Smart Thermostat - FCU (Rotary Knob) - User Manual



Model : **YO361 (R2W)-MEC-A** Version : **1.0** Revised : **31/08/2026**

Product Lncludes

- Product x 1
- Controller module x 1
- XH2.54-3P Connector x 1
- Screw x 2
- Digital Service Card x 1



If any of the above accessories are missing, please contact the distributor.

Preface

Lincogn reserves the right to revise this publication and to make changes in the content herein without obligation to notify any person or organization of such revisions or changes.

Safety Guidelines

Please read all safety instructions carefully before using this product.

1. A leakage current circuit breaker (LCCB) must be installed in the supply circuit.
2. Installation must be performed by a licensed electrician in accordance with local regulations.
3. Do not open the product casing or attempt to repair it yourself. There are no user-serviceable parts inside.
4. Use this product in dry locations only. Avoid operating it in humid environments such as bathrooms or unfinished basements.
5. Do not immerse the product in any liquid or use liquid cleaners. To clean, first disconnect all power cables and wipe with a dry cloth.
6. For indoor use only. This product is not designed for outdoor installation.

Working with Bluetooth Low Energy (BLE) Smart Devices

This product can operate independently without the need for a router or smartphone. When used with our app, you can remotely control devices, adjust power schedules, and manage smart automation from anywhere. For detailed and up-to-date app functions, please refer to the in-app user guide.

Download the App

1. Scan the QR code to download and install the Yoswit app.
2. Once installed, launch the app and follow the on-screen instructions.

Installation Guide

Warning

To prevent electric shock, disconnect power before installation. Installation must be performed by a licensed electrician.

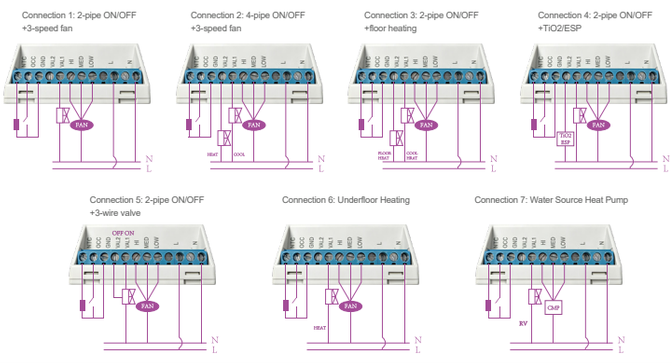
1. Install a 3299 back-box in the wall, leaving approximately 5 mm of conductor exposed for connection.



2. Insert a flat-head screwdriver into the frame notch and gently pry open the panel.



3. Connect the wires to the switch terminals according to the wiring diagram.



4. Align the screw holes on the frame with those on the back box, insert the screws, and tighten.



5. Ensure the connector is inserted into the matching interface.



6. Turn on the residual-current circuit-breaker (RCCB) to energize the system.

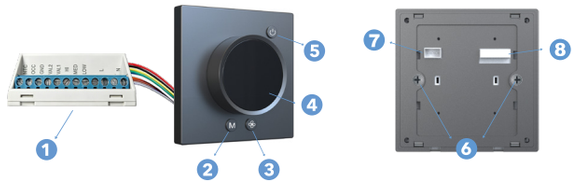
7. To verify correct wiring, press the button 2–3 times and confirm the appliance toggles on/off accordingly.



8. Snap the wall plate onto the frame, using the four click-stops to adjust its fit to the switch and the wall.

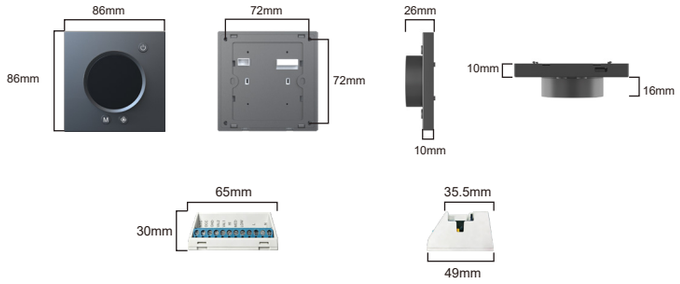


Introduction



1.	Controller Module	Connect input and output wires. Refer to the wiring diagram in the Installation section for details.
2.	Mode Switch	Switch the operating mode of the thermostat(Cool, Heat, Ventilation).
3.	Fan Speed Key	Adjust the fan speed (low, medium, high).
4.	LCD Display	Display real-time temperature, target temperature, humidity, and operating status.
5.	Power Button	Press to turn the connected device on or off. Press and hold the button for 7 seconds to restore factory settings.
6.	Mounting Frame	Mount the thermostat onto the back-box.
7.	RS485 Communic -ation Port	Connect the RS485 wiring to the corresponding interface.
8.	Controller Module Interface	Connect the wiring from the controller module to this interface.

Technical Specifications



General Specifications

Product Name	Smart Thermostat - FCU (Rotary Knob)
Model	YO361 (R2W)-MEC-A
Socket Type	Socket 86
EAN / UPC	EAN: 0712155479340 / UPC: 712155479340
Revision	V1.0
Compliance	CE, FCC, RoHS
Manufacturer	Made in China

Electrical

Operation Power	100-240V AC (50/60Hz)
Max. Load	≤5A (Resistive), ≤2A (Inductive)
Power Consumption	≤2W
Temperature Display Range	5-49℃
Temperature Set Point Range	10-35℃
Temperature Set Point	1℃
Temperature Accuracy	±0.5℃
Humidity Display Range	0-99%
Humidity Accuracy	±3%
Application	2-Pipe / 4-Pipe
RS485	1 Port / 9600

Mechanical

Operating Temperature	5-49°C
Operating Humidity	0-95% RH, Non-Condensing
Operating Environment	Interior
Operation	APP / Manual
Display	1.28 Inches
Ingress Protection (IP)	20
External Temperature Sensor	NTC 10K (Optional)

Wireless

Frequency	2.4GHz
Connection	WiFi 2.4G / BLE 4.2
Range	Open Area: >50m Interior: 3-20m

Homekit

Adding the Accessory to Apple Home

Item	Description
Setup Method	To add the accessory to Apple Home, scan the HomeKit Setup Code or manually enter the code when prompted in the Apple Home app.
Setup Code Storage	The HomeKit Setup Code is required when adding the accessory to a new home or after a factory reset. Please keep the HomeKit Setup Code in a secure location for future use.

Troubleshooting HomeKit Setup

Message	Recommended Action
Unable to Add Accessory	If the Apple Home app displays "Unable to Add Accessory", restart your iPhone or iPad, restore the accessory to factory settings, and then try the setup process again. Make sure the accessory is powered on, connected to the network, and within range of your Wi-Fi router.
Accessory Already Added	If the Apple Home app displays "Accessory Already Added", restart your iPhone or iPad and restore the accessory to factory settings. Then add the accessory again by manually entering the HomeKit Setup Code.
Accessory Not Found	If the Apple Home app displays "Accessory Not Found", restore the accessory to factory settings and wait approximately 3 minutes before attempting setup again. Then manually enter the HomeKit Setup Code to add the accessory.

Important Notice

Use of the Works with Apple Home badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards.Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

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