

WIFI Smart Thermostat Radiator Valve



English

WORKS WITH alexa

WORKS WITH Google Assistant

• Bitte scannen Sie den QR-Code, um das deutsche Handbuch, das Installationsvideo und die Funktionsanleitung zu erhalten

• Escanee el código QR para obtener el manual en español, el video de instalación y la introducción de la función

• Veuillez scanner le code QR pour obtenir le manuel en français, la vidéo d'installation et l'introduction des fonctions

• Отсканируйте QR-код, чтобы получить руководство на русском языке, видео по установке и описание функций

• Leia o código QR para obter o manual em português, o vídeo de instalação e a introdução das funções




请扫描二维码获取中文的说明书、安装视频及功能介绍

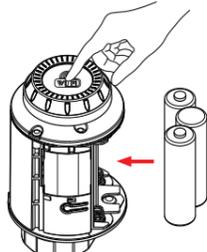
Description

- ✓ Automatic debugging function, suitable for all kinds of mainstream valves.
- ✓ The device supports Wi-Fi fast distribution network, no additional gateway is required.
- ✓ Intelligent PID algorithm, efficient control of valve opening and closing, energy saving and environmental protection.
- ✓ The motor adopts ultra-quiet technology to minimize noise pollution.
- ✓ The device has activated the automatic conversion of summer time and winter time, which can be activated or terminated as needed.

Technical specifications

Power Supply:	3 x 1.5 V alkaline AA batteries (not included)
Protection Level:	IP20
Ambient Temperature:	0-50°C
Surface Temperature:	90°C Max (on the radiator)
Standby Current:	30µA Min
Connection:	M30 x 1.5mm
Linear Travel:	4.3mm
Dimensions(W x H x D):	58.4mm x 97mm x 58.4mm
Weight:	220 g

Restore factory settings: Long press the middle button and insert the battery at the same time until "FR" is displayed on the screen and blinking for 3 seconds, the device will be restored to factory settings and restarted.



* Attention: Once the device is restored to factory settings, all previous settings can not be recovered.

Preparation for Use

1. Download MOES App



Available on the App Store

GET IT ON Google play

MOES APP is upgraded as much more compatibility than Tuya Smart/Smart Life APP functional well for scene controlled by Siri, widget and scene as the fully new customized service. (Note: Tuya Smart/Smart Life APP still works, but MOES APP is highly recommended)

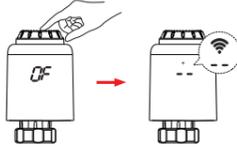
2. Registration or Log in.



Enter the Register/Login interface; tap "Register" to create an account by entering your phone number to get verification code and "Set password". Choose "Log in" if you already have a MOES account.

Add Device

1. Under manual mode, rotate the knob counterclockwise until "CF" is displayed. Then long press the middle button for 3 seconds until "Wi" is blinking.

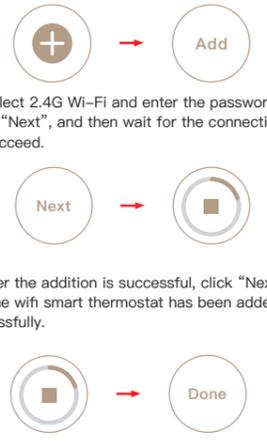


* Attention: Network configuration can only be done under manual mode. Please turn on the Bluetooth of your phone in advance.

2. Enter the "Home" interface of the APP, click "+" in the upper right corner, select the "Add" button in the pop-up window, and finally click "+" to enter the Wi-Fi password interface;

3. Select 2.4G Wi-Fi and enter the password, click "Next", and then wait for the connection to succeed.

4. After the addition is successful, click "Next", and the wifi smart thermostat has been added successfully.



Standard Accessories

TRV

Adapters

For Danfoss RA valves

For Danfoss RAV valves

For Danfoss RAVL valves

User Manual

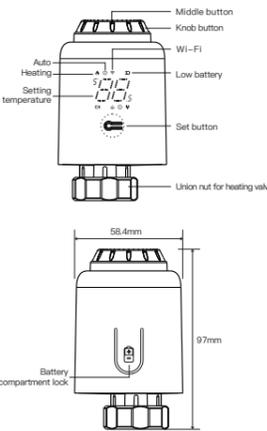
Adapters

For Caleffi valves

For Giacomini valves

For M28 valves

Display Symbols



Middle button

Knob button

Wi-Fi

Low battery

Set button

Union nut for heating valve

58.4mm

97mm

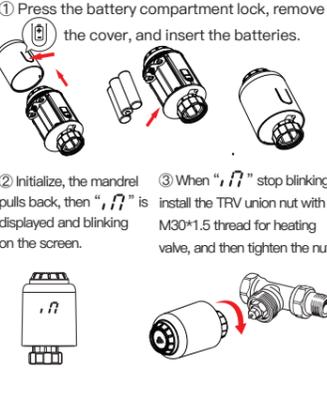
Battery compartment lock

Installation

① Press the battery compartment lock, remove the cover, and insert the batteries.

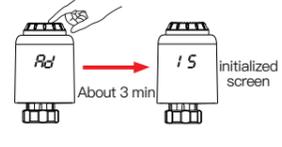
② Initialize, the mandrel pulls back, then "FR" is displayed and blinking on the screen.

③ When "FR" stop blinking, install the TRV union nut with M30*1.5 thread for heating valve, and then tighten the nut.



***Attention:** While inserting the batteries, please make sure the polarity of battery (+/-) is aligned.

④ Press the middle button and then "FR" start blinking, the device enter valve-adjusting process. After several minutes, the process is completed when initialized screen is displayed.



About 3 min

initialized screen

Mode Selection

*Click "A" to select mode.



* Attention: *Attention: Click "+" or "-" to adjust the setting temperature.

Auto mode: Four time periods and setting temp. could be programmed per day, one week as a cycle, based on customized needs.

Manual mode: The device will work according to current setting temp. without controlled by the time period program.

Off mode: The valve will be closed to stop heating.

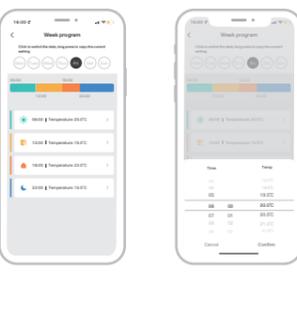
ON mode: The valve will open in heating.

Week Program Setting

1. Click "L" to enter the week program setting page.



2. Set four time periods and setting temperature based on customized needs.



Advanced Setting

*Click "C" to enter the advanced setting page.



How to install the adapter correctly

For Danfoss RA valves

For Caleffi valves

For Danfoss RAV valves

For Giacomini valves

H13mm

H8.6mm

For Danfoss RAVL valves

For M28 valves

H4.8mm

H11mm

Temperature Control Mode

Press the middle button to switch between Auto mode and Manual mode.

*** Auto mode**

When "C" is displayed on the screen, it is under Auto mode. Four time periods and setting temperature could be programmed per day, one week as a cycle, based on customized needs.

*** Manual mode**

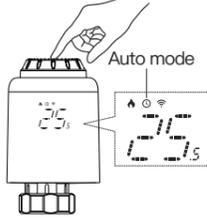
When "C" is not displayed on the screen, it is under Manual mode. The device will work according to current setting temperature, without controlled by the time period program.

*** Temporary mode**

Under Auto mode, "C" will be blinking after setting temperature, and then it will enter Temporary mode. The device is switched to Manual mode temporarily, without controlled by the time period program. It will return to Auto mode by next time period.

*** Attention: Only Manual mode is available when the device is not connected to Internet.**

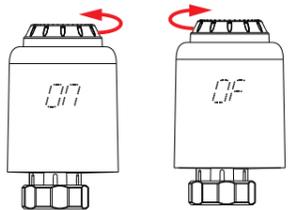
Auto mode



Stop Heating And Pause Heating

*** ON:** In summer, rotate the knob clockwise until "ON" is displayed under manual mode to stop heating. At this time, the heating valve is fully open. This can extend the use life of valve.

*** OFF:** In winter, rotate the knob counterclockwise until "CF" is displayed under manual mode to pause heating temporarily. At this time, the heating valve is closed and the frost protection is activated.



*** Attention: After the antifreeze function is activated, the valve will open when the room temperature is lower than 5°C, and the valve will be closed when the room temperature exceeds 7°C to prevent damage to the radiator thermostatic valve due to freezing.**

Voice Control

*After waking up the speaker, you can say:

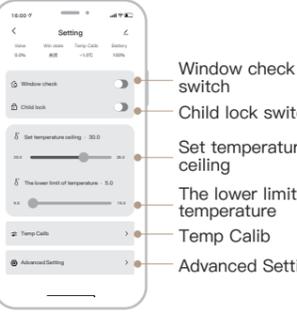
Amazon Alexa: Alexa,

- * Set the DEVICENAME to 26 degree
- * Drop the DEVICENAME by 1 degree
- * Raise the DEVICENAME by 1 degree
- * Make the DEVICENAME warmer
- * Turn on the DEVICENAME child lock
- * Turn off the DEVICENAME child lock
- * What temperature is the DEVICENAME set to
- * What is battery on the DEVICENAME

Google Assistant : OK google,

- * Set the DEVICENAME to 23 degree
- * Turn on the DEVICENAME child lock
- * Turn off the DEVICENAME child lock
- * IS my DEVICENAME child lock on?
- * Turn on child lock for the DEVICENAME
- * Turn off child lock for the DEVICENAME
- * Set the DEVICENAME to auto
- * Set the DEVICENAME to manual

* Attention: "DEVICENAME?" is the device name, you can also name it yourself. The temperature unit of TRV and smart speaker must be identical.



Window check switch

Child lock switch

Set temperature ceiling

The lower limit of temperature

Temp Calib

Advanced Setting

Troubleshooting and Maintenance

Error code	Problem
F0	Temperature sensor abnormality
F1	Slow valve operation
F2	The stroke is too long
F3	The stroke is too short
F4	Running out of battery
Battery symbol lee (C)	Low battery

Error code	Solution
F0	Contact after-sales staff
F1	Check the installation and heating valve
F2	Check the fastening of TRV
F3	Check the heating valve
F4	Replace batteries immediately
Battery symbol lee (C)	Replace batteries within 4 weeks

SERVICE

1. During the free warranty period, if the product breaks down during normal use, we will offer free maintenance for the product.

2. Natural disasters/man-made equipment failures, disassembly and repair without the permission of our company, no warranty card, products beyond the free warranty period, etc., are not within the scope of free warranty.

3. Any commitment (oral or written) made by the third party (including the dealer/service provider) to the user beyond the warranty scope shall be executed by the third party.

4. Please keep this warranty card to ensure your rights

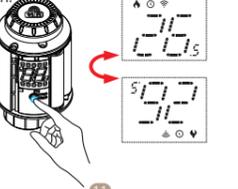
5. Our company may update or change the products without notice. Please refer to the official website for the updates.

Adjust Setting Temperature And Screen Rotation

*** Adjust setting temperature:** Rotate the knob to adjust setting temperature, stepping by 0.5°C.



*** Screen rotation:** Long press the Set Button for 3 seconds to switch the screen display direction.



Open-window Function And Anti-scale

*** Open-window function:** First, enter the APP home page to turn on the window detection function, the device will automatically identify whether the window is open. When it is detected that there is cold wind, and the temperature drops by more than 1.5°C within 4.5 min, the open-window function will be activated. At this time, the screen displays "OP" and the temperature is set to 12°C.



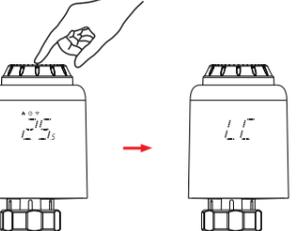
*** Attention:** Attention: While the open-window function is activated, following operations will terminate it from taking effect. (1) Temperature setting operation on the APP or device. (2) The detected temperature rises by more than 1.5°C within 4.5 minutes. (3) No operation on the APP or device within 30 minutes.

*** Anti-scale:** TRV executes routine decalcification every Monday at 12:00 to protect the valve from calcification. "CR" will be displayed on the screen during decalcification.



Child Lock Function And Restore Factory Settings

Child lock function: Long press the middle button for 3 seconds until "LC" is displayed on the screen to activate the child lock. While the device is locked, long press middle button for 3 seconds until "LC" disappear to deactivate the child lock.



RECYCLING INFORMATION

All products marked with the symbol for separate collection of waste electrical and electronic equipment (WEEE Directive 2012/19 / EU) must be disposed of separately from unsorted municipal waste. To protect your health and the environment, this equipment must be disposed of at designated collection points for electrical and electronic equipment designated by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences for the environment and human health. To find out where these collection points are and how they work, contact the installer or your local authority.



WARRANTY CARD

Product Information

Product Name _____

Product Type _____

Purchase Date _____

Warranty Period _____

Dealer Information

Customer's Name _____

Customer Phone _____

Customer Address _____

Maintenance Records

Failure date	Cause Of Issue	Fault Content	Principal

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