
conversation



Figure 6: The Midea Duo operates at an ultra-quiet 42dB, ensuring minimal disturbance, even during sleep.

Smart Control via App and Voice

Control your Midea Duo from anywhere using the SmartHome App on your iOS or Android device, or with voice commands through Alexa and Google Assistant.

Smart Control

Control from anywhere with app or voice.

works with
Hey Google

works with | **alexa**



Figure 7: The SmartHome app provides full control over your Midea Duo, allowing you to adjust settings remotely.

Video 2: Midea Duo Smart Portable Air Conditioner, Fan, Dehumidifier. This video highlights the various smart features and modes of the unit.

MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your Midea Duo air conditioner.

Filter Cleaning

The unit is equipped with a dust filter. Regularly clean the filter to maintain optimal air quality and cooling performance. Refer to the user manual for detailed cleaning instructions.

Condensate Drainage

The Midea Duo features an evaporating technology that minimizes the need for manual drainage in most cooling operations. However, in high humidity environments or when using Dry mode, condensate may accumulate.

Video 3: Midea Duo Inverter Portable AC. This video provides an overview of the unit's features, including its self-evaporating system. For continuous drainage, especially in Dry mode, connect the supplied drain hose to the top drain outlet. For models with heating, the drain pump will activate to pump out condensate when enough is generated, capable of pumping up to 6 feet above the hose connection.

TROUBLESHOOTING

If you encounter issues with your Midea Duo, refer to the following common troubleshooting tips. For more detailed solutions, consult the full User Manual (PDF) available on the product page.

Common Issues

- Unit Not Turning On:** Check power connection and ensure the power button is pressed.
- Insufficient Cooling:** Verify window kit installation for proper sealing, ensure hoses are not blocked or kinked, and clean air filters.
- P1 Code Displayed:** This indicates the internal water tank is full. Remove the drain cover and plug from the bottom drain tray to empty the condensate.
- Unusual Noise:** Check for obstructions in the air intake or exhaust. Ensure the unit is on a flat, stable surface.

SPECIFICATIONS

Feature	Detail
Model Number	MAP14S1TBL
Cooling Capacity	14,000 BTU (12,000 BTU SACC)
Coverage Area	Up to 550 sq. ft.
Noise Level	42 dB
Power Source	Corded Electric
Voltage	115 Volts

Wattage	1300 watts
Dimensions (DxWxH)	16.73"D x 19.53"W x 32.48"H
Item Weight	75 pounds
Special Features	Dust Filter, Wi-Fi Enabled

Real Cool, Real Fast

For Medium to Larger Rooms

Floor Area

350 sq.ft.

450 sq.ft.

ASHRAE

12,000 BTU

14,000 BTU

SACC

10,000 BTU

12,000 BTU



Figure 8: Guide to selecting the correct cooling capacity for your room based on square footage.

Warranty Information

Midea offers a one-year limited warranty from the original purchase date for this product. For specific warranty terms and conditions, please refer to the warranty description provided with your unit or the official user manual.

Customer Support

For additional support, troubleshooting, or service inquiries, please contact Midea customer service. You can also visit the official Midea Store for more information and resources.

- **Midea Store:** Visit the [Midea Store on Amazon](#)
- **User Manual (PDF):** [Download User Manual](#)
- **Installation Manual (PDF):** [Download Installation Manual](#)

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