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## Walfront WALFRONT0itp184fgu

# Walfront Smart Digital Thermostat (Model WALFRONT0itp184fgu) - User Manual

Brand: Walfront

Model: WALFRONT0itp184fgu

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your Walfront Smart Digital Thermostat. This device features microcomputer control technology, a 7-day programmable mode, and can be controlled via a touchscreen, mobile application, or voice commands.



Image: Front view of the Walfront Smart Digital Thermostat, showcasing its sleek design and included mounting screws.

## Key Features

- **Microcomputer Control Technology:** Offers manual, automatic, programmable, and state storage functions for versatile temperature management.
- **Highly Microcontroller:** Equipped with a robust microcontroller for strong anti-interference performance, ensuring reliable operation.
- **Durable ABS Shell:** Features a premium ABS shell for durability and includes screws for easy installation.
- **Flexible Programming & App Control:** Supports 7-day programmable modes (5+2, 6+1, or 7 individual days) and remote control via the TUYA APP on smartphones or tablets.
- **Clear LCD Display:** Designed with an elegant and sensitive LCD screen for easy readability and intuitive operation.

# Large size LCD high definition screen

## Larger view and more delicate picture

The continuous innovation of touch screen panel from technology to modeling is only to make the home more beautiful  
The display effect of micro frame screen is significantly improved



Smart touch screen sensing

Image: The thermostat's large LCD high-definition screen, emphasizing its smart touch screen sensing capabilities for user interaction.

## SETUP INSTRUCTIONS

### Safety Precautions

Always turn off power at the circuit breaker before beginning installation to prevent electrical shock. Installation should be performed by a qualified electrician if you are unsure about wiring procedures.

### Package Contents

- 1 x Walfront Smart Digital Thermostat
- 2 x Mounting Screws
- 1 x User Manual (this document)

### Wiring Diagram

The thermostat is designed for Type 86 concealed installation. Connect the wires according to the diagram provided on the back of the thermostat unit and the table below. Ensure all connections are secure.

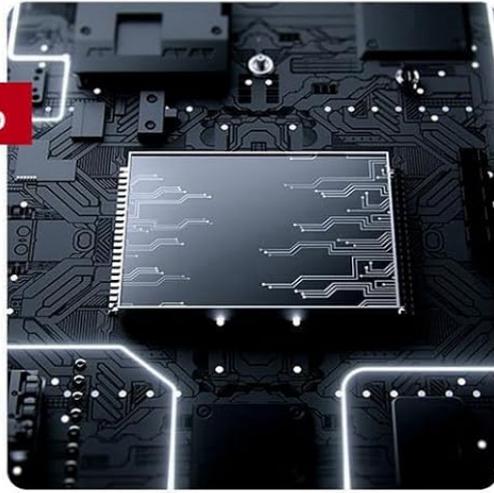


Image: Back view of the thermostat, clearly showing the wiring terminals and their corresponding labels for proper connection.

Terminal	Description
1	Live wire access point (L)
2	Neutral wire access point (N)
3	Neutral wire access point (N1)
4	Normally closed valve (L1)
6/7	Sensor

## Smart chip

Precise measurement and control, stronger anti-interference, neat wiring, firm solder joints, in line with product standards



## Screw terminals

Screw type PCB terminal blocks are stable and reliable, easy to assemble and disassemble



## Transformer

Pure copper coil, stable transformer voltage, effective shielding power grid interference source

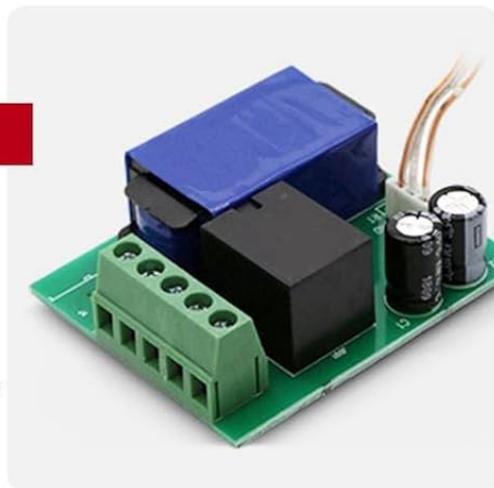


Image: Detailed view of the thermostat's internal smart chip, screw terminals, and transformer, illustrating the precision engineering.

## Mounting

After wiring, carefully secure the thermostat to the wall using the provided screws. Ensure the unit is flush with the wall for proper operation and aesthetic integration.

## OPERATING YOUR THERMOSTAT

### Power On/Off

Press the power icon on the touchscreen to turn the thermostat on or off.

## Temperature Adjustment

Use the up and down arrow icons on the touchscreen to adjust the desired temperature setting.

## Mode Selection

The thermostat supports various operating modes (e.g., heating, cooling, auto). Refer to the on-screen icons to select the appropriate mode for your HVAC system.

## Programming 7-Day Schedule

The thermostat offers a 7-day programmable schedule with options for 5+2 (weekdays/weekend), 6+1 (individual weekdays/weekend), or 7 individual days. Access the programming menu via the touchscreen interface to set desired temperatures for different times of the day and week. Detailed programming instructions can be found in the on-screen menu or the mobile application.

## Mobile App Control (TUYA APP)

Download the TUYA APP from your device's app store (available for Android and iOS). Follow the in-app instructions to connect your thermostat to your home Wi-Fi network. Once connected, you can remotely control the thermostat's settings, adjust temperature, and manage schedules from anywhere.



Image: The thermostat installed on a wall, demonstrating remote control capabilities via a smartphone application.

## Voice Control

The thermostat supports voice control through compatible smart home platforms. Link your thermostat to your preferred voice assistant (e.g., Amazon Alexa, Google Assistant) following their respective setup guides. Use voice commands to adjust temperature or change modes.

## MAINTENANCE AND CARE

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### Cleaning

To clean the thermostat's LCD screen and casing, use a soft, dry cloth. Do not use abrasive cleaners, solvents, or spray liquids directly onto the unit.

### General Care

Ensure the thermostat is not exposed to direct sunlight or drafts, as this can affect temperature readings. Avoid placing heat-generating appliances near the thermostat.

## TROUBLESHOOTING COMMON ISSUES

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### Thermostat Not Powering On

- Check the circuit breaker to ensure power is supplied to the thermostat.
- Verify all wiring connections are secure and correct according to the installation diagram.

### Incorrect Temperature Readings

- Ensure the thermostat is not in direct sunlight or near a heat source/draft.
- Check if the external sensor (if used) is properly connected and positioned.

### Wi-Fi Connection Issues

- Ensure your home Wi-Fi network is active and the signal strength is adequate at the thermostat's location.
- Restart your Wi-Fi router and the thermostat.
- Re-attempt the Wi-Fi setup process through the TUYA APP.

### App Control Not Responding

- Verify your smartphone or tablet has an active internet connection.
- Ensure the TUYA APP is updated to the latest version.
- Check if the thermostat is still connected to Wi-Fi.

## TECHNICAL SPECIFICATIONS

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Feature	Specification
Brand	Walfront
Model Name	WALFRONT0itp184fgu
Voltage	95-240V

Feature	Specification
Current	16A
Panel Material	Glass
Control Mode	APP, Voice, Touchscreen
Temperature Setting Range	5 to 60 °C (upper limit adjustable)
Control Accuracy	± 0.5 °C
Temperature Sensor	Internal
Installation Type	Type 86 Concealed Installation
Material	ABS
Display Type	LCD
Special Feature	Programmable (7-day)
Power Source	Corded Electric
Item Weight	219 Grams (7.7 ounces)
Package Dimensions	4.29 x 4.29 x 2.72 inches

## WARRANTY AND CUSTOMER SUPPORT

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For warranty information and customer support, please refer to the official Walfront website or contact your retailer directly. Please retain your purchase receipt for any warranty claims.