

Saunier Duval 20197227

Saunier Duval MiGo WiFi Modulating Thermostat User Manual

Model: 20197227

Brand: Saunier Duval

1. INTRODUCTION

The Saunier Duval MiGo WiFi Modulating Thermostat is designed to provide efficient and convenient control over your Saunier Duval boiler. This programmable thermostat allows you to manage your home's heating and hot water settings remotely via a dedicated mobile application for Android and iOS devices. Its modulating capabilities ensure optimal energy usage by adjusting boiler power precisely to meet your comfort needs.

2. SETUP

2.1 Package Contents

- Saunier Duval MiGo Thermostat
- 3 x AAA Batteries (included)
- Mounting hardware
- User Manual (this document)

2.2 Physical Installation

Important: Installation should be performed by a qualified technician. Ensure the main power supply to the boiler is switched off before commencing installation.

1. **Mounting Location:** Select a central location in your home, away from direct sunlight, drafts, and heat sources, to ensure accurate temperature readings.

2. **Wiring:** Connect the thermostat to your Saunier Duval boiler according to the wiring diagram provided with your boiler and the MiGo thermostat. The thermostat operates on 220 Volts.
3. **Battery Insertion:** Open the battery compartment and insert the 3 AAA batteries, observing the correct polarity.
4. **Secure Mounting:** Secure the thermostat to the wall using the provided mounting hardware.



Figure 1: Front view of the Saunier Duval MiGo WiFi Modulating Thermostat. The display shows current temperature settings and the Saunier Duval logo.

2.3 Initial Configuration and App Pairing

1. **Power On:** Restore power to your boiler. The thermostat display should illuminate.
2. **Download App:** Download the 'MiGo' app from the Google Play Store (for Android) or Apple App Store (for iOS).
3. **Create Account:** Open the app and follow the on-screen instructions to create a user account.
4. **Connect to WiFi:** Within the app, select 'Add Device' and follow the prompts to connect your MiGo thermostat to your home WiFi network. Ensure your WiFi network is 2.4 GHz compatible.
5. **Pair with Boiler:** The app will guide you through the process of pairing the thermostat with your Saunier Duval boiler. This typically involves a series of steps to establish communication between the devices.



Figure 2: The MiGo thermostat on a wall, demonstrating its integration with the mobile application for remote control.

3. OPERATING INSTRUCTIONS

3.1 Manual Temperature Adjustment

You can adjust the target temperature directly on the thermostat using the '+' and '-' buttons. The display will show the current room temperature and the set target temperature.

3.2 Mobile App Control

The MiGo app provides comprehensive control over your heating system:

- **Remote Temperature Control:** Adjust your home's temperature from anywhere with an internet connection.
- **Weekly Programming:** Set custom heating schedules for different times of the day and days of the week to match your lifestyle.
- **Hot Water Control:** Manage your domestic hot water settings (if supported by your boiler).
- **Energy Monitoring:** View energy consumption data and historical temperature graphs to optimize usage.
- **Weather Compensation:** The thermostat can receive online weather information for your area and adjust heating proactively to maintain comfort.

3.3 Modulating Functionality

The MiGo thermostat utilizes a modulating control system. This means it communicates continuously with your Saunier Duval boiler, instructing it to increase or decrease its power output gradually. Unlike traditional on/off thermostats, modulation avoids constant boiler cycling, leading to:

- Improved energy efficiency and reduced fuel consumption.
- More stable and consistent room temperatures.
- Extended boiler lifespan due to less wear and tear.

4. MAINTENANCE

4.1 Cleaning

Wipe the thermostat's exterior with a soft, dry cloth. Do not use abrasive cleaners, solvents, or spray directly onto the device, as this may damage the finish or internal components.

4.2 Battery Replacement

The thermostat uses 3 AAA batteries. When the battery level is low, an indicator will appear on the display and within the MiGo app. To replace batteries:

1. Gently remove the thermostat from its wall mount.
2. Open the battery compartment.
3. Remove the old batteries and insert new 3 AAA batteries, ensuring correct polarity.
4. Close the battery compartment and reattach the thermostat to its wall mount.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Thermostat display is blank	No power, dead batteries, or wiring issue.	Check boiler power supply. Replace AAA batteries. Verify wiring connections to the boiler.
Cannot connect to WiFi	Incorrect WiFi password, out of range, or 5 GHz network.	Ensure correct password. Move thermostat closer to router. Confirm router is broadcasting a 2.4 GHz network. Restart router.
App not controlling thermostat	No internet connection, app not synced, or server issue.	Check internet connection on your phone and thermostat. Restart the app. Ensure thermostat is online in the app.
Inaccurate temperature reading	Thermostat placed near heat/cold source or draft.	Relocate thermostat to a more suitable, central position away from external influences.

If problems persist after attempting these solutions, please contact Saunier Duval customer support.

6. SPECIFICATIONS

Feature	Detail
Model Number	20197227
Product Dimensions	3 x 10 x 5 cm
Item Weight	0.3 Kilograms
Power Source	3 x AAA Batteries (included)
Operating Voltage	220 Volts
Connectivity	WiFi (2.4 GHz)
Material	Plastic or light metal (aluminum)
Special Features	Programmable, Modulating, App Control (Android/iOS)
Included Components	Thermostat

7. WARRANTY INFORMATION

For detailed warranty information regarding your Saunier Duval MiGo WiFi Modulating Thermostat, please refer to the warranty card included with your product packaging or visit the official Saunier Duval website. Warranty terms and conditions may vary by region.

8. SUPPORT

If you require technical assistance, have questions about installation, or need further support for your Saunier Duval MiGo thermostat, please contact Saunier Duval customer service. Contact details can typically be found on the official Saunier Duval website or in your product documentation.

Online Resources: Visit the Saunier Duval website for FAQs, additional guides, and software updates.