

DEMULLER ANHUI-SPLITAC

DEMULLER 12000BTU 4-in-1 Split Air Conditioner & Heater

Model: ANHUI-SPLITAC

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your DEMULLER 12000BTU 4-in-1 Split Air Conditioner & Heater. This versatile unit offers cooling, heating, dehumidifying, and fan modes, designed for year-round comfort in spaces up to 750 sq. ft. Please read this manual thoroughly before installation and use, and retain it for future reference.

2. SAFETY INFORMATION

Important Tip: PROFESSIONAL INSTALLATION IS NECESSARY. DO NOT INSTALL THIS UNIT BY YOURSELF.

Always adhere to local electrical codes and regulations. Ensure the power supply matches the unit's requirements (230V). Disconnect power before performing any maintenance or cleaning. Keep children and pets away from the unit during operation. Do not block air inlets or outlets. If any abnormal operation or sound occurs, immediately turn off the unit and contact qualified service personnel.

3. PRODUCT OVERVIEW

The DEMULLER 4-in-1 Split Air Conditioner system consists of an indoor unit, an outdoor unit, and various accessories for installation and control.



Figure 3.1: Complete DEMULLER 12000BTU Split AC System, showing the indoor unit, outdoor unit, remote control, and various installation components including copper pipes and drainage hose.

This unit provides powerful cooling and heating capabilities, suitable for areas up to 750 sq. ft., with a 12000 BTU cooling and heating capacity.

POWERFUL SPLIT AC UNIT

12000 BTU

COOLING CAPACITY

12000 BTU

HEAT CAPACITY

750 SQ.FT

COVERAGE AREA

1 TON

HEAT PUMP



Figure 3.2: Performance specifications of the split AC unit, highlighting its 12000 BTU cooling and heating capacity, 750 sq. ft. coverage area, and 1-ton heat pump functionality.

The system is designed for all-season use, operating effectively in a wide range of temperatures.

ALL-SEASON INTEGRATED SPLIT AIR CONDITIONER



122°F

Use it in hot environments
as high as 122°F



-4°F

Use it in cold environments
as low as -4°F

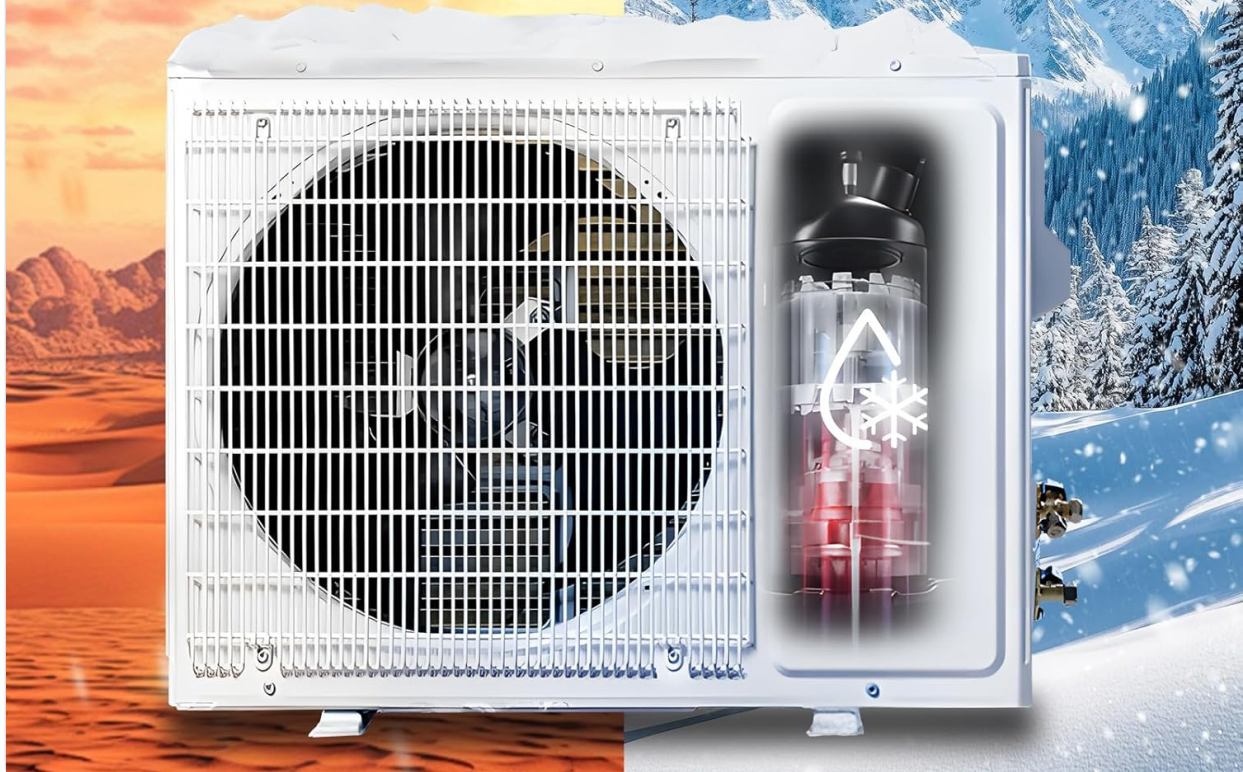


Figure 3.3: The unit's ability to function in extreme temperatures, from 122°F for cooling to -4°F for heating, ensuring year-round comfort.

It features 17 SEER2 efficiency and uses R32 refrigerant for reduced energy consumption.



Figure 3.4: Energy efficiency details, showing the 17 SEER2 rating and the use of R32 refrigerant, contributing to over 25% energy savings.

The unit operates quietly, ensuring a comfortable environment.

ULTRA-QUIET OPERATION

Enjoy a comfortable home life



Figure 3.5: Illustration of the ultra-quiet operation, designed to provide a comfortable and undisturbed home environment, ideal for sleeping.



Figure 3.6: The indoor unit effectively distributing air throughout a living space, demonstrating its cooling or heating capability.

4. SETUP AND INSTALLATION

The DEMULLER Split AC unit ships in two separate packages, which may not arrive at the same time. Professional installation is required for this system to ensure proper function and safety. Please do not attempt to install it yourself.

Package contents are detailed below:

2 PACKAGES DELIVERY



X1



Indoor unit



Remote control



Hanging board



Instruction manual



Wall sheathing



X2



Tape



Drain pipe



Communication wire



Outdoor unit



Putty for blocking wall holes



Screw



Connection pipe *2



Wall sleeve

Figure 4.1: Contents of the two delivery packages. Box One contains the indoor unit, hanging board, instruction manual, remote control, and wall sheathing. Box Two contains the outdoor unit, drain pipe, communication wire, connection pipes, wall sleeve, putty, tape, and screws.

Upon receipt, verify all components are present and undamaged before scheduling professional installation.

5. OPERATING INSTRUCTIONS

The unit can be controlled using the included remote control. The remote allows you to select various modes, adjust temperature, and fan speed.



Figure 5.1: The remote control interface and available operating modes and fan speeds for the split AC unit.

5.1. Operating Modes

- **Cool Mode:** For cooling the room.
- **Heat Mode:** For heating the room.
- **Dry Mode (Dehumidify):** Reduces humidity in the air.
- **Fan Mode:** Circulates air without cooling or heating.
- **Auto Mode:** Automatically selects the appropriate mode based on room temperature.

5.2. Special Functions

- **24-Hour Timer:** Allows you to set the unit to turn on or off automatically after a set period.
- **Turbo Mode:** Provides rapid cooling or heating for quick temperature adjustment.
- **ECO Mode:** Optimizes energy consumption for efficient operation.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep and reduced noise.
- **Screen Off:** Turns off the display lights on the indoor unit.
- **Swing:** Controls the louver movement for optimal air distribution.

The remote control temperature range is 61 °F to 86 °F (16 °C to 30 °C).

6. MAINTENANCE

To ensure long-lasting efficiency and performance, the unit is equipped with automatic defrosting and self-cleaning functions. Regular maintenance helps maintain optimal air quality and system longevity.

- **Automatic Defrosting:** The outdoor unit will automatically defrost when ice builds up during heating operation in cold weather.
- **Self-Cleaning:** This function helps to clean the indoor coil, preventing mold and bacteria growth. Refer to the detailed instructions in the included user manual for activating this feature.
- **Filter Cleaning:** Regularly clean the air filters of the indoor unit to ensure proper airflow and efficiency.

7. TROUBLESHOOTING

If you encounter any issues with your DEMULLER Split AC unit, please refer to the troubleshooting section in the comprehensive user manual provided with the product. Common issues often relate to power supply, remote control battery, or blocked air filters.

If the problem persists after consulting the manual, please contact qualified service personnel or DEMULLER customer support for assistance. Do not attempt to repair the unit yourself.

8. SPECIFICATIONS

Feature	Specification
Brand Name	DEMULLER
Model Info	ANHUI-SPLITAC
Product Dimensions (Indoor Unit)	31.5 x 7.48 x 11.42 inches (W x D x H)
Product Dimensions (Outdoor Unit)	27.95 x 10.24 x 21.81 inches (W x D x H)
Capacity	1 Tons (12000 BTU)
Installation Type	Split System
Form Factor	Mini-Split
Special Features	Easy to Install (Professional), Washable Filters, Automatic Defrosting, Self-Cleaning
Color	White
Voltage	230 Volts
Floor Area Coverage	Up to 750 Square Feet
Seasonal Energy Efficiency Ratio (SEER2)	17
Refrigerant Type	R32



Figure 8.1: Detailed dimensions of both the indoor and outdoor units for installation planning.

9. WHAT'S IN THE BOX

The DEMULLER 12000BTU Split Air Conditioner & Heater includes the following components:

- Indoor Unit
- Outdoor Unit
- Remote Control
- Hanging Board
- Wall Sheathing
- Drain Pipe
- Communication Wire
- Connection Pipes (x2)
- Wall Sleeve
- Putty for blocking wall holes
- Tape
- Screws

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your product or visit the official DEMULLER website. Ensure you retain your proof of purchase for any warranty claims.

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