

Mando AC-18C-T7

Mando AC-18C-T7 Split Air Conditioner User Manual

Model: AC-18C-T7 | Brand: Mando

1. INTRODUCTION

This user manual provides comprehensive instructions for the safe and efficient operation, installation, maintenance, and troubleshooting of your Mando AC-18C-T7 Split Air Conditioner. Please read this manual thoroughly before using the appliance and retain it for future reference.

The Mando AC-18C-T7 is a cool-only split air conditioning system with a cooling capacity of 18000 British Thermal Units (1.5 Ton). It features a 7-star SASO energy efficiency rating and an anti-dust filter for improved air quality.

2. SAFETY INFORMATION

WARNING: To reduce the risk of fire, electric shock, or injury, always follow basic safety precautions.

- Ensure the power supply matches the unit's requirements.
- Do not operate the air conditioner with wet hands.
- Keep children away from the unit.
- Do not insert objects into the air outlet.
- Turn off the power before cleaning or maintenance.
- Installation must be performed by qualified personnel.
- Do not attempt to repair the unit yourself. Contact authorized service personnel.
- Ensure proper grounding to prevent electric shock.

3. PRODUCT COMPONENTS

The Mando AC-18C-T7 Split Air Conditioner consists of two main units: an indoor unit and an outdoor unit.



Figure 3.1: Mando AC-18C-T7 Indoor Unit. This image shows the sleek white indoor unit designed for wall mounting, featuring the air outlet and control panel area.

- **Indoor Unit:** Mounted inside the room, it circulates cooled air and houses the air filter.
- **Outdoor Unit:** Installed outside, it contains the compressor and condenser. An outdoor unit is required for this split system.
- **Remote Control:** Used to operate the air conditioner functions.

4. SETUP AND INSTALLATION

Installation of the Mando AC-18C-T7 Split Air Conditioner requires professional expertise. It is strongly recommended that you contact a certified technician for installation to ensure proper functioning and safety.

4.1 Pre-Installation Checks

- Verify that the installation site can support the weight of both units.

- Ensure adequate space for air circulation around both indoor and outdoor units.
- Confirm that the electrical wiring meets local codes and the unit's power requirements.

4.2 General Installation Steps (for qualified technicians)

1. Mount the indoor unit securely on a wall, ensuring it is level.
2. Install the outdoor unit on a stable surface, away from direct sunlight or obstructions.
3. Connect the refrigerant lines and electrical wiring between the indoor and outdoor units.
4. Perform vacuuming and refrigerant charging as per manufacturer specifications.
5. Connect the power supply and test the unit's operation.

5. OPERATING INSTRUCTIONS

Your Mando AC-18C-T7 is controlled via a remote control unit.

5.1 Remote Control Functions

- **Power Button:** Turns the unit ON or OFF.
- **Mode Button:** Selects the operating mode. For this model, only the **Cooling Mode** is available.
- **Temperature Adjustment:** Use the *Up* and *Down* arrows to set the desired temperature.
- **Fan Speed:** Adjusts the fan speed (Low, Medium, High, Auto).
- **Swing Function:** Activates or deactivates the automatic louver swing.
- **Timer Function:** Sets a timer for automatic ON/OFF operation.

5.2 Basic Operation

1. Press the Power button to turn on the air conditioner.
2. Ensure the mode is set to **Cool**.
3. Adjust the temperature to your comfort level using the temperature adjustment buttons.
4. Select your preferred fan speed.
5. To turn off the unit, press the Power button again.

6. MAINTENANCE

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

6.1 Air Filter Cleaning

The Mando AC-18C-T7 is equipped with an anti-dust filter. Clean the air filter every two weeks, or more frequently if the unit is used in a dusty environment.

1. Turn off the air conditioner and disconnect it from the power supply.
2. Open the front panel of the indoor unit.
3. Carefully remove the air filter(s).
4. Clean the filter(s) with a vacuum cleaner or wash them with lukewarm water and a mild detergent.
5. Rinse thoroughly and allow the filter(s) to dry completely in a shaded area before re-installing.

6. Re-install the dry filter(s) and close the front panel.

6.2 Outdoor Unit Cleaning

Periodically check the outdoor unit for any obstructions (leaves, debris) and clear them. Ensure the condenser coils are clean. This should ideally be done by a professional technician annually.

7. TROUBLESHOOTING

Before contacting service, refer to the following common issues and solutions.

Problem	Possible Cause	Solution
Unit does not start	No power supply; Remote control batteries dead; Timer function active.	Check power connection; Replace batteries; Deactivate timer.
Insufficient cooling	Dirty air filter; Blocked outdoor unit; Room too large; Doors/windows open.	Clean air filter; Clear obstructions; Ensure proper room size; Close doors/windows.
Unusual noise	Loose parts; Unit not level; Foreign object in fan.	Check for loose parts; Ensure unit is level; Turn off and inspect for objects (contact service if unsure).
Water leakage from indoor unit	Blocked drain pipe; Improper installation.	Clear drain pipe; Contact a qualified technician for inspection.

If the problem persists after attempting these solutions, please contact authorized service personnel.

8. SPECIFICATIONS

Feature	Detail
Brand	Mando
Model Number	AC-18C-T7
Type	Split System
Operating Mode	Cool Only
Cooling Capacity	18000 BTU (1.5 Ton)
Energy Efficiency Rating (SASO)	7 Stars
Filter Type	Anti-dust filter
Color	White
Power Source	Corded Electric
Control Method	Remote Control
Product Dimensions (D x W x H)	22.4 cm x 97 cm x 30 cm (Indoor Unit)
Item Weight	47.5 kg
Outdoor Unit Required	Yes

9. WARRANTY AND SUPPORT

This Mando air conditioner comes with a **Limited Warranty**. Please refer to the warranty card included with your product for specific terms and conditions, including coverage duration and claim procedures.

For technical support, service requests, or warranty claims, please contact your local Mando authorized service center or the retailer from whom you purchased the product. Keep your purchase receipt as proof of purchase.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question