

DEMULLER YX-DEMULLER-12K SEER22-230V-Split AC

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

Model: YX-DEMULLER-12K SEER22-230V-Split AC

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## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your DEMULLER 12000 BTU Mini Split Air Conditioner and Heater. Please read all instructions carefully before installation and use. This unit is designed to provide both cooling and heating for rooms up to 750 sq. ft.

**Important Safety Notice: Professional installation is required for this appliance. Improper installation can lead to electric shock, fire, or serious injury. Always consult a licensed HVAC technician.**

## 2. SETUP AND INSTALLATION

The DEMULLER Mini Split Air Conditioner and Heater comes with a comprehensive installation kit. Due to the complexity and safety requirements, professional installation by a licensed HVAC technician is mandatory for optimal performance and safety. Line-set vacuuming is required during installation.

### 2.1 Package Contents

Verify that all components listed below are included in your package. The unit typically ships in two separate boxes.



**Image Description:** This image displays the complete package contents for the DEMULLER Mini Split AC. Box 1 includes the indoor unit, remote control, hanging board, wall sheathing, and user manual. Box 2 contains the outdoor unit along with installation accessories such as putty, drain hose, connection pipes, communication wire, various screws, tape, and wall sleeves.

- Indoor Unit
- Outdoor Unit
- Remote Control
- User Manual
- Hanging Board
- Wall Sheathing
- Putty
- Drain Hose
- Connection Pipes (x2)
- Communication Wire
- Screws (x6)
- Expansion Screws (x6)
- Tape
- Wall Sleeve

## 2.2 Professional Installation

For safety and to ensure proper functioning, the installation of this mini split system must be performed by a qualified and licensed HVAC professional. This includes proper electrical wiring, refrigerant line connections, and vacuuming of the line set.



- 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 Description:** This image shows a professional HVAC technician carefully installing the outdoor condenser unit of a mini split air conditioner system. The technician is working on the exterior wall of a building, emphasizing the need for expert installation.

## 3. OPERATING INSTRUCTIONS

Your DEMULLER Mini Split AC offers multiple modes and settings for customized comfort. All functions are accessible via the included remote control and can be managed through the WiFi-enabled smart control feature.

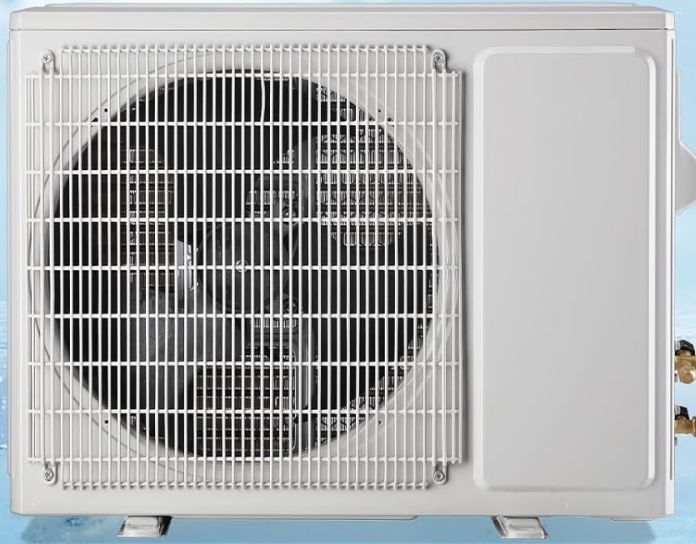
### 3.1 Operating Modes

The unit features 5 versatile operating modes:

# HIGH EFFICIENCY

## Mini Split Air Conditioner

Energy Saving Over 40%



**CEC**  
Certified

**ETL**  
LISTED  
C US

**CE**  
Certified

**R32**  
Refrigerant

**Image Description:** This image illustrates the various operating modes available on the DEMULLER Mini Split AC. Icons for Cool, Heat, Dry, Fan, Auto, and Eco modes are prominently displayed above the indoor unit, signifying its multi-functional design.

- **Cool Mode:** Provides cooling to lower room temperature.
- **Heat Mode:** Provides heating to raise room temperature.
- **Dry Mode:** Dehumidifies the air, reducing humidity levels.
- **Fan Mode:** Circulates air without cooling or heating.
- **Auto Mode:** Automatically selects the appropriate mode (cooling or heating) based on the set temperature and current room temperature.

### 3.2 Fan Speeds

Adjust the airflow intensity with 4 adjustable fan speeds: Low, Medium, High, and Turbo.

### 3.3 Quiet Operation and Sleep Mode

The unit is designed for ultra-silent operation, as low as 28 dB at low speed, ensuring a peaceful environment. The Sleep Mode further optimizes comfort and energy efficiency during nighttime hours.





**Image Description:** This image depicts a serene bedroom environment at night, highlighting the quiet operation of the indoor unit. Text overlays indicate 'Sleep Mode - 24 Timer' and a graphic illustrates sound levels, showing the unit operating below 20dB for an undisturbed sleep.

### 3.4 WiFi Connectivity

The unit is WiFi enabled, allowing for smart control via a compatible application on your smartphone. Refer to the separate WiFi setup guide for detailed instructions on connecting your device.

## 4. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your mini split system. Always disconnect power to the unit before performing any maintenance.

### 4.1 Air Filter Cleaning

The air filters in the indoor unit should be cleaned regularly (e.g., every 2-4 weeks, depending on usage) to maintain air quality and system efficiency. Refer to the detailed instructions in the full user manual for filter removal and cleaning procedures.

## 4.2 Outdoor Unit Inspection

Periodically inspect the outdoor unit for any obstructions (leaves, debris) around the condenser coils. Ensure proper airflow is maintained. Clean the coils gently if necessary, following professional guidelines.

## 5. TROUBLESHOOTING

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If you encounter issues with your unit, please refer to the following basic troubleshooting steps. For complex problems, contact a qualified technician.

- **Unit does not turn on:** Check power supply, circuit breaker, and ensure the remote control batteries are functional.
- **Insufficient cooling/heating:** Verify correct mode selection, set temperature, clean air filters, and ensure no obstructions to airflow.
- **Unusual noises:** Minor operational noises are normal. If loud or unusual noises occur, power off the unit and contact support.
- **Water leakage:** Check the drain hose for blockages or improper installation.

## 6. SPECIFICATIONS

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Key technical specifications for the DEMULLER 12000 BTU Mini Split Air Conditioner and Heater.



**Image Description:** This image provides a detailed overview of the product's physical dimensions and technical specifications. It includes measurements for both the indoor and outdoor units, alongside a table listing crucial data such as 12000 BTU cooling capacity, 22 SEER2 rating, 230V voltage, 60Hz frequency, 750 sq. ft. coverage area, R32 refrigerant, various fan speeds, and recommended ambient temperature ranges for operation.

Feature	Detail
Brand	DEMULLER
Model Number	YX-DEMULLER-12K SEER22-230V-Split AC
Cooling Capacity	12000 BTU (1 Ton)
Heating Capacity	12000 BTU
SEER2 Rating	22 SEER2
Voltage	230 Volts
Wattage	1450 watts
Noise Level (Indoor)	As low as 28 Decibels

Refrigerant	R-32
Coverage Area	Up to 750 Sq. Ft.
Indoor Unit Dimensions (D x W x H)	7.5" x 33.46" x 11.4"
Outdoor Unit Dimensions (D x W x H)	10.24" x 27.95" x 21.81"
Special Features	Dehumidifier, Fast Cooling, Heating & Cooling Function, Remote Controlled, WiFi Enabled

## 7. WARRANTY AND CUSTOMER SUPPORT

For warranty information, please refer to the documentation included with your product or contact DEMULLER customer service. If you require technical assistance, replacement parts, or have any questions regarding your DEMULLER Mini Split Air Conditioner and Heater, please contact our customer support team. Ensure you have your model number and purchase details available when contacting support.

**Contact Information:**

- Refer to your purchase documentation for specific contact details.
- Visit the official DEMULLER website for support resources.