LED Wi-Fi Smart Thermostatic Radiator Valve

Powered by tuya

Wi Fi

Supporting remote control by smart life app, voice control by Amazon Alexa and Google Assistant



English

WORKS WITH Amazon Alexa

WORKS WITH Google Assistant

Version:1.0(12/2022) 71.04.00206

◆ Personalized scanning code

Scan the corresponding QR code according to your needs to obtain the content

Manual

- Scan the QR code to obtain the electronic manual in multi-language.
- Scannen Sie den QR-Code, um das elektronische Handbuch in mehreren Sprachen zu erhalten.
- Escanee el Código QR para obtener un manual electrónico multilingüe.
- Zeskanuj kod QR, aby uzyskać elektroniczną instrukcję w wielojęzyku.сканирование
- двухмерных кодов для получения многоязычных электронных руководств.

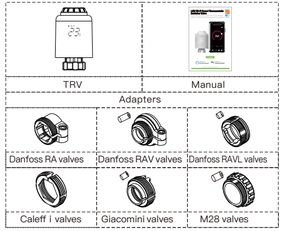
Install video

- Scan the QR code to obtain the video of TRV equipment Install.
- Scannen Sie den QR-Code, um das Video der TRV-Ausrustung installieren zu erhalten.
- Escanee el Código QR para obtener el video de instalación del dispositivo trv.
- Zeskanuj kod QR, aby uzyskać wideo sprzętu TRV Install.
- сканирование двухмерных кодов для получения видео установки TRV.

Configure network video

- Scan QR code to obtain TRV Configure network video.
- Scannen Sie QR-Code, um TRV Configure Netzwerkvideo zu erhalten.
- Escanee el Código QR para obtener el video de red de configuración trv.
- Zeskanuj kod QR, aby uzyskać wideo sieciowe TRV Configure.
- сканировать двухмерный код для получения видео настройки TRV.

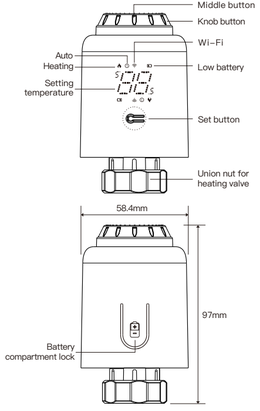
◆ Standard Accessories



◆ Technical specifications

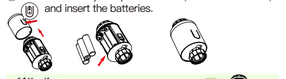
Power Supply:	3 x 1.5 V alkaline AA batteries (not included)
Standby Current:	6μA Min
Protection Degree:	IP20
Ambient Temperature:	0~50℃
Surface Temperature:	90℃ Max (at the radiator)
Connection:	M30 x 1.5mm
Linear Travel:	4.3mm
Dimensions(W x H x D):	58.4mm x 97mm x 58.4mm
Net Weight:	145 g

◆ Display Symbols



◆ Installation

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

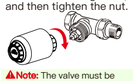


***Attention:**
While inserting the batteries, please make sure the polarity of battery (+/−) is aligned.

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

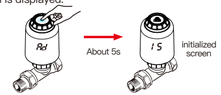


③ When "AA" stop blinking, install the TRV union nut with M30*1.5 thread for heating valve, and then tighten the nut.

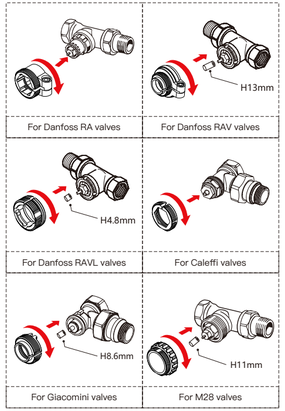


Note: The valve must be installed, otherwise the **F5 error code** will be prompted.

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



◆ How to install the adapter correctly



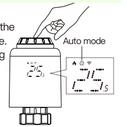
◆ Temperature control mode

Temperature control mode

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

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

- **Auto mode**
  When " " 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 " " 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, " " 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.

◆ 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 "OF" is displayed under manual mode to pause heating temporarily. At this time, the heating valve is closed and the frost protection is activated.



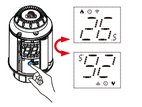
***Attention:** After the antifreeze function is activated, the valve will open when the room temperature is lower than 5℃, and the valve will be closed when the room temperature exceeds 7℃ to prevent damage to the radiator thermostatic valve due to freezing.

◆ Adjust setting temperature and Screen rotation

- **Adjust setting temperature:** Rotate the knob to adjust setting temperature, stepping by 0.5℃.



- **Screen rotation:** Long press the set button for 3 seconds to switch the screen display direction.



◆ Open-window function

- **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℃ 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℃.



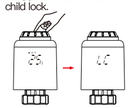
***Attention:** Attention: While the open-window function is activated, following operations will terminate it from taking effect.
① Temperature setting operation on the APP or device.
② The detected temperature rises by more than 1.5℃ within 4.5 minutes.
③ No operation on the APP or device within 30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

◆ Anti-scale and Child lock function

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

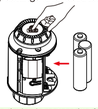


- **Child lock function:** Long press the middle button for 3 seconds until "LC" is displayed on the screen to activate the child lock. While the device is locked, long press middle button for 3 seconds until "LC" disappear to deactivate the child lock.



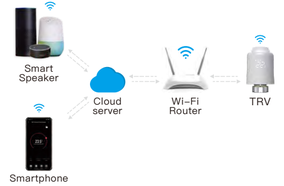
◆ Restore factory settings:

- **Restore factory settings:** Long press the middle button and insert the battery at the same time until "FA" 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.

◆ APP remote control and voice control



◆ Preparation for Use (Wi-Fi only)

① Download Smart Life App

Available on the App Store

GET IT ON Google play

Scan the QR code above or search"Smart Life" on App Store and Google Play to download the Smart Life APP.

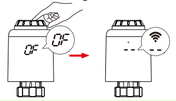
② Registration or Log in



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 Smart Life account.

◆ Add device

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

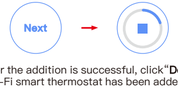


***Attention:**
- Network configuration can only be done under manual mode.
- Please turn on the Bluetooth of your phone in advance. And ensure that the smartphone OS allows the SmartLife APP to access the Bluetooth function.

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"**Done**", and the Wi-Fi smart thermostat has been added successfully.



◆ Mode selection

- Click "A" to enter the Temperature Statistics.

***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.

◆ Weekly programming

- ① Click " " to enter the Weekly programming page. ② Set four time periods and setting temperature based on customized needs.



◆ Setting

- Click " " to enter the advanced setting page.



◆ Statistics

- Click " " to enter the Temperature Statistics.



◆ Device sharing function

*Example of mobile Phone A sharing mobile Phone B

- Share the device to other family members, allowing them to remotely control the TRV device.



① Click the Menu button, then click "Share Device".
② Click "Add home member".
③ Fill in account information of home member.
④ Mobile phone B agrees to join.

◆ Error code

Troubleshooting and maintenance

Error code	Problem	Solution
F0	Temperature sensor abnormality	Contact after-sales staff
F1	Slow valve operation	Check the installation and heating valve
F2	The stroke is too long	Check the fastening of TRV
F3	The stroke is too short	Check the heating valve
F4	Running out of battery	Replace batteries immediately
F5	Valve not detected	To check if the valve is installed
Battery symbol ( )	Low battery	Replace batteries within 1 week

◆ 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.
* What temperature is the DEVICENAME set to.
* Set the DEVICENAME to automatic.

Google Assistant : OK google,

* Set the DEVICENAME to 23 degree.
* Set the DEVICENAME temperature to 25.
* What is the temperature of DEVICENAME.
* Set the DEVICENAME to auto.

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