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› BRAVO 24,000 BTU 230V Ductless Mini Split Air Conditioner & Heat Pump User Manual (Model: BRV-R24W-230VI/BRV-R24LS-230VO)

BRAVO BRV-R24W-230VI/BRV-R24LS-230VO

BRAVO 24,000 BTU 230V Ductless Mini Split Air Conditioner & Heat Pump User Manual

Model: BRV-R24W-230VI/BRV-R24LS-230VO | Brand: BRAVO

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your BRAVO 24,000 BTU 230V Ductless Mini Split Air Conditioner and Heat Pump. Please read this manual thoroughly before using the unit and retain it for future reference.

Key Features:

- 24,000 BTU Cooling and Heating Capacity
- 17 SEER2 Inverter AC System for high efficiency
- Pre-charged with R32 refrigerant
- Includes 13ft Installation Kit
- Smart Control via mobile app and remote control
- Whisper Technology for Quiet Operation (39 Decibels)
- Operates in ambient temperatures up to -4°F for heating

Video 1: BRAVO Wall Mounted Mini Split AC Heat Pump. This video demonstrates the BRAVO Wall Mounted Mini Split AC Heat Pump, showcasing its indoor and outdoor units and emphasizing its quiet operation and suitability for various applications.

2. SAFETY INFORMATION

Important: This is not DIY equipment. Professional installation is required to ensure proper function, safety, and warranty validity. Improper installation can lead to electric shock, fire, serious injury, or death.

- Always disconnect power before servicing or cleaning the unit.
- Ensure the unit is properly grounded.
- Do not block air inlets or outlets of the indoor or outdoor units.
- The unit uses R32 refrigerant. Handle with care and ensure proper ventilation during installation and servicing.
- Keep children and pets away from the outdoor unit.

3. PRODUCT OVERVIEW

The BRAVO Mini Split system consists of an indoor unit, an outdoor condenser unit, a remote control, and a smart control adapter for mobile app connectivity.

Indoor Unit:



The sleek indoor unit features a digital display for temperature and mode indication.

Outdoor Unit:



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- 12K, 18K, 24K & 36K Btu/h
- Cooling and Heating
- Line Sets Included
- Remote Included
- Comfortable Sleep Mode
- Multiple Fan Speeds
- Auto-Swing Louvers
- Super Mode / Eco Mode
- SMART APP included



The robust outdoor condenser unit houses the inverter compressor and fan.

Remote Control & Smart App:

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The included remote control allows for easy adjustment of settings.

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THIS UNIT INCLUDES SMART APP
ALLOWING YOU TO CONTROL YOU UNIT
THROUGH ANY SMART DEVICE.

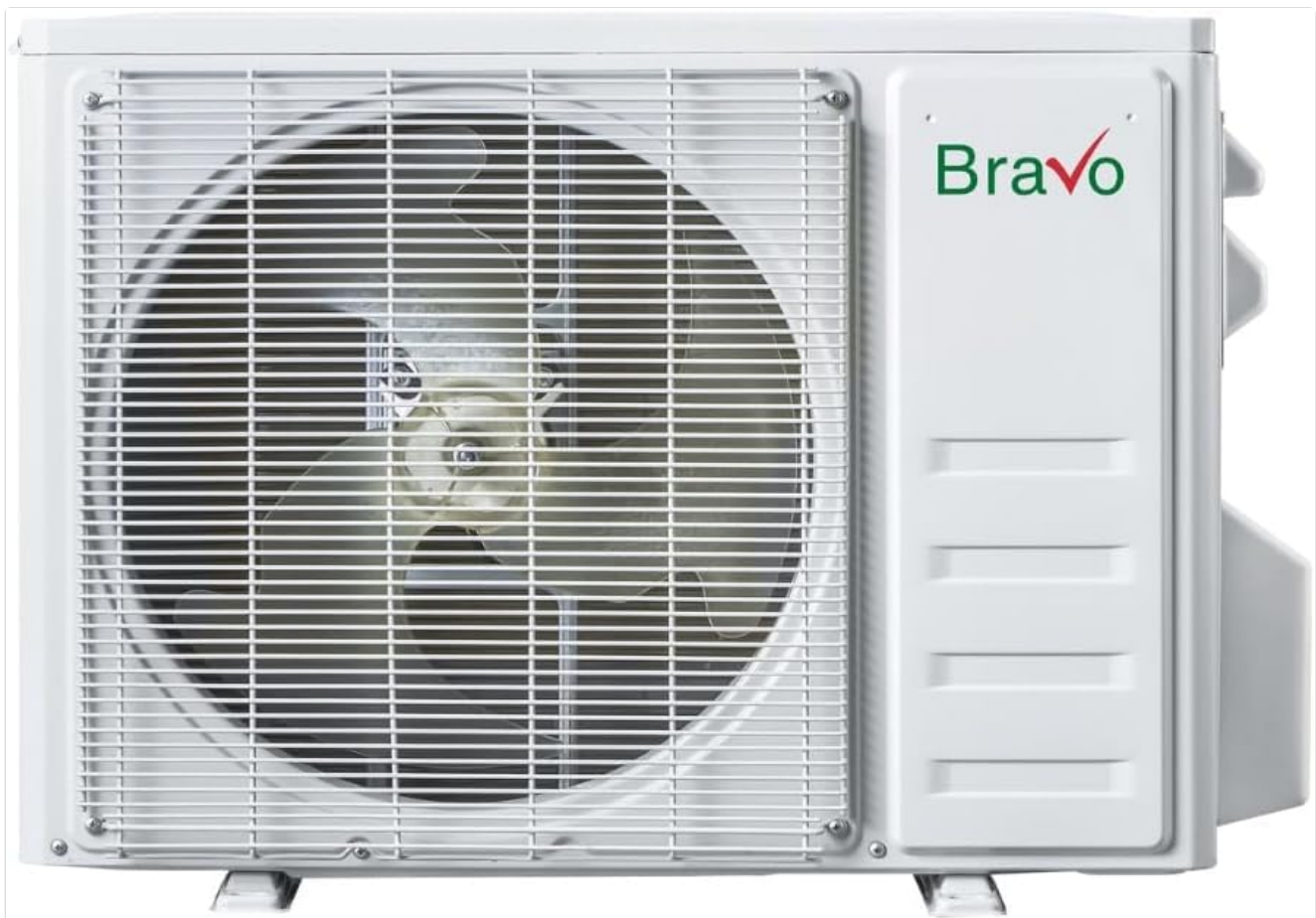
Control your unit remotely using the dedicated mobile app via the smart port adapter.

4. SETUP & INSTALLATION

The BRAVO Mini Split system comes with a 13ft installation kit, including pre-flared and insulated copper line sets, communication wires, and drainage extension. However, professional installation is mandatory for optimal performance and safety.

Installation Kit Contents:

- 13ft Pre-Flared and Insulated Copper Line Set
- 13ft Communication Wires (between Indoor and Outdoor unit)
- 13ft Drainage Extension
- Small Accessories



The complete BRAVO mini split system, including the indoor unit, outdoor unit, remote, and installation accessories.

Power Requirements:

This 24,000 BTU model requires a 230V (AC) power supply.

Operating Environment:

The unit is designed to operate efficiently in a wide range of ambient temperatures, with heating functionality down to -4°F.

5. OPERATING INSTRUCTIONS

Your BRAVO Mini Split system offers various modes and features for personalized comfort.

Control Methods:

- **Remote Control:** Use the included remote to power on/off, adjust temperature, change modes, and set fan speed.
- **Smart App:** Connect the smart port adapter to your unit and download the Remote mobile app to control your unit from your smartphone. This allows you to turn units ON and OFF, set the temperature, alternate between C° and F°, switch modes, and adjust the fan speed.

Available Modes:

- **Cooling:** Provides efficient cooling for your space.
- **Heating:** Offers effective heating, even in low ambient temperatures (down to -4°F).
- **Eco Mode:** Optimizes energy consumption for cost savings.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep.

- **Super Mode:** Provides rapid cooling or heating.
- **Anti-Mildew Mode:** Helps prevent mildew growth within the indoor unit.

Fan Speeds:

Multiple fan speeds are available to customize airflow and noise levels.

Auto-Swing Louvers:

The auto-swing function ensures even distribution of air throughout the room.

Video 2: More than a compliment. This video provides an overview of the BRAVO Roma mini split system, highlighting its features such as R32 refrigerant, multiple fan speeds, remote control, and smart app connectivity. It also shows the unit's design and operating temperature range.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your BRAVO Mini Split system.

Filter Cleaning:

- Clean the air filters every two weeks or more frequently depending on usage and air quality.
- To clean, open the front panel of the indoor unit, remove the filters, wash them with lukewarm water and mild detergent, rinse thoroughly, and allow them to dry completely before reinserting.

Outdoor Unit Maintenance:

- Keep the area around the outdoor unit clear of debris, leaves, and other obstructions to ensure proper airflow.
- Periodically clean the outdoor coil with a soft brush or vacuum cleaner.

Professional Servicing:

It is recommended to have your system inspected and serviced by a qualified HVAC technician annually.

7. TROUBLESHOOTING

If you encounter issues with your unit, refer to the following common troubleshooting steps. For complex problems, contact professional technical support.

Common Issues and Solutions:

- **Unit does not turn on:** Check power supply, circuit breaker, and ensure the remote control batteries are functional.
- **Insufficient cooling/heating:** Verify correct mode selection, check for blocked air filters, ensure no obstructions to airflow, and confirm temperature settings.
- **Unusual noise:** Check for loose parts or debris in the fan. If the noise persists, contact a technician.
- **Water leakage from indoor unit:** This could indicate a clogged drain line or improper installation. Turn off the unit and contact a professional.
- **Remote control not working:** Replace batteries, ensure no obstructions between remote and indoor unit, and check if the remote is set to the correct unit.

8. SPECIFICATIONS

Detailed technical specifications for the BRAVO 24,000 BTU 230V Ductless Mini Split Air Conditioner and Heat Pump.



Detailed specifications for various BRAVO Mini Split models, including the 24,000 BTU unit.

BRAVO 24,000 BTU Mini Split Specifications

Feature	Value
Brand	BRAVO
Model Name	BRV-R24W-230VI/BRV-R24LS-230VO
Capacity	2 Tons (24,000 BTU)
Cooling Power	24000 British Thermal Units
Seasonal Energy Efficiency Ratio (SEER2)	17.0 (SEER: 18.0)
Voltage	230 Volts (AC)
Noise Level	39 Decibels
Refrigerant	R-32
Product Dimensions (Indoor Unit)	12.4"D x 39.76"W x 8.66"H
Special Features	Heating & Cooling Function, Inverter Compressor, Remote Controlled, WiFi Enabled
Installation Type	Split System
Compressor Type	Rotary Scroll
Control Method	App, Remote

Feature	Value
Power Source	Corded Electric
Wattage	6824 watts
Efficiency	High Efficiency
Form Factor	Mini-Split

9. WARRANTY & SUPPORT

BRAVO is committed to providing reliable products and excellent customer service.

Warranty Information:

- **Compressor:** 3 Years Limited Warranty
- **Parts:** 3 Years Limited Warranty

Please refer to your warranty card for full terms and conditions. Keep your proof of purchase for warranty claims.

Technical Support:

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact BRAVO customer support. Contact details can typically be found on the product packaging or the official BRAVO website.