

DEMULLER ANHUI-SPLITAC

DEMULLER 9000BTU 4-in-1 Split Air Conditioner & Heater User Manual

Model: ANHUI-SPLITAC

1. INTRODUCTION

The DEMULLER 9000BTU 4-in-1 Split Air Conditioner & Heater is a versatile climate control system designed to provide year-round comfort. This unit features cooling, heating, dry, and fan modes, making it suitable for various environments up to 450 sq. ft. With its 17 SEER2 efficiency and R32 refrigerant, it offers powerful performance while minimizing energy consumption.



Figure 1.1: Overview of the DEMULLER 9000BTU Split Air Conditioner and its included components, including the indoor unit, outdoor unit, remote control, and installation accessories.



Figure 1.2: Key features of the Inverter Heat & Cool Mini Split AC, highlighting its 9000BTU cooling and heating capacity, 450 sq. ft. coverage area, and R32 refrigerant.



Figure 1.3: Illustration of the 4-in-1 functionality, including Fan, Dry, Cool (effective up to 122°F), and Heat (effective down to -4°F) modes.

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before installing or operating this appliance. Failure to follow these instructions may result in electric shock, fire, or serious injury. Keep this manual for future reference.

- **Professional Installation:** This mini-split unit requires professional installation. Do not attempt to install it yourself.
- **Power Supply:** Ensure the power supply matches the unit's requirements (115V).
- **Refrigerant:** This unit uses R32 refrigerant. Handle with care and only by certified professionals.
- **Clearances:** Maintain adequate clearances around both indoor and outdoor units for proper airflow and maintenance.
- **Children and Pets:** Keep children and pets away from the unit during operation and maintenance.

3. PRODUCT COMPONENTS

The DEMULLER 9000BTU Split Air Conditioner system is shipped in two separate packages. Please verify all components are present upon delivery.



Figure 3.1: Contents of the two delivery packages. Box 1 contains the indoor unit, hanging board, instruction manual, remote control, and wall sheathing. Box 2 contains the outdoor unit, drain pipe, communication wire, connection pipes, wall sleeve, putty, tape, and screws.

Package 1 (Indoor Unit Box)

- Indoor Unit
- Hanging Board
- Instruction Manual
- Remote Control
- Wall Sheathing

Package 2 (Outdoor Unit Box)

- Outdoor Unit
- Drain Pipe
- Communication Wire
- Connection Pipe (x2)

- Wall Sleeve
- Putty for blocking wall holes
- Tape
- Screws (x6)

4. SETUP AND INSTALLATION

IMPORTANT: PROFESSIONAL INSTALLATION IS NECESSARY. DO NOT INSTALL THIS UNIT BY YOURSELF. This mini-split unit ships in two packages (indoor & outdoor units), which may not arrive at the same time. Please ensure both packages have arrived before scheduling installation.

Installation involves mounting both the indoor and outdoor units, connecting refrigerant lines, electrical wiring, and drainage. Due to the complexity and the need for specialized tools and knowledge, installation must be performed by a qualified HVAC professional.

Unit Dimensions

Consider the following dimensions for proper placement and installation:



Figure 4.1: Detailed dimensions for both the indoor and outdoor units to assist with installation planning.

- **Indoor Unit:** 7.48"D x 28.35"W x 11.42"H
- **Outdoor Unit:** 9.37"D x 24.8"W x 19.88"H

5. OPERATING INSTRUCTIONS

The DEMULLER Split AC unit offers multiple modes and features for optimal comfort, controlled via the included remote.

Operating Modes



Figure 5.1: The remote control interface showing available modes and settings, including 7 operating modes and 4 fan speeds.

- **Auto Mode:** Automatically selects cooling or heating based on the ambient temperature.
- **Cool Mode:** Provides cooling. Temperature range: 61°F to 86°F.
- **Heat Mode:** Provides heating. Effective in environments as low as -4°F.
- **Dry (Dehumidify) Mode:** Reduces humidity in the room.
- **Fan Mode:** Circulates air without cooling or heating.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep and energy saving.
- **ECO Mode:** Optimizes operation for maximum energy efficiency.

Fan Speeds

- Low
- Mid
- High
- Turbo (for rapid cooling/heating)

Additional Features

- **24-Hour Timer:** Set the unit to turn on or off automatically at desired times.
- **Quiet Operation:** Designed for low noise levels, ensuring a peaceful environment.

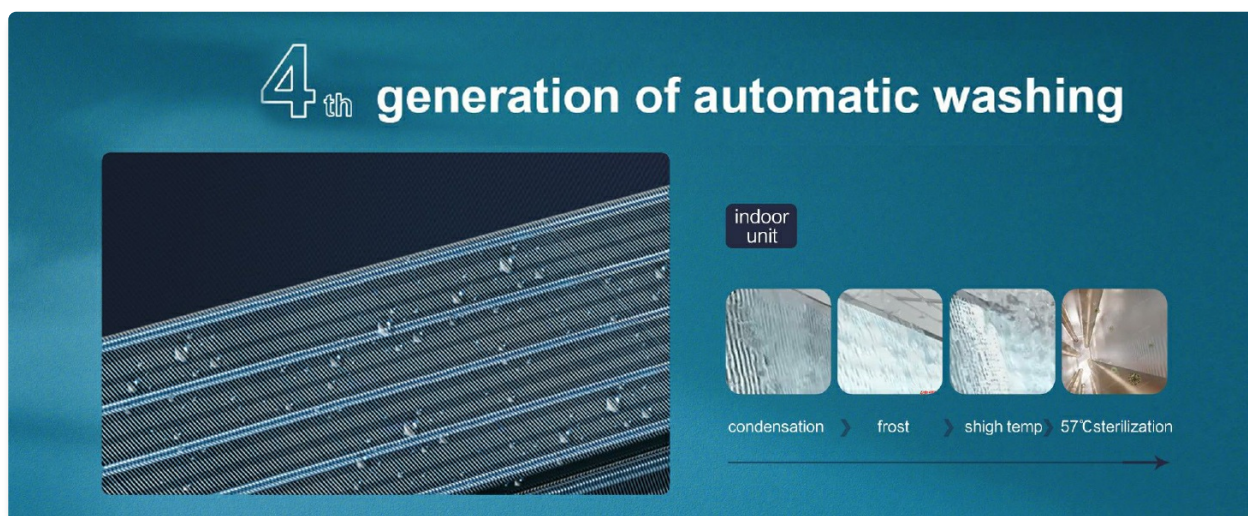


Figure 5.2: The unit operates at an ultra-quiet 26dB, comparable to a quiet library, ensuring minimal disturbance.

- **Automatic Defrosting:** Prevents ice buildup on the outdoor unit during heating operation in cold climates.
- **Self-Cleaning Function:** Helps maintain the cleanliness of the indoor unit's evaporator coil.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your DEMULLER Split AC unit.

Self-Cleaning Function

The unit features a self-cleaning function to prevent mold and bacteria growth on the indoor coil. Consult your remote control's specific instructions for activating this feature.



Figure 6.1: The self-cleaning process involves condensation, frost formation, high-temperature melting (57°C sterilization), and drying to ensure a clean indoor unit.

Filter Cleaning

The air filters should be cleaned regularly (e.g., every two weeks or as needed) to maintain airflow and efficiency. Refer to the detailed instruction manual for steps on how to remove and clean the filters.

Professional Servicing

It is recommended to have your unit professionally serviced at least once a year by a qualified HVAC technician to check refrigerant levels, clean coils, and inspect all components.

7. TROUBLESHOOTING

If you encounter issues with your DEMULLER Split AC unit, refer to the following common troubleshooting tips. For more complex problems, contact a qualified technician.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Remote control batteries dead	Check circuit breaker; Replace remote batteries
Insufficient cooling/heating	Dirty air filters; Doors/windows open; Room size too large; Low refrigerant	Clean filters; Close openings; Verify room size is within 450 sq. ft.; Contact professional for refrigerant check
Unusual noise	Loose parts; Obstruction in fan; Unit not level	Inspect unit for loose components; Remove obstructions; Ensure unit is level; Contact professional if noise persists
Water leakage	Clogged drain pipe; Improper installation	Check and clear drain pipe; Contact professional for installation inspection

8. SPECIFICATIONS

Detailed technical specifications for the DEMULLER 9000BTU Split Air Conditioner & Heater.

Specification	Value
Brand Name	DEMULLER
Model Info	ANHUI-SPLITAC
Product Dimensions (Indoor)	7.48 x 28.35 x 11.42 inches
Efficiency	17 SEER2
Capacity	0.75 Tons (9000 BTU)

Specification	Value
Installation Type	Split System
Form Factor	Mini-Split
Special Features	Easy to Install (by professional), Washable filters
Color	White
Voltage	115 Volts
Included Components	Remote Control, Window Kit (likely refers to installation kit components)
Floor Area Coverage	450 Square Feet
Refrigerant	R-32
Power Source	Corded Electric
Operating Temperature (Cool)	Up to 122°F
Operating Temperature (Heat)	As low as -4°F

9. WARRANTY AND SUPPORT

For warranty information specific to your DEMULLER product, please refer to the warranty card included with your purchase or contact DEMULLER customer support directly. Amazon protection plans are separate and managed by Amazon or their partners.

Customer Support

If you have any questions, require technical assistance, or need to report an issue, please contact DEMULLER customer support. Contact details are typically found in the included instruction manual or on the official DEMULLER website.

For general inquiries or to find more information about DEMULLER products, you can visit the official DEMULLER store on Amazon: [DEMULLER Store](#)