

# Yoswit Smart Thermostat Datasheet

Model: M360s (R2W)-MEC-A

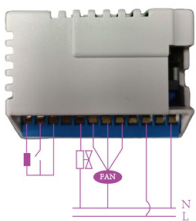
Revised: 01-12-2024



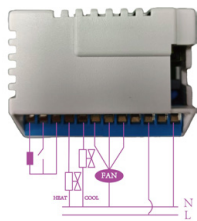
## The Perfect Solution for Efficient Temperature Control

Mira Controls Thermostat is compatible with 2 pipe/4 pipe fan coil units and PTAC, offering options for 3-speed fan and auto. It allows for easy switching between heat, cool, and ventilation modes to personalize settings based on guest preferences. Seamlessly integrating with the Yoswit radar presence detection sensor, optimizes guest comfort and significantly reducing energy consumption by adjusting the temperature based on occupancy. Built-in temperature and humidity sensors automatically maintain room comfort levels. Additional features include overheat protection for enhanced security, non-volatile memory to retain program settings during outages, and a built-in timer for setting the ideal temperature in advance. Control and monitor remotely through the Yoswit App via built-in WiFi and integration with smart speakers. With wireless technology at its core, it effortlessly integrates with smart hotel systems for centralized control.

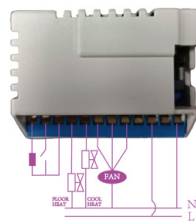
Connection 1: 2-pine ON/OFF  
+3 speed fan



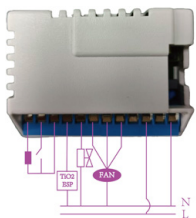
Connection 2: 4-pine ON/OFF  
+3 speed fan



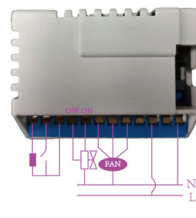
Connection 3: 2-pine ON/OFF  
+floor heating



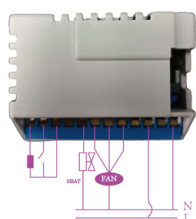
Connection 4: 2-pine ON/OFF  
+Tio2/ESP



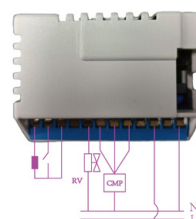
Connection 5: 2-pine ON/OFF  
+3 wire valve



Connection 6: Underfloor heating



Connection 7: Water source heat pump



## Key Features and Benefits

- Occupancy Detection
- Integration with Smart Hotel Systems
- Customized Scheduling
- Built-in Temperature and Humidity Sensors Automatically Adjust the Comfort of the Room
- Personalized Modes Setting Based on Guest Preferences
- Overheat Protection
- Power-off Memory
- Voice Control
- 2-pipe/4-pipe Integrated into One Fan Coil Unit with Easy Configuration
- Heat and Cool Setpoint Limitation for Energy Saving

### Yoswit App

You can download our app to implement the following functions via Bluetooth and WiFi to control the Yoswit switches.

  
Time Setting

  
Scene Mode

  
Device Network

  
Away Detection

  
Password Protection

  
Network Control

  
Apple Siri

  
Google Assistant


  
IFTTT

Depends on Yoswit Bridge Solutions.



## Product Specifications

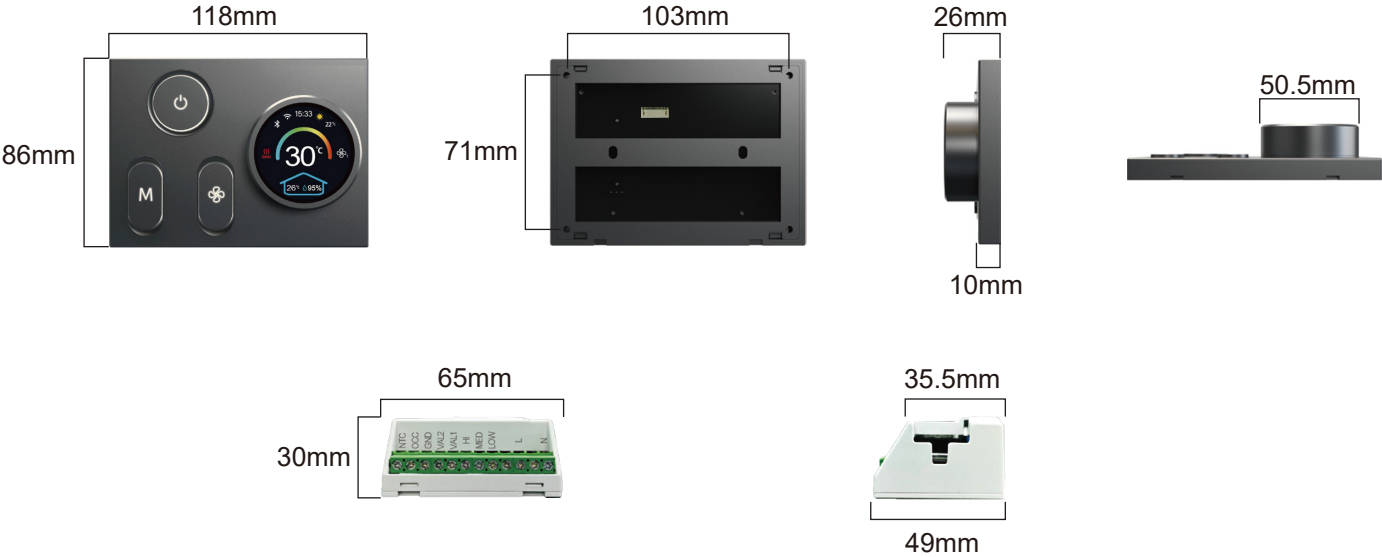
Color Options:

\*You can also customize the colors 



Space Grey

Specifications:



Wireless		Mechanical	
Frequency	2.4GHz	Operating Temperature	-10-49°C
Connection	Wifi 2.4G / BLE 4.2	Operating Humidity	0-95% RH, Non-Condensing
Range	Open Area: >50m Interior: 3-20m	Operating Environment	Interior
		Operation	APP / Manual
		Display	1.28 Inches
		Ingress Protection (IP)	20
		External Temperature Sensor	NTC 10K (Optional)

## General Specifications

Product Name	Mira Controls Thermostat / MEC-A
Model	M360s (R2W)-MEC-A
Socket Type	Socket 86
Revision	V1.0
Compliance	CE, FCC, RoHS
Manufacturer	Designed by Yoswit in Hong Kong, China / Assembled in Guangdong, China
Warranty	2 years, limited (*Details available on the Product Warranty and Limitations of this datasheet)

## Electrical

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

## Outer Box



Quantity Per Box: 40 Pack / Box  
Measurement: 58 x 31 x 23.5 (cm)

## Product Warranty and Limitations

Yoswit brand products guarantee for a period of 2 years warranty from the date of purchase. During the warranty period and in the event that a defective product is identified (non-human factors), Yoswit will provide free maintenance. Damage beyond the warranty period or caused by improper use is not covered within the warranty, Yoswit will not bear any responsibility for repair, and will still provide users with a lifelong maintenance of paid services. If the products need to be repaired or returned to our company, an appropriate fee should be charged based on specific situation to cover the cost of replacement. Regardless of the warranty status, all shipping costs are borne by users.

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