



Manuals.plus /

- › MIUCDA /
- › MIUCDA Smart Wi-Fi Thermostat User Manual (Model 52171983031)

MIUCDA 52171983031

MIUCDA Smart Wi-Fi Thermostat User Manual

Model: 52171983031

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your MIUCDA Smart Wi-Fi Thermostat. This device is designed to control heating and cooling systems, offering smart features for enhanced comfort and energy efficiency.

Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

SAFETY INFORMATION

- Always disconnect power to the heating/cooling system before installing or servicing the thermostat.
- Installation should be performed by a qualified electrician if you are unsure about wiring procedures.
- Ensure the thermostat is compatible with your specific heating/cooling system (dry contact gas boilers only).
- Do not expose the device to excessive moisture or extreme temperatures.
- Use only specified power sources (AAA batteries or Type-C wired connection).

PACKAGE CONTENTS

Verify that all items are present in your package:

- MIUCDA Smart Wi-Fi Thermostat
- Mounting Bracket
- Screws and Wall Anchors
- User Manual (this document)
- (AAA batteries and Type-C cable are not included)

SETUP AND INSTALLATION

1. Powering the Thermostat

The thermostat can be powered by three AAA batteries (not included) or via a Type-C wired connection. Choose the method that

best suits your installation.

Compatible sólo con calderas de gas de contacto seco



No compatible con sistemas de calefacción eléctricos



No compatible con actuadores o válvulas

Image: The thermostat's rear view, illustrating the AAA battery compartment and the Type-C power input for flexible power options.

1. **Battery Installation:** Open the battery compartment on the back of the thermostat and insert three AAA batteries, ensuring correct polarity.
2. **Wired Power:** Connect a Type-C cable (not included) to the Type-C port on the thermostat.

2. Mounting the Thermostat

The thermostat is designed for surface mounting, eliminating the need to embed it into the wall.



Image: A diagram showing the thermostat's backplate being mounted to a wall, with wiring connections visible.

1. Secure the mounting bracket to the wall using the provided screws and wall anchors.
2. Connect the thermostat's wiring to your heating/cooling system's dry contact gas boiler. Refer to your boiler's manual for specific wiring diagrams.
3. Attach the thermostat unit to the mounted bracket.

Control preciso de la temperatura

Histéresis de temperatura

0.5~10°C

Ajuste mínimo de temperatura

0.5°C

Límites superior e inferior de temperatura

5~35°C



Image: An illustration indicating compatibility with dry contact gas boilers and incompatibility with electric heating systems or actuators/valves.

Compatibility Note: This thermostat is compatible only with dry contact gas boilers. It is not compatible with electric heating systems or actuators/valves.

3. Wi-Fi Connection

The thermostat requires a 2.4 GHz Wi-Fi network for smart control features.

1. Download the Tuya Smart or Smart Life app from your smartphone's app store.
2. Register or log in to your account.
3. Follow the in-app instructions to add your MIUCDA Smart Wi-Fi Thermostat. This typically involves putting the thermostat into pairing mode (refer to the thermostat's display for pairing indicators) and connecting it to your 2.4 GHz Wi-Fi network.

OPERATING INSTRUCTIONS

1. Manual Temperature Control

Adjust the temperature directly on the thermostat using the rotary knob. The current temperature and set temperature will be displayed on the screen.

Fácil de instalar



Image: The thermostat's digital display, highlighting temperature hysteresis, minimum adjustment, and upper/lower temperature limits.

- **Temperature Range:** Adjustable from 5°C to 35°C.
- **Temperature Precision:** $\pm 1^\circ\text{C}$.
- **Hysteresis:** Configurable from 0.5°C to 10°C.
- **Calibration Range:** -9.9°C to 9.9°C.

2. App Control (Tuya Smart / Smart Life)

Control your thermostat remotely using the Tuya Smart or Smart Life application on your smartphone.

Función calefacción/refrigeración

El termostato puede alternar entre las funciones de refrigeración y calefacción en cualquier momento según los cambios estacionales, proporcionando un ambiente de temperatura confortable en todo momento.



Image: A smartphone screen displaying the Tuya/Smart Life app interface for thermostat control, alongside icons for Alexa and Google Home integration.

- Adjust temperature, change modes, and set schedules from anywhere.
- Monitor current room temperature.

3. Voice Control (Alexa / Google Home)

Integrate your thermostat with Amazon Alexa or Google Home for convenient voice commands.

- Enable the Tuya Smart or Smart Life skill/action in your Alexa or Google Home app.
- Link your account.
- Use commands such as "Alexa, set thermostat to 22 degrees" or "Hey Google, what's the temperature in the living room?"

4. Weekly Programming

Set up a weekly schedule with up to 6 different time windows per day to optimize comfort and energy savings.

Alimentación a pilas / Tipo-C

Instalación sencilla y flexible



Alimentación
por pilas



Puerto Tipo-c
Fuente de
alimentación



Image: A smartphone screen displaying the weekly programming feature within the app, showing different temperature settings for various times of the day across the week.

- Access the programming feature within the Tuya Smart or Smart Life app.
- Define desired temperatures for specific times on each day of the week.

5. Heating and Cooling Modes

The thermostat supports both heating and cooling modes, allowing adaptation to seasonal needs.

Programación semanal

Agenda semanal programable de 7 días, 6 franjas horarias/día configurables



Image: An illustration showing the thermostat's ability to switch between heating (hot) and cooling (cold) modes, adapting to seasonal temperature changes.

- Switch between heating and cooling modes via the app or the thermostat's interface.
- Ensure your connected system supports both modes for full functionality.

MAINTENANCE

- **Cleaning:** Wipe the thermostat's surface with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** If using battery power, replace AAA batteries when the low battery indicator appears on the display.
- **Firmware Updates:** Periodically check the Tuya Smart or Smart Life app for available firmware updates to ensure optimal performance and new features.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Thermostat not powering on.	Dead batteries or no wired power.	Replace AAA batteries or ensure Type-C power cable is connected and receiving power.
Cannot connect to Wi-Fi.	Incorrect Wi-Fi password, 5GHz network, or thermostat not in pairing mode.	Ensure correct 2.4 GHz Wi-Fi network and password. Put thermostat into pairing mode (refer to app instructions). Move closer to router.
Thermostat not controlling heating/cooling.	Incorrect wiring, incompatible system, or system power off.	Check wiring connections. Confirm compatibility with dry contact gas boiler. Ensure heating/cooling system has power.
Inaccurate temperature reading.	Thermostat location, calibration needed.	Ensure thermostat is not near heat sources or drafts. Use the app to calibrate the temperature if necessary.

SPECIFICATIONS

- **Brand:** MIUCDA
- **Model Number:** 52171983031
- **Color:** White
- **Weight:** 160 grams
- **Dimensions (Thermostat Unit):** 13.3 cm x 8.6 cm x 2.5 cm (L x W x D)
- **Temperature Precision:** $\pm 1^{\circ}\text{C}$
- **Adjustable Temperature Range:** 5°C to 35°C
- **Temperature Hysteresis:** 0.5°C to 10°C
- **Temperature Calibration Range:** -9.9°C to 9.9°C
- **Connectivity:** Wi-Fi (2.4 GHz only), Wired
- **Power Source:** 3x AAA Batteries (not included) or Type-C Cable (not included)
- **Controller Type:** Mechanical knob, Intelligent Wi-Fi
- **Special Feature:** Smart Control and Wi-Fi
- **Compatible Systems:** Dry contact gas boilers
- **Control Method:** Manual, App (Tuya Smart/Smart Life), Voice (Alexa/Google Home)



Image: A diagram illustrating the physical dimensions of the MIUCDA Smart Wi-Fi Thermostat.

WARRANTY INFORMATION

The MIUCDA Smart Wi-Fi Thermostat comes with a **two-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

The warranty does not cover damage caused by misuse, unauthorized modifications, accidents, or improper installation.

Please retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact MIUCDA customer support. We offer **24-hour technical support**.

Contact Information:

- Refer to the contact details provided on the product packaging or the official MIUCDA website.
- If purchased through Amazon, you may contact the seller "MiucDa" directly through your order history for assistance.