

BRAVO BRV-R18W-230VI/BRV-R18LS-230VO

BRAVO 18,000 BTU 230V Ductless Mini Split AC Instruction Manual

Model: BRV-R18W-230VI/BRV-R18LS-230VO

INTRODUCTION

This manual provides comprehensive instructions for the safe installation, operation, and maintenance of your BRAVO 18,000 BTU 230V Ductless Mini Split AC system. This unit features 17 SEER2 efficiency, smart control capabilities, and provides both cooling and heating functions. Please read this manual thoroughly before installation and use to ensure proper function and to prevent damage or injury.

SAFETY INFORMATION

WARNING: Professional installation is required for this equipment. Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Consult a qualified installer, service agency, or the gas supplier for assistance.

- Always disconnect power before servicing the unit.
- Ensure proper grounding to prevent electrical shock.
- Do not block air inlets or outlets of the indoor or outdoor units.
- Keep children away from the unit during operation and maintenance.
- This unit uses R32 refrigerant. Handling of refrigerants should only be performed by certified professionals.
- Refer to local codes and regulations for installation requirements.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- BRAVO 18,000 BTU Indoor Unit (Wall Mount Air Handler)
- BRAVO 18,000 BTU Outdoor Unit (Condenser, pre-charged with R32 refrigerant)
- 13ft Pre-Flared and Insulated Copper Line Set
- 13ft Communication Wires (between Indoor and Outdoor unit)
- Small Accessories (e.g., mounting hardware, remote control holder)

- 13ft Drainage Extension
- Remote Control
- Smart Kit (for Wi-Fi connectivity)



Image: Complete BRAVO Mini Split AC system including indoor unit, outdoor unit, remote control, and the 13ft installation kit.

SETUP AND INSTALLATION

The BRAVO 18,000 BTU Mini Split AC system requires professional installation. This is not DIY equipment. Consult a qualified HVAC technician for proper installation to ensure safety, efficiency, and warranty validity.

Key Installation Considerations:

- **Location:** Select appropriate locations for both the indoor and outdoor units, ensuring adequate airflow and clearance. The indoor unit should be mounted high on a wall to maximize air distribution.
- **Electrical Connection:** The unit operates on 230V. Ensure dedicated electrical circuits meet the system's requirements.

- **Refrigerant Lines:** The outdoor condenser is pre-charged with R32 refrigerant. The included 13ft pre-flared and insulated copper line set connects the indoor and outdoor units.
- **Drainage:** Connect the 13ft drainage extension to the indoor unit to properly dispose of condensate.
- **Communication Wiring:** Use the provided 13ft communication wires to connect the indoor and outdoor units for control signals.



Image: Close-up view of the BRAVO indoor unit, highlighting its compact design and integrated digital temperature display.

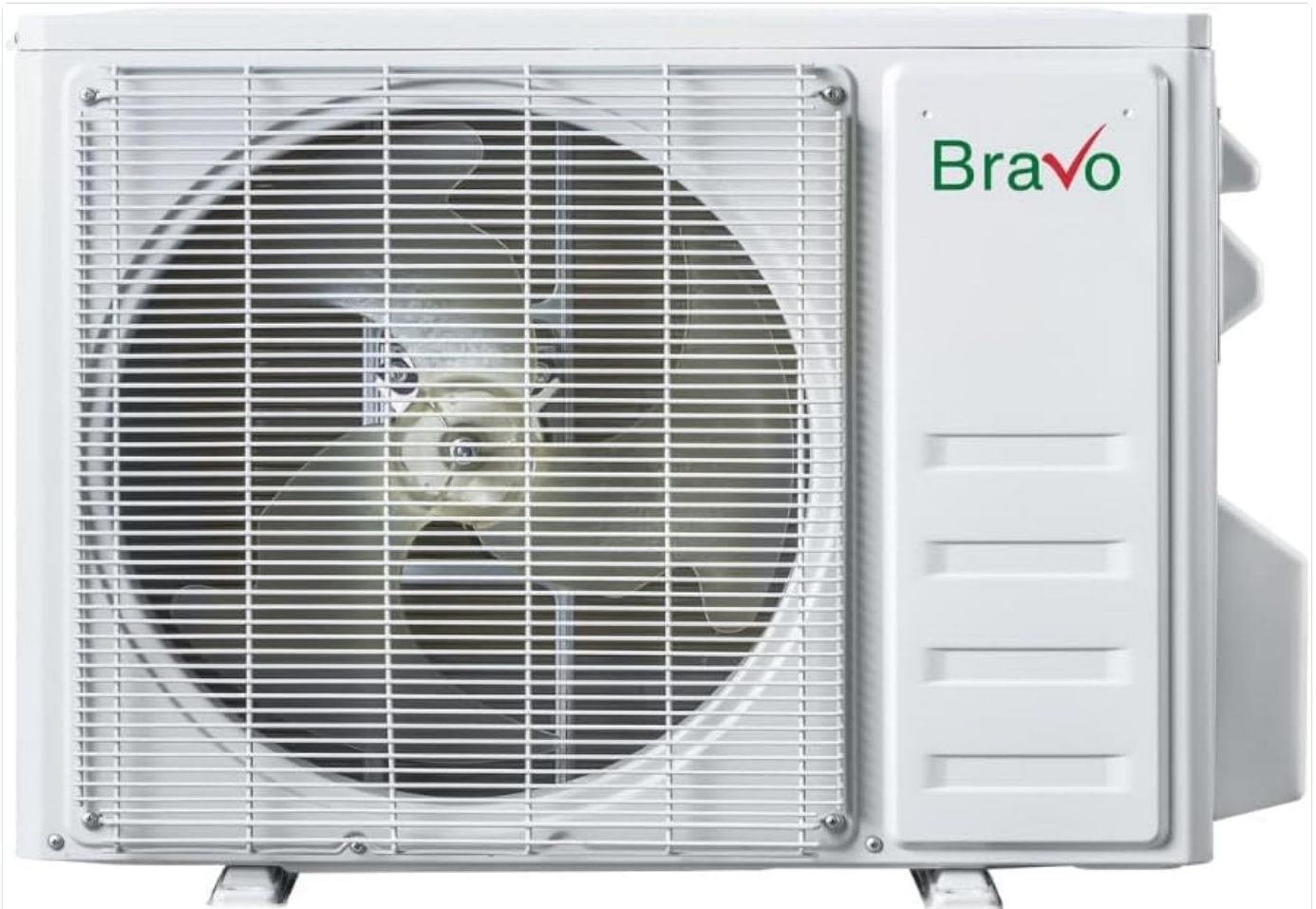


Image: Close-up view of the BRAVO outdoor condenser unit, showing the fan and protective grille.

OPERATING INSTRUCTIONS

Your BRAVO Mini Split AC system offers various modes and features for optimal comfort and energy efficiency.

Remote Control Operation:

The included remote control allows direct management of the unit's functions.

- **Power Button:** Turns the unit ON or OFF.
- **Mode Selection:** Cycle through Cooling, Heating, Fan, Dry, and Auto modes.
- **Temperature Adjustment:** Use the Up/Down arrows to set your desired temperature.
- **Fan Speed:** Adjust fan speed (Low, Medium, High, Auto) for airflow control.
- **Swing Function:** Activates or deactivates the auto-swing louvers for even air distribution.
- **Sleep Mode:** Optimizes temperature and fan speed for comfortable sleep and energy saving.
- **Timer:** Set the unit to turn ON or OFF at specific times.
- **Eco Mode:** Engages energy-saving operation.

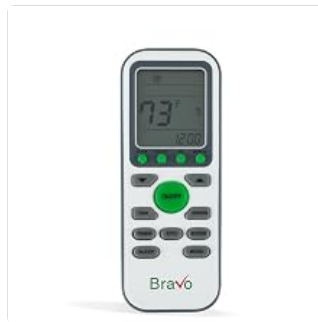


Image: The BRAVO remote control, featuring buttons for power, mode, temperature, fan speed, and special functions like Sleep and Eco modes.

Smart Control (Wi-Fi) Operation:

The included Smart Kit enables control of your BRAVO Mini Split AC via a smart device application.

- **App Download:** Download the BRAVO smart control application from your device's app store.
- **Pairing:** Follow the in-app instructions to pair your smart device with the Mini Split AC unit using the provided Smart Kit (dongle).
- **Remote Management:** Control temperature, mode, fan speed, and set schedules from anywhere with an internet connection.

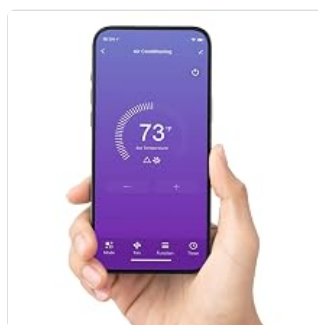


Image: The BRAVO Smart Kit Wi-Fi dongle, used to enable smart device control for the mini split AC unit.



Image: A smartphone displaying the BRAVO smart control application, showing temperature adjustment and mode selection options.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your BRAVO Mini Split AC system.

Indoor Unit:

- **Air Filter Cleaning:** Clean the air filters every two weeks or more frequently depending on usage and air quality. Open the front panel, remove filters, wash with mild soap and water, rinse thoroughly, and dry completely before reinserting.
- **Coil Cleaning:** Periodically inspect and clean the indoor coil. This should ideally be done by a professional.
- **Exterior Cleaning:** Wipe the exterior of the indoor unit with a soft, damp cloth. Do not use harsh chemicals or abrasives.

Outdoor Unit:

- **Coil Cleaning:** Keep the outdoor coil free from dirt, leaves, and other debris. Use a soft brush or vacuum cleaner.
- **Clearance:** Ensure there is adequate clearance around the outdoor unit for proper airflow.
- **Drainage:** Check the condensate drain line for blockages.

CAUTION: Always turn off the power to the unit before performing any maintenance.

TROUBLESHOOTING

Before contacting customer support, review the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; remote control batteries dead.	Check circuit breaker; replace remote control batteries.
Insufficient cooling/heating.	Dirty air filters; blocked outdoor unit; incorrect mode setting; low refrigerant.	Clean air filters; clear obstructions from outdoor unit; verify mode setting; contact professional for refrigerant check.
Unusual noise.	Loose parts; fan obstruction; compressor issue.	Inspect for loose parts; remove obstructions; if noise persists, contact service.

Problem	Possible Cause	Solution
Water leakage from indoor unit.	Blocked drain pipe; improper installation.	Clear drain pipe; contact professional for inspection.
Smart control app not connecting.	Wi-Fi signal issue; incorrect pairing.	Check Wi-Fi router; re-attempt pairing process as per app instructions.

SPECIFICATIONS

Detailed technical specifications for the BRAVO 18,000 BTU 230V Ductless Mini Split AC system:



Image: Technical specifications table for various BRAVO Mini Split AC models, including the 18,000 BTU unit.

Feature	Detail
Brand	BRAVO
Model Name	BRV-R18W-230VI/BRV-R18LS-230VO
Capacity	18,000 BTU (1.5 Tons)
Voltage	230V AC
SEER2 Rating	17
Operating Modes	Cooling, Heating, Fan, Dry, Auto
Refrigerant Type	R-32

Feature	Detail
Noise Level (Indoor)	32 dB (Whisper Technology)
Special Features	Fast Cooling, Inverter Compressor, Remote Controlled, WiFi Enabled (Smart Control)
Product Dimensions (Indoor Unit)	11.57"D x 35.82"W x 8.11"H
Included Components	13ft Pre-Flared and Insulated Copper Line Set, 13ft Communication Wires, Small Accessories, 13ft Drainage Extension

WARRANTY AND SUPPORT

BRAVO offers a limited warranty for this Mini Split AC system. Specific warranty details are typically provided with your purchase documentation. Generally, the warranty covers manufacturing defects for a specified period.

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

For warranty claims or technical support, please contact BRAVO customer service or your authorized dealer. Ensure you have your model number (BRV-R18W-230VI/BRV-R18LS-230VO) and proof of purchase available.



Image: BRAVO indoor unit displayed alongside badges indicating a 3-year warranty for both compressor and parts.

PRODUCT VIDEOS

BRAVO Mini Split AC Overview

Your browser does not support the video tag.

Video: An overview of the BRAVO Mini Split AC system, highlighting its features and benefits. This video demonstrates the unit's design and functionality.

BRAVO Wall Mounted Mini Split AC Heat Pump Features

Your browser does not support the video tag.

Video: A short video showcasing the key features of the BRAVO Wall Mounted Mini Split AC Heat Pump, including its cooling and heating capabilities.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question