

**DEMULLER YX-DEMULLER-12K SEER17-115V-Split AC**

# **DEMULLER 12000BTU Mini Split Air Conditioner & Heater User Manual**

Model: YX-DEMULLER-12K SEER17-115V-Split AC

Brand: DEMULLER

## **1. INTRODUCTION**

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Thank you for choosing the DEMULLER 12000BTU Mini Split Air Conditioner & Heater. This unit is designed to provide efficient cooling and heating for rooms up to 750 sq. ft., offering year-round comfort with its versatile modes and energy-saving features. This manual provides essential information for the safe and effective operation, installation, and maintenance of your new appliance. Please read it thoroughly before use and retain it for future reference.



Image: The complete DEMULLER 12000BTU Mini Split Air Conditioner and Heater system, including the indoor unit, outdoor unit, remote control, and various components of the installation kit.

## 2. SAFETY INFORMATION

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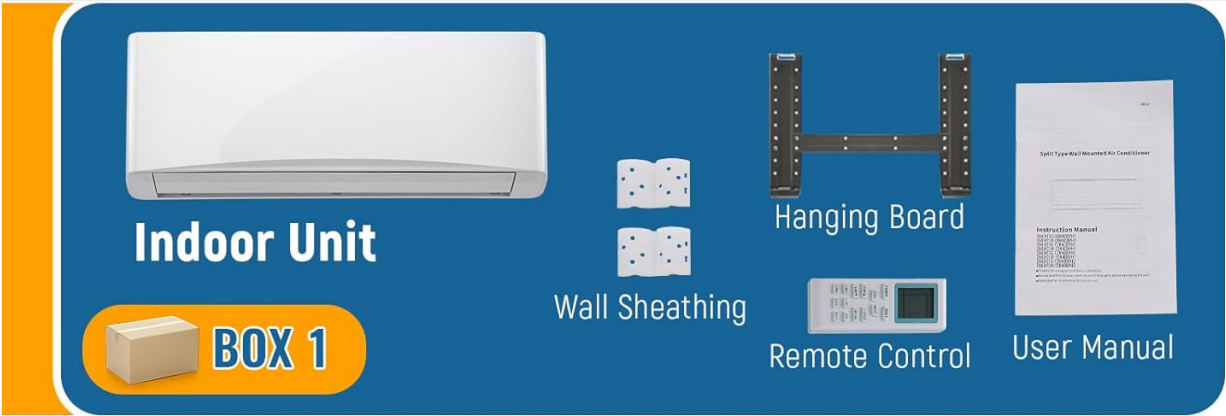
Always adhere to the following safety precautions to prevent injury or damage to the unit:

- Installation must be performed by a qualified and licensed HVAC technician. Improper installation can lead to electric shock, fire, or water leakage.
- 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 (115V).
- Do not insert fingers or objects into the air inlet/outlet.
- Keep the area around the outdoor unit clear of obstructions.
- Ensure proper grounding to prevent electric shock.
- If the unit emits smoke, a burning smell, or unusual noise, immediately turn off the power and contact a service technician.

## 3. PACKAGE CONTENTS

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Verify that all components are present upon unpacking. The package includes:



# PACKAGE LIST



Image: Contents of Box 1, including the indoor unit, wall sheathing, hanging board, remote control, and user manual.

# SPLIT AIR CONDITIONER

Rapid Cooling  
**DEMULLER**  
30s

**VS**

Other  
50s



Cooling Area: 750 Sq.ft  
Cooling Capacity: 12000BTU

Image: Contents of Box 2, showing the outdoor unit, putty, drain hose, connection pipes, screws, tape, communication wire, and wall sleeves.

- Indoor Unit
- Outdoor Unit
- Remote Control
- User Manual
- Wall Sheathing
- Hanging Board
- Putty
- Drain Hose
- Connection Pipes (x2)
- Screws (X6)
- Expansion Screws (X6)
- Tape
- Communication Wire
- Wall Sleeve

## 4. SPECIFICATIONS

Key technical specifications for the DEMULLER Mini Split AC Unit:

Feature	Specification
Manufacturer	DEMULLER
Item Model Number	YX-DEMULLER-12K SEER17-115V-Split AC
Product Dimensions	19.05 x 80.01 x 28.96 cm (Indoor); 9.53 kg
Capacity	1 Tons
Cooling Power	12000 British Thermal Units (BTU)
Heating Power	12000 British Thermal Units (BTU)
Seasonal Energy Efficiency Ratio (SEER)	17 SEER2
Voltage	115 Volts
Refrigerant Type	R-32
Noise Level (Indoor)	28 dB (low speed) / 40 dB (typical)
Coverage Area	Up to 750 sq. ft.
Operating Temperature Range (Outdoor)	5°F (-15°C) to 118°F (48°C)
Operating Temperature Range (Indoor)	62°F (16.7°C) to 90°F (32.2°C)
Special Features	Dehumidifier, Fast Cooling, Heating & Cooling Function, Remote Controlled, Sleep Mode, ECO Mode





Image: A visual representation of the indoor and outdoor unit dimensions, alongside a summary table of key specifications including cooling capacity, SEER2 rating, voltage, frequency, coverage area, compressor type, fan speeds, and ambient temperature ranges.

## 5. SETUP AND INSTALLATION

The DEMULLER Mini Split AC unit requires professional installation to ensure optimal performance, safety, and compliance with local regulations. The installation package includes all necessary components for a standard setup.

### 5.1 Professional Installation Required

It is strongly recommended that a professional licensed HVAC technician performs the installation. This ensures proper handling of refrigerant, correct electrical connections, and efficient system operation. Line-set vacuuming is required during installation to remove moisture and air from the refrigerant lines, which is crucial for system longevity and efficiency.



- Professional Installation
- Required for Best Performance
- Professional licensed HVAC technician installation recommended for optimal performance and safety. Line-set vacuuming is required during installation.

Image: A professional HVAC technician performing installation work on the outdoor unit of a mini split air conditioner system.

## 6. OPERATING INSTRUCTIONS

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Your DEMULLER Mini Split AC offers a range of functions for customized comfort. All operations are controlled via the included remote control.

### 6.1 Operating Modes

The unit features 5 versatile operating modes:

- **Cool:** Provides cooling to lower room temperature.
- **Heat:** Provides heating to raise room temperature.
- **Dry:** Dehumidifies the air, ideal for humid conditions.
- **Fan:** Circulates air without cooling or heating.
- **Auto:** Automatically selects the appropriate mode based on the set temperature and current room temperature.
- **ECO:** Optimizes energy consumption for increased savings.



# MUTIFUNKTIONAL SPLIT AIR CONDITIONER



Image: The indoor unit displaying icons representing the various operational modes: Cool, Heat, Dry, Fan, Auto, and ECO.

## 6.2 Fan Speed and Airflow

Adjust the fan speed to control airflow intensity. Options include Low, Medium, High, and Turbo. The unit also features a swing function for even air distribution.





Image: The indoor unit highlighting its 12000BTU cooling and heating capacities, along with indicators for 4 fan speeds and the swing function for air distribution.

### 6.3 Timer and Sleep Mode

Utilize the 24-hour timer for automatic operation. The Sleep Mode ensures ultra-quiet operation (as low as 28 dB) for a peaceful night's rest, automatically adjusting temperature for optimal sleep comfort.



Image: A bedroom setting illustrating the unit's Sleep Mode and 24-hour timer features, emphasizing its ultra-quiet operation for undisturbed sleep.

## 7. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your DEMULLER Mini Split AC unit.

### 7.1 Filter Cleaning

Clean the air filters every two weeks or more frequently if the unit is used heavily or in dusty environments. Dirty filters can reduce airflow, decrease efficiency, and impact air quality.

- Turn off the unit and disconnect power before cleaning.
- Open the front panel of the indoor unit.
- Remove the air filters.
- Wash filters with lukewarm water and a mild detergent. Rinse thoroughly.
- Allow filters to dry completely in a shaded area before reinserting.

### 7.2 Outdoor Unit Cleaning

Periodically clean the outdoor unit's coils and fins to remove dirt, leaves, and debris. Ensure the area around the outdoor unit is clear of obstructions for proper airflow.

### 7.3 Professional Servicing

Schedule annual professional maintenance with a qualified HVAC technician. They can inspect refrigerant levels, check electrical connections, clean coils, and ensure all components are functioning correctly.

## 8. TROUBLESHOOTING

Before contacting service, review the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Circuit breaker tripped; Remote control batteries dead	Check power connection; Reset circuit breaker; Replace remote control batteries
Insufficient cooling/heating	Dirty air filters; Obstruction at air inlet/outlet; Incorrect temperature setting; Doors/windows open	Clean air filters; Remove obstructions; Adjust temperature; Close doors/windows
Unusual noise	Loose parts; Unit not level; Debris in fan	Contact professional service if persistent; Ensure unit is level; Check for debris
Water leakage from indoor unit	Clogged drain hose; Improper installation	Clear drain hose; Contact professional service for inspection

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

## 9. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or contact DEMULLER customer support directly. Keep your purchase receipt as proof of purchase for warranty claims.

### 9.1 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact DEMULLER customer support through the contact information provided on the product packaging or the official DEMULLER website.

### Related Documents

**DEMULLER®**

CHEST FREEZER  
INSTRUCTION MANUAL



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## [Demuller Chest Freezer Instruction Manual](#)

Instruction manual for the Demuller Chest Freezer, covering parts, placement, preparation, temperature control, food storage, defrosting, maintenance, troubleshooting, and disposal.