

bion HEATING Dual Inverter 9000+12000 btu

bion HEATING Dual Inverter 9000+12000 BTU Air Conditioner User Manual

Model: Dual Inverter 9000+12000 BTU

INTRODUCTION

This manual provides essential information for the safe and efficient operation and maintenance of your bion HEATING Dual Inverter Air Conditioner. Please read this manual thoroughly before installation and use to ensure proper function and to prevent damage to the unit or injury to persons. Keep this manual for future reference.

IMPORTANT SAFETY INFORMATION

WARNING: Failure to follow these instructions could result in electric shock, fire, or serious injury.

- Installation must be performed by a certified professional in accordance with local and national electrical and refrigeration codes. This product contains fluorinated gas (R32) and is subject to specific regulations (e.g., DPR 146/2018 in Italy).
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel for all repairs.
- Ensure the power supply matches the unit's specifications (220-240V~50Hz).
- Do not block air inlets or outlets of the indoor or outdoor units.
- Keep children and pets away from the unit during operation.
- Turn off the power supply before cleaning or performing any maintenance.

PRODUCT OVERVIEW

The bion HEATING Dual Inverter Air Conditioner system consists of an outdoor unit and two indoor units (one 9000 BTU and one 12000 BTU). It features a heat pump for both cooling and heating functions, a retractable LED display, and a multi-function remote control.

Components Included:

- 1 x Outdoor Unit

- 1 x Indoor Unit (9000 BTU)
- 1 x Indoor Unit (12000 BTU)
- 1 x Multi-function Remote Control

SETUP AND INSTALLATION

Professional Installation Required: Due to the presence of fluorinated gases and the complexity of the system, installation of this air conditioner must be carried out by a qualified and certified technician. Attempting self-installation may void your warranty and pose significant safety risks.

Ensure the installation site meets the following criteria:

- Sufficient space for proper airflow around both indoor and outdoor units.
- A stable and level surface for the outdoor unit.
- Adequate drainage for condensate water.
- Proximity to a suitable power outlet (220-240V~50Hz).

Refer to the detailed installation guide provided to the certified technician for specific mounting dimensions and refrigerant line connections.

OPERATING INSTRUCTIONS

Remote Control Functions:

The air conditioner is operated primarily via the multi-function remote control. Point the remote control directly at the indoor unit's receiver when sending commands.

- **Power On/Off:** Press the **ON/OFF** button to start or stop the unit.
- **Mode Selection:** Use the **MODE** button to cycle through operating modes:
 - *Cooling:* For reducing room temperature.
 - *Heating:* For increasing room temperature (heat pump function).
 - *Fan:* Circulates air without cooling or heating.
 - *Dry:* Reduces humidity.
 - *Auto:* Automatically selects mode based on room temperature.
- **Temperature Adjustment:** Use the **TEMP UP/DOWN** buttons to set your desired temperature.
- **Fan Speed:** Adjust the fan speed (Low, Medium, High, Auto) using the **FAN** button.
- **Swing Function:** Activate or deactivate the louver swing for even air distribution.
- **Timer Function:** Set the unit to turn on or off automatically after a specified period.

LED Display:

The indoor units feature a retractable LED display that shows the current settings, such as temperature and operating mode. This display is designed to be discreet when not in use.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner. Always disconnect power to the unit before performing any maintenance.

Indoor Unit:

- **Air Filter Cleaning:** The air filters should be cleaned every two weeks or more frequently depending on usage and air quality.
 1. Open the front panel of the indoor unit.
 2. Remove the air filters.
 3. Clean filters with a vacuum cleaner or wash them with lukewarm water and mild detergent.
 4. Allow filters to dry completely before reinserting them.
- **Exterior Cleaning:** Wipe the indoor unit's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

Outdoor Unit:

- **Coil Cleaning:** The outdoor unit's coils should be inspected and cleaned annually by a qualified technician to remove dirt and debris that can impede heat exchange.
- **Clear Obstructions:** Ensure that there are no leaves, dirt, or other obstructions blocking the airflow around the outdoor unit.

TROUBLESHOOTING

Before contacting service, please check the following common issues:

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Remote control batteries depleted; Circuit breaker tripped.	Check power connection; Replace remote batteries; Reset circuit breaker.
Insufficient cooling/heating	Dirty air filters; Blocked outdoor unit; Incorrect temperature setting; Doors/windows open.	Clean air filters; Clear obstructions from outdoor unit; Adjust temperature; Close doors/windows.
Unusual noise	Loose parts; Unit not level; Obstruction in fan.	Ensure unit is level; Check for and remove obstructions. If noise persists, contact service.
Water leakage from indoor unit	Blocked drain pipe; Incorrect installation angle.	Clear drain pipe. If issue persists, contact a certified technician for inspection.

If the problem persists after attempting these solutions, please contact a qualified service technician.

SPECIFICATIONS

Feature	Detail
Brand	bion HEATING
Model Name	Dual Inverter 9000+12000 BTU
Model Number	2245fbfb-f34a-42e4-a5a2-b52bc9242d3f
Cooling Power	5.3 Kilowatts (Nominal)
Heating Power	4.8 Kilowatts (Nominal)

Feature	Detail
SEER (Seasonal Energy Efficiency Ratio)	6.0
SCOP (Seasonal Coefficient of Performance)	3.8
Energy Class	A+/A++
Power Source	220-240V~50Hz (Wired)
Refrigerant Type	R32 (Fluorinated Gas)
Compressor Type	Rotary Scroll
Installation Type	Split System (Requires External Unit)
Control Method	Remote Control
Special Features	Retractable LED Display, Multi-function Remote Control
Item Weight	43 Kilograms (Total)
Components Included	Outdoor Unit, 9000 BTU Indoor Unit, 12000 BTU Indoor Unit

WARRANTY INFORMATION

This product comes with a **Limited Warranty**. For specific terms and conditions, including coverage duration and what is covered, please refer to the warranty card included with your product or contact bion HEATING customer support. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, service requests, or inquiries regarding your bion HEATING Dual Inverter Air Conditioner, please contact your retailer or the manufacturer's customer support. Ensure you have your model number and proof of purchase ready when contacting support.

Note: As per Italian regulations (DPR 146/2018), installation and any work involving the refrigerant circuit must be performed by F-Gas certified personnel.