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Cooper & Hunter MIA Series 12,000 BTU, 115V (CH-NY12MIA-115VO)

Cooper & Hunter MIA Series Mini Split Air Conditioner and Heater User Manual

Model: CH-NY12MIA-115VO (12,000 BTU, 115V)

Brand: Cooper & Hunter

1. INTRODUCTION

Welcome to the Cooper & Hunter MIA Series Mini Split Air Conditioner and Heater user manual. This document provides essential information for the safe and efficient operation, installation, and maintenance of your new unit. The MIA Series offers a versatile solution for both cooling and heating, designed for energy efficiency and quiet performance.

This unit is a 12,000 BTU, 115V ductless inverter heat pump system, ideal for single-zone applications.



Figure 1.1: Cooper & Hunter MIA Series Indoor and Outdoor Units with Accessories.

2. KEY FEATURES

The Cooper & Hunter MIA Series is equipped with advanced features to enhance your comfort and convenience:

- **Inverter Technology:** Provides energy-efficient operation and precise temperature control.
- **Quiet Operation:** Designed for low noise levels, ideal for bedrooms and living spaces.
- **Smart Kit / WiFi Enabled:** Control your unit remotely via a smartphone app.
- **Turbo Function:** Rapid cooling or heating for quick comfort.
- **Auto Swing Louvers:** Ensures even air distribution throughout the room.
- **LED Display:** Clear and easy-to-read temperature and status indicators.
- **Self-Cleaning Function:** Helps maintain coil cleanliness and air quality.
- **Gold Catalyst Filter:** Improves air purification.
- **Comfortable Sleep Mode:** Adjusts temperature for optimal sleep conditions.

- **Follow-Me Function:** Senses temperature at the remote's location for precise control.
- **Multiple Fan Speeds:** Customize airflow to your preference.



Figure 2.1: Visual representation of key product features.

 Heating

&

 Cooling



Figure 2.2: Unit provides both heating and cooling functions.

3. SETUP AND INSTALLATION

Professional installation is required for this equipment to ensure proper function and warranty validity.

Your Cooper & Hunter MIA Series unit comes with a comprehensive installation kit, including:

- 16ft Pre-Flared and Insulated Copper Line Set (99.9% Copper 9ASTM B280, Pre-Insulated ASTM D154, UV & UV-C Protected)
- 16ft Communication Wires (4/16 AWG Connecting Cable)
- 16ft Drainage Extension (Durable Rubber Drain Hose)
- Small Accessories (Bandage Tape, Wall Sleeve, Neoprene)

INSULATION TYPE COMPARISON



**UV & UV-C
PROTECTED**



**REGULAR
INSULATION**

Figure 3.1: Included components for installation.



MIA NY
SERIES

WALL MOUNTED SINGLE-ZONE MINI SPLIT AIR CONDITIONER

UP TO 21.7 SEER2



Figure 3.2: Detailed view of the installation kit.

Installation Video Overview

Video 3.1: This video provides an overview of the Cooper & Hunter MIA Series, highlighting its powerful, efficient, and easy-to-install features. It covers aspects relevant to the setup process.

4. OPERATION

Your MIA Series unit can be controlled via the included remote control or through the Cooper & Hunter smartphone application using the Smart Kit adapter.

Remote Control

The remote control allows you to adjust settings such as temperature, fan speed, operation mode (Cool, Heat, Dry, Fan, Auto), and activate special functions like Sleep Mode and Follow Me.

Smart Kit and App Control

The Smart Kit adapter enables WiFi connectivity, allowing you to control your unit from anywhere using the Cooper & Hunter Remote mobile app (available on Google Play and Apple App Store). This provides full control over each unit, including multi-zone possibilities if you have multiple units.



Figure 4.1: Take control of your mini split anytime, anywhere with the C&H Remote app.

Smart Kit Tutorial Video

Video 4.1: This tutorial guides you through setting up and using the Smart Kit for app control of your Cooper & Hunter unit, including device pairing and WiFi setup.

MIA Series Introduction Video

Video 4.2: An introductory video to the Cooper & Hunter MIA Series, showcasing its features and benefits for home comfort.

Detailed Product Overview Video

Video 4.3: A comprehensive video detailing the features and functionality of the MIA Series Mini Split Air Conditioner from Cooper & Hunter.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Cooper & Hunter unit. Key maintenance tasks include:

- **Filter Cleaning:** The indoor unit's filters should be cleaned regularly (e.g., every 2-4 weeks, depending on usage and air quality) to maintain airflow and efficiency. Simply open the front panel, remove the filters, clean them with water or a vacuum cleaner, and reinsert them.
- **Coil Cleaning:** Periodically inspect and clean the indoor and outdoor coils. This may require professional assistance.
- **Drainage Inspection:** Ensure the drainage hose is clear of obstructions to prevent water leaks.

MIA NY SERIES

**INCLUDED
WITH YOUR ORDER**

INSTALLATION KIT

- 99.9% COOPER 9ASTM B280)
- PRE-INSULATED (ASTM D154)
- UV & UV-C PROTECTED
- PRE-FLARED



**4/16 AWG CONNECTING CABLE / RUBBERIZED DRAINAGE
HOSE BANDAGE TAPE / WALL SLEEVE / NEOPRENE**

Figure 5.1: UV & UV-C protected insulation ensures durability and longevity of the line set.

6. SPECIFICATIONS

Specification	Value
Brand	Cooper & Hunter
Model	CH-NY12MIA-115VO
Capacity	1 Tons (12,000 BTU)
Cooling Power	12000 British Thermal Units
Seasonal Energy Efficiency Ratio (SEER)	20.00
Seasonal Energy Efficiency Ratio 2 (SEER2)	20.8
Voltage	115 Volts
Noise Level	26 dB
Product Dimensions	48"D x 40"W x 40"H
Color	White
Special Features	Inverter Compressor, Remote Controlled, WiFi Enabled, Heating And Cooling Function, Dehumidifier

Figure 6.1: EnergyGuide label for the CH-NY12MIA-115VO model.

7. TROUBLESHOOTING

If you encounter issues with your unit, refer to the following general troubleshooting tips. For complex problems or error codes, please contact professional technical support.

- **Unit Not Turning On:** Check power supply, ensure remote batteries are functional, and verify the unit is plugged in.
- **Insufficient Cooling/Heating:** Check thermostat settings, ensure filters are clean, and verify no obstructions to airflow.
- **Unusual Noises:** Minor noises during operation are normal. Excessive or unusual noises may indicate an issue requiring professional inspection.
- **Water Leaks:** Check drainage hose for kinks or blockages. Ensure the unit is level.

The unit may display error codes on its LED panel. A list of common error codes and their meanings can often be found on a label inside the unit's front panel or in the detailed installation manual provided with the product.

8. WARRANTY AND SUPPORT

The Cooper & Hunter MIA Series is backed by a limited warranty:

- **7 Years Compressor Warranty**
- **5 Years Parts Warranty**

Important: Warranty is only valid when registered within 60 days of purchase date and installed by a LICENSED HVAC TECHNICIAN.

For technical assistance, parts, or warranty claims, please contact Cooper & Hunter customer support.

Assistance is typically available Monday through Friday, 9 AM to 5 PM Eastern Standard Time, in multiple languages including English, Spanish, Mandarin, Ukrainian, and Russian.

For more information, visit the official Cooper & Hunter website or refer to the contact details provided in your product packaging.

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