

## Irfora WiFi Water Heating

# Irfora Smart Thermostat (Model: WiFi Water Heating) - Instruction Manual

Programmable Temperature Control with Tuya App and Voice Compatibility

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Irfora Smart Thermostat (Model: WiFi Water Heating). Please read this manual thoroughly before installation and use to ensure proper functionality and safety.



Image: Irfora Smart Thermostat displaying temperature and time, with a smartphone showing the control app.

## 2. SETUP AND INSTALLATION

### 2.1 What's in the Box

- 1 x Irfora Smart Thermostat
- 1 x Sensor Cable (Optional, included in Electric Heating mode)
- 1 bag x Screws
- 1 x User Manual

### 2.2 Wiring and Mounting

Installation should be performed by a qualified professional or in accordance with local electrical codes. Ensure power is OFF at the circuit breaker controlling your HVAC system before proceeding.

1. **Turn off Power:** Locate your circuit breaker and turn off the power to your heating/cooling system.
2. **Remove Old Thermostat:** Carefully remove the cover of your existing thermostat. Take a picture of the current wiring for reference before disconnecting any wires.
3. **Mount the Wall Plate:** Use the provided screws to securely mount the new thermostat's wall plate to your wall.
4. **Connect Wiring:** Connect the wires from your wall to the corresponding terminals on the new thermostat's wall plate. Refer to your previous wiring photo and the wiring diagram in the included manual. Ensure all connections are secure.
5. **Attach Thermostat:** Align the thermostat unit with the wall plate and gently push until it clicks into place.
6. **Restore Power:** Turn the power back on at your circuit breaker.



Image: Irfora Smart Thermostat with a clear display, indicating intelligent WiFi temperature control.

## 2.3 Video: Thermostat Wiring Example

Your browser does not support the video tag. This video demonstrates the general wiring process for a smart thermostat. Please refer to your specific model's wiring diagram and consult a professional if unsure.

Video: General demonstration of thermostat wiring and assembly. Always refer to your specific product manual for

## 3. OPERATING INSTRUCTIONS

### 3.1 LCD Display Overview

The intelligent thermostat features a color LCD screen and an NTC sensor, providing accurate and clear temperature readings for easy environment monitoring.



Image: A hand interacting with the large LED display of the Irfora Smart Thermostat.

### 3.2 Weekly Programmable Function

This smart thermostat offers a 5+1+1 programming ability for each week, allowing you to set up to six distinct time intervals per day. This feature helps optimize energy efficiency and comfort.

# TIME SLOT PROGRAMMING MORE INTIMATE

YOU CAN SET DIFFERENT TEMPERATURES FOR DIFFERENT TIME PERIODS BASED ON YOUR OWN SCHEDULE



Image: Irfora Smart Thermostat showing a detailed time slot programming schedule for weekdays and rest days.

## 3.3 24H Timer Function

The thermostat includes a 24-hour timer, enabling you to set specific operating times for your heating system. This is useful for controlling device operation during particular periods, contributing to energy efficiency and cost savings.

# MOBILE APP CONTROL ANYTIME ANYWHERE

Technology changes lives. It's easy to do. No need to walk around and turn on a switch



Image: Irfora Smart Thermostat in a bedroom, illustrating the timed on/off functionality for automatic temperature adjustment.

## 3.4 WiFi Connection and Tuya App Control

To utilize the smart features, establish a WiFi connection and configure settings via the "Tuya Smart" app on your smartphone or tablet. Download the app from your device's app store or scan the provided QR code. Follow the in-app prompts to create an account, complete installation, and connect to the thermostat.





## TIMED ON/OFF SIMPLE AND CONVENIENT

Automatically adjust the opening/closing of heating equipment according to the indoor temperature, Reach the ideal temperature quickly



Image: Ifora Smart Thermostat on a wall, showing a smartphone wirelessly controlling the thermostat via the mobile app.

### 3.5 Child Lock Function

The digital thermostat includes a child lock feature to prevent unauthorized changes to programming or settings, ensuring safety and peace of mind.

Child lock safety protection

# CHILD LOCK SECURITY PROTECTION

Locking function prevents misoperation by children



Image: Irfora Smart Thermostat displaying a locked screen, with a child sleeping in the background, illustrating the child lock safety feature.

## 4. SPECIFICATIONS

Feature	Detail
Product Material	Retardant PC + ABS
Product Size	86 x 86 x 40mm (3.38 x 3.38 x 1.57in)
Product Color	White
Power Supply	AC95-240V, 50-60Hz
Current Load	3A (water heating), 16A (electric heating)
Set Temperature Range	5-60°C / 41-140°F
Power Consumption	<1W



Protection Class	IP20
Sensor Type	NTC
Display Type	LCD screen
Timed Function	24H
Temperature Control Accuracy	±1°C/33.8°F
Connectivity Technology	Wi-Fi
Control Method	App, Voice (Amazon Alexa compatible)

## 5. MAINTENANCE

To ensure optimal performance and longevity of your thermostat, regular maintenance is recommended:

- **Cleaning:** Gently wipe the screen and exterior with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check the Tuya Smart app for any available firmware updates for your thermostat to ensure you have the latest features and security enhancements.
- **HVAC System Maintenance:** Follow your HVAC system manufacturer's recommendations for regular filter changes and professional servicing.

## 6. TROUBLESHOOTING

If you encounter issues with your thermostat, consider the following common troubleshooting steps:

- **No Power:** Check your circuit breaker to ensure power is supplied to the thermostat. Verify all wiring connections are secure.
- **Incorrect Temperature Reading:** Ensure the thermostat's sensor is not obstructed and is away from direct heat sources or drafts.
- **WiFi Connectivity Issues:** Ensure your home WiFi network is active and the thermostat is within range. Try restarting your router and the thermostat. Re-attempt the WiFi connection process via the Tuya Smart app.
- **Heating/Cooling Not Activating:** Verify the thermostat is set to the correct mode (Heat/Cool) and the desired temperature is appropriately set. Check your HVAC system for any error codes or issues.
- **Child Lock Active:** If the thermostat is unresponsive, check if the child lock function is enabled and disable it if necessary.

For persistent issues, please consult the full user manual or contact customer support.

## 7. WARRANTY AND SUPPORT

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Specific warranty information is typically provided with your product packaging or can be found on the manufacturer's official website. For technical support, troubleshooting assistance, or warranty claims, please refer to the contact information provided in your product's documentation.