TV01 Zigbee Thermostat Radiator Valve



User Guide

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1. Information about this manual

Please read this manual completely and carefully before starting to use the device. The manual use of the device. Especially observe the safety notes. Keep the manual for later consultation. you hand over the device to other persons for u please hand over the operating manual as well.

2. Product Description

more than 15% of energy.

the flow of heat to the radiator. With the Thermostat - (i): Comfortable temperature Radiator Valve TV01 you can conveniently adjust the room temperature between 5-30°C, and save

The device is part of the Tuya smart home system and works with the ZigBee 3.0 protocol. All devices Adjust temperature/date/time on the system can be configured comfortably and individually with the Tuya smartphone app.

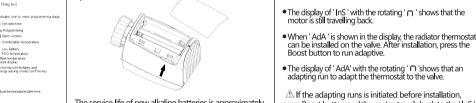
The temperature can be controlled individually, re

The radiator thermostat fits to all common radiator valves and is easy to mount-without having to drany water or intervene in the heating system.

A smart gateway hub is required for the TV01 to work.

4.3 Set date and time

automatically requested after a brief display of the firmware version number.



before inserting the new ones. This device does not

5. Installation of the radiator thermostat

heating system. No special tools are required, nor does the

a thread size of M30 x 1.5 from the most popular

Heimeier
 MNG
 Junkers

No worries, water will not leak during this process.

the max value mav be 6 or 8

Siemens

be installed on radiator valves of type Danfoss RA, Danfos

5.1 Unscrew your existing radiator thermostat

5.4 Danfoss RAV Valve

the max value may be 6 or

with the notches on the valve.

5.3.3 Install the adapter, Plane A is aligned with Plane B. up with the notches on the valve. 5.3.4 Install the round tube into the device. 5.4.4 Install the adapter, Plane A is aligned with Plane B.

5.4.6 Install the device.

up with the notches on the valve.

(A) PlaneA

5.7 Install the device.

7. Software Installation

1 Download the Tuva Smart/Smart Life App for you

C U.5







6. Interface screen

device ZigBee signal is always on.

8.1 Amazon Alexa







8. Voice Control

Common commands for Alexa

by 4 degrees" / "Alexa, make it cooler in here

using a wake-word and an instruction.

setting of date and time.

A PlancA

18°C but the heating will not start because the room

temperature is already higher than 18°C

• Set Temperature: "Alexa, set the DEVICE NAME to 20 Get Temperature: "Hey google, what is the DEVICE NAME | Get Temperature: "Alexa, what is the DEVICE NAME "Hey google, what is the upstairs set to Get Set Point: "Alexa, what is the upstairs set to?" Note: Alexa considers the smart thermostat and room names as the devices. 8.2 Google Home Google Home is a braind of smart speakers that work similarly to Amazon Echo. Google' s intelligent PA, Google Assistant, is equivalent to Amazon' s Alexa. Google Home is also available on all Android devices and does not require the use of the 'Smart Speakers'. The user can speak a profusion of commands to request information, or ask the Google Assistant to perform an action such as play music, video playback, report news, access home automation. All of this can all be controlled Press the mode button to select if ico Default temperature: 17°C and 21°C. from a Google Home device. Temperature range: 5-30 °C, step: 0.5 °C. App operation: Click the mode icon to select. Common commands for Google Home Listed below are common commands used with Goo

In manual mode, the temperature is controlled in accordan

Discover Devices: "Hey google, discover devices"

the mode option of the mobile app, and then switch to any activate the manual mode, please proceed as follows:

• App operation: Click the mode icon to select. usually caused by an opened window or door and the ope

window icon will display() on the screen.

The device will resume to its previous status after detection if

To activate the holiday mode, please proceed as follows:

• Select "Holiday" icon(★) via '+/-' button, and press mode and manual mode.

want to active the holiday mode and confirm with the

want to active the holiday mode and confirm with the

holiday mode and confirm with the menu button. Long press the menu button for 5 seconds, it will enter the

button to cancel the holiday mode.

9.4 Open Window Detection

The device automatically stop heating when it detects a sudden temperature drop/5°C in 5 minutes as default). T

• Long press the menu button for 5 seconds, it will enter the

If you want to end your holiday earlier, press the mode

The comfort and eco temperature button makes switching between comfort and eco temperature simple and user friendly. These have been set at the factory at 21.0 °C

 App operation: Click the icon in APP to select. The open window detection only operates in automatic

9.5 Offset Temperature +/-' button to select the time, until which vo

Use the '+/-' button to select the date, until which

ne offset temperature, please proceed as follows.

setting interface

Select "Offset" option via '+/-' button, and press m

App operation: Click the offset icon in settings.

9.6 Eco and Comfortable Temperature

to automatic mode.

available unless the function is deactivated.

Even in auto mode, the temperature can be changed at ar time using the button. It will then remain the same until the next point at which the program changes.

lock App operation: Click the child lock icon in settings.

9.8 Anti-Freezing Mode

The device operation In the manual mode, when the temperature is manually adjusted to less than 5 degrees, the screen will display "A

every week to prevent calcification of the valve

When activated, the valve will be fully opened for 5 r heat given off by the radiator can be felt immediately.

Press the boost button to activate the boost function.

 After these 5 minutes have elapsed, the actuator char achieve this, the valve is opened fully. To activate the he to the mode which was previously active(auto/manual) stop, please proceed as follows: the previously set temperature.

heating stop function, and the device will no longer be able function.

available unless the function is deactivated.

return to automatic mode.

Long press the menu button for 5 seconds, it will enter

confirm, the time flashes three times

9.10 Anti-Calcification (Descaling) Protection

The function can be deactivated at any time by pressing

 Use the boost button to return. The remaining time for the function will be counted down

10.1 Date

10.2 Week Programming Stage In this menu item, you can create a heating profile with heating and cooling phases according to your personal needs. You can set up to ten stages of temperature every day. The

Press the menu button for 5 seconds to open the

+/-" button and confirm with the menu button

+/-" button and confirm with the menu button. To

Select open window() via the "+/-" button in the menu.

button and confirm with the menu button. To confirm, the

 Use the boost button to return. single days of the week, all weekdays, the weekend or the entire week for your heating profile and confirm with the

flashes three times.

Use the boost button to return.

App operation: Click the icon(🖹) in app

(Select offset icon)(Offset) via the "+/

Confirm with the menu button.

 (Select comfortable temperature icon)(-o-) via the Select the desired temperature using the button and confirm with the menu button. To confi

10.7 Holiday Setting

the temperature flashes three times

confirm with the menu button. To confirm, the temperature

Use the boost key to return.

10.5 ECO Temperature Press the menu button for 5 seconds to open the configura

Confirm with the menu button.

(Select ECO temperature icon)(//) via the

 Select the desired temperature using the the temperature flashes three times.

Temperature range: 5-30 °C, step: 0.5 °C Use the boost button to return.

The next time is shown in the display. You can adjust the

Press the menu button for 5 seconds to open the configu

the device is not available.

• (Select holiday mode icon)(査) via the "+/-" button

Confirm with the menu button

confirm with the menu button. Select the end date using the "+/confirm with the menu button.

the temperature flashes three times. Temperature range: 5-30 °C, step: 0.5 Use the boost button to return.

Select the desired temperature using the

one minute, the setting will exit automatically

Temperature range: 5-3

Weight: 190 g (incl. batteries)

Working temperature: -10°C-40°C

14. Technical Data

Press the menu button to confirm

Press the boost button to exit

After the device runs reset, the data will not be say

3. Troubleshooting and maintenance

Problem

Equipment Directive. The device is not a toy, do not allow children to

regular domestic waste! Instead, take them to your local

This device complies with the EN62368/EN300328/ EN301489 of the CE Rules. This device complies with the ROHS 2.0 Rules.

Do not dispose of the device with regular domestic waste! Electronic equipment must be disposed of at

local collection points for waste electronic equipment in compliance with the Waste Electrical and Electronic

Dimensions(W x H x D): 55.3 x 54 x 98.3 mm Used batteries should not be disposed of wi

Adapters for Danfoss(RA,RAV and RAVL)

range too small the valve pin is stuck

play with it. Do not leave packaging material lying around. Plastic films/bags, pieces of polystyrene, etc. can be dangerous in the hands of a child. Maximum radiated power: 20dBm

battery disposal point.

15. Package contents

16. Instructions for disposal