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> Mando F23TP-18CT Split Air Conditioner User Manual

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Model: F23TP-18CT | Brand: Mando

1. INTRODUCTION

Thank you for choosing the Mando F23TP-18CT Split Air Conditioner. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new air conditioning unit. Please read this manual thoroughly before using the appliance and keep it for future reference.

2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury. This appliance is designed for indoor use only. Ensure the power supply matches the unit's specifications. Do not attempt to repair or modify the unit yourself. Contact qualified service personnel for all repairs and maintenance.

- **Electrical Safety:** Ensure proper grounding. Do not operate with wet hands.
- **Installation:** Must be performed by a qualified technician.
- **Cleaning:** Disconnect power before cleaning.
- **Children:** Keep children away from the unit and remote control.

3. PRODUCT COMPONENTS

The Mando F23TP-18CT Split Air Conditioner consists of an indoor unit and an outdoor unit. Key components include the evaporator, condenser, compressor, and refrigerant lines.



Figure 3.1: Mando F23TP-18CT Indoor Unit installed in a room.



Figure 3.2: Front view of the indoor unit, showing the digital display.

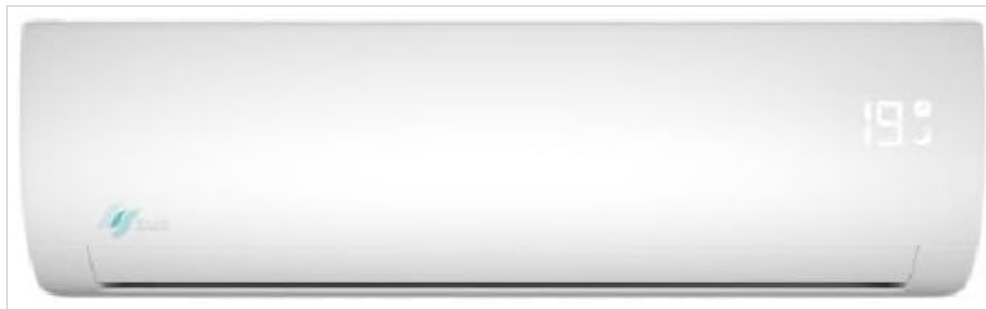


Figure 3.3: Side profile of the indoor unit, highlighting its compact design.

4. SETUP AND INSTALLATION

Installation of the Mando F23TP-18CT air conditioner requires professional expertise. Incorrect installation can lead to water leakage, electric shock, or fire. Please ensure that a certified technician performs the installation.

4.1 Indoor Unit Placement

Choose a location that allows for even air distribution throughout the room, away from direct sunlight or heat sources. Ensure there is sufficient space around the unit for maintenance and proper airflow.

4.2 Outdoor Unit Placement

The outdoor unit should be placed in a well-ventilated area, away from obstacles that might block airflow. Avoid locations

exposed to strong winds or excessive dust. Ensure the unit is mounted on a stable, level surface.

4.3 Electrical Connection

The unit requires a dedicated power circuit. All electrical work must comply with local codes and regulations. Ensure the power supply is disconnected before any electrical connections are made.

5. OPERATING INSTRUCTIONS

Your Mando F23TP-18CT air conditioner is designed for user-friendly operation via the included remote control.

5.1 Remote Control Functions

The remote control allows you to adjust temperature, fan speed, operating mode, and set timers. Point the remote control directly at the indoor unit when operating.

1. **Power Button:** Turns the unit ON or OFF.
2. **Mode Button:** Cycles through operating modes (Cooling, Fan, Dry). This model is cooling-only.
3. **Temperature Buttons (Up/Down):** Adjusts the desired room temperature.
4. **Fan Speed Button:** Selects fan speed (Auto, Low, Medium, High).
5. **Timer Button:** Sets the ON/OFF timer for scheduled operation.
6. **Sleep Mode:** Activates a quiet, energy-saving mode for comfortable sleep.

5.2 Operating Modes

The Mando F23TP-18CT primarily offers a cooling mode. Other modes like Fan and Dry may be available for air circulation and dehumidification, respectively.

- **Cooling Mode:** Provides powerful cooling to reach your desired temperature.
- **Fan Mode:** Circulates air without cooling, useful for ventilation.
- **Dry Mode:** Reduces humidity in the room.

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

Clean the air filters every two weeks or more frequently if the unit is used often or in dusty environments. Dirty filters reduce cooling efficiency and airflow.

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Wash filters with lukewarm water and mild detergent.
4. Rinse thoroughly and allow to dry completely before reinserting.

6.2 Outdoor Unit Cleaning

Periodically check the outdoor unit for debris, leaves, or dirt that may obstruct the condenser coils. Gently clean with a soft brush or vacuum cleaner. Do not bend the fins.

6.3 Professional Servicing

It is recommended to have your air conditioner professionally serviced at least once a year to check refrigerant levels,

clean coils, and inspect electrical components.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not turn on	No power supply, remote control batteries low	Check power connection, replace remote batteries
Insufficient cooling	Dirty air filters, blocked outdoor unit, wrong mode selected, room too large	Clean filters, clear obstructions, select cooling mode, ensure unit size matches room
Unusual noise	Loose parts, fan obstruction, unit not level	Check for loose parts, remove obstructions, ensure stable installation
Water leakage	Blocked drain hose, improper installation	Clear drain hose, contact technician for inspection

8. SPECIFICATIONS

Detailed technical specifications for the Mando F23TP-18CT Split Air Conditioner:

Model Number: F23TP-18CT

Brand: Mando

Cooling Capacity: 18400 British Thermal Units (BTU)

Color: White

Voltage: 230 Volts

Refrigerant Type: R410A

Power Source: Corded Electric

Form Factor: Split System

Special Feature: Remote Controlled

Inverter Type: Non-inverter

Installation Type: Split System

Compressor Type: Rotary Scroll

Outdoor Unit Required: Yes

Usage: Indoor Use

Product Dimensions (Depth x Width x Height): 43.8 x 43.8 x 75 cm

Item Weight: 46 kg

9. WARRANTY AND SUPPORT

Your Mando F23TP-18CT Split Air Conditioner comes with a limited warranty. Please refer to the warranty card included with your purchase for specific terms and conditions, including coverage duration and service procedures. For technical support, service requests, or inquiries about your warranty, please contact Mando customer service through the contact information provided on your warranty card or the official Mando website.

Note: The provided videos are for a different brand (YORK) and are not relevant to this Mando product. Therefore, no videos have been embedded in this manual.

