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## BEOK CONTROLS TRV705-WIFI

# Beok Smart WiFi Thermostatic Radiator Valve (TRV705-WIFI) Instruction Manual

Model: TRV705-WIFI

## 1. INTRODUCTION

The Beok Smart WiFi Thermostatic Radiator Valve (TRV705-WIFI) is designed to provide intelligent and efficient control over your home heating system. This device allows you to manage your radiator temperature directly, via a smartphone application, or through voice commands, ensuring comfort and energy savings. It is compatible with Tuya Smart/Smart Life applications and integrates with voice assistants like Amazon Alexa and Google Home.

### Wie verbinde ich den Thermostat mit dem WLAN

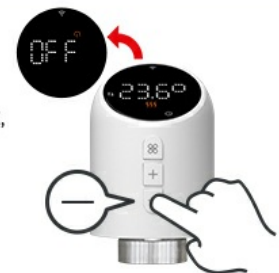
**01**

Scannen Sie den QR-Code in der Bedienungsanleitung, laden Sie die Smart Life / Tuya Smart App herunter und registrieren Sie sich.



**02**

Halten Sie den “-”-Knopf gedrückt, bis “OFF” auf dem Display erscheint.



**03**

Halten Sie den “⌘”-Knopf gedrückt, bis dynamische Linien auf dem Display erscheinen. Öffnen Sie dann die App – es erscheint eine Verbindungsaufforderung. Falls keine Aufforderung angezeigt wird, beenden Sie die App vollständig und starten Sie sie neu.



**04**

Befolgen Sie die Anweisungen in der App, um die Verbindung abzuschließen. Achten Sie darauf: Geben Sie bei der Eingabe der Wi-Fi-Daten ein **2,4-GHz-WLAN** ein.



Image: Beok Smart WiFi Thermostatic Radiator Valve TRV705-WIFI, highlighting daily programmability, app/voice control, and window-open detection.

## 2. WHAT'S INCLUDED

Upon unpacking your Beok Smart WiFi Thermostatic Radiator Valve, please ensure all components are present:

- 1x Beok Smart WiFi Thermostatic Radiator Valve (TRV)
- 1x User Manual
- 6x Adapters (RA/RAV/RAVL/CAL/GIA/M28) for universal valve compatibility
- Screws and mounting accessories
- Note: 3x AA (1.5V) batteries are required and not included.

## Kompatibel mit M30x1,5-Ventilen



Danfoss RA-Ventile



Danfoss RAV-Ventile



Danfoss RAVL-Ventile



Caleff i-Ventile



Giacomini-Ventile



M28-Ventile



Image: The package contents, including the thermostatic valve, user manual, 3x AA batteries (not included), and various adapters.

## 3. SETUP

### 3.1. Battery Installation

1. Remove the battery cover from the back of the TRV.
2. Insert 3x AA (1.5V) batteries, ensuring correct polarity.
3. Replace the battery cover.

### 3.2. Mounting the Thermostatic Valve

The TRV is designed for universal compatibility with most heating valves. It features an M30 x 1.5 mm threaded connection and includes several adapters for different valve types.

1. Identify your radiator valve type.
2. Select the appropriate adapter from the included set (e.g., Danfoss RA, RAV, RAVL, Caleffi, Giacomini, M28).
3. Attach the selected adapter to your radiator valve.
4. Screw the Beok TRV onto the adapter until it is securely fastened. The screen can be rotated 180 degrees for optimal viewing angle after installation.



Image: Illustration of the TRV's compatibility with various M30x1.5mm valves (Danfoss RA, RAV, RAVL, Caleffi, Giacomini, M28) and the 180-degree rotatable display for flexible installation.

### 3.3. Connecting to WiFi and App

The TRV requires a 2.4GHz WiFi network for smart control.

1. **Download the App:** Scan the QR code in the user manual or search for "Tuya Smart" or "Smart Life" in your app store (iOS/Android) and install the application. Register an account if you don't have one.
2. **Enter Pairing Mode:** On the TRV, press and hold the "-" button until "OFF" appears on the display.
3. **Activate WiFi Pairing:** Press and hold the "88" button until dynamic lines appear on the display, indicating it's ready for pairing.
4. **Connect via App:** Open the Tuya Smart/Smart Life app. A connection prompt should appear. If not, manually add the device. Follow the in-app instructions to complete the connection. Ensure you are connected to a 2.4GHz WiFi network.



Image: A visual guide detailing the four steps to connect the thermostat to your WiFi network via the Smart Life/Tuya Smart app.

## 4. OPERATING THE DEVICE

### 4.1. Manual Control

You can adjust the temperature directly on the TRV using the physical buttons.

- **Temperature Adjustment:** Use the "+" and "-" buttons to increase or decrease the target temperature.
- **Mode Selection:** Press the mode button (often indicated by an icon) to cycle through different operating modes (e.g., Auto, Manual, Holiday, Boost).

## 4.2. App Control (Tuya Smart/Smart Life)

The app provides comprehensive control and scheduling features.

- **Remote Access:** Control your TRV from anywhere via the app.
- **Daily Programming:** Set up to 6 time periods per day with individual temperature settings for each day of the week. This allows for energy-efficient heating based on your schedule.
- **Mode Management:** Easily switch between Comfort, Eco, Frost Protection, Holiday, and Boost modes.
- **Statistics:** View heating usage data.



**BEOK**  
CONTROLS


Kompatibel mit nahezu allen Ventilen M30x1,5 mm.

### THERMOSTATVENTIL FÜR HEIZKÖRPER TRV705-WIFI

- Täglich programmierbar
- App-/Sprachsteuerbar
- Fenster-Offen-Erkennung

Image: The TRV display alongside a smartphone screen showing the Tuya Smart app interface for remote control, and an illustration of voice control compatibility with Alexa/Google Home.

## App-/Sprachsteuerung

 Funktioniert mit Smart Life / Tuya Smart apps

 Kompatibel mit Alexa / Google Assistant

 2.4G



Image: A visual representation of the daily programming function, illustrating how different temperatures can be set for up to 6 periods throughout the day, promoting energy saving.

### 4.3. Voice Control

Integrate your TRV with Amazon Alexa or Google Home for hands-free control.

- **Linking Accounts:** Follow the instructions in the Tuya Smart/Smart Life app to link your account with Alexa or Google Home.
- **Voice Commands:** Use commands such as "Alexa, set the living room thermostat to 22 degrees" or "Hey Google, what is the temperature in the bedroom?"

### 4.4. Additional Functions

- **Holiday Mode:** Set a specific temperature for a defined period (up to 60 days) while you are away, saving energy.
- **Adjustable Standby Brightness:** Customize the display brightness when in standby mode (e.g., 50%, 80%, 100%).
- **Multi-Room Control:** Manage multiple TRVs in different rooms from a single app interface.
- **Device Sharing:** Share control of your TRV with family members through the app.

## Heizungsstopp bei geöffnetem Fenster

Das Gerät hört auf zu heizen, wenn die Raumtemperatur innerhalb von 5 Minuten um mehr als 1,5 Grad abfällt.



## Automatische Heizungswiederaufnahme bei geschlossenem Fenster (und Raumtemperaturanstieg)



Image: A collage illustrating various advanced features: Holiday Mode (max 60 days), adjustable display brightness (80%, 100%, 50%), multi-room control, and device sharing.

## 5. MAINTENANCE

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### 5.1. Window Open Detection

The TRV features an intelligent window open detection function to prevent energy waste. If the ambient temperature drops by more than 1.5 degrees Celsius within 5 minutes, the device will automatically stop heating. Heating resumes when the window is closed and the room temperature rises.

## Tägliche Programmierung individuell einstellbar

Täglich individuell programmierbar

Bis zu 6 Änderungen pro Tag einstellbar

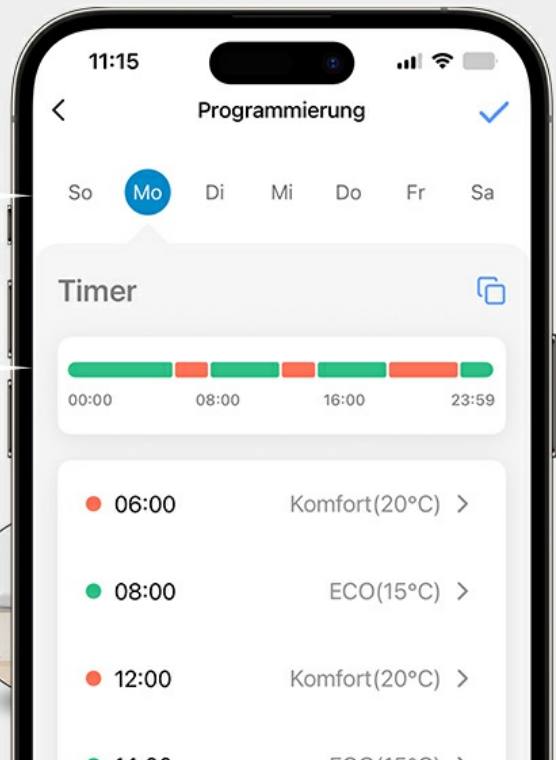
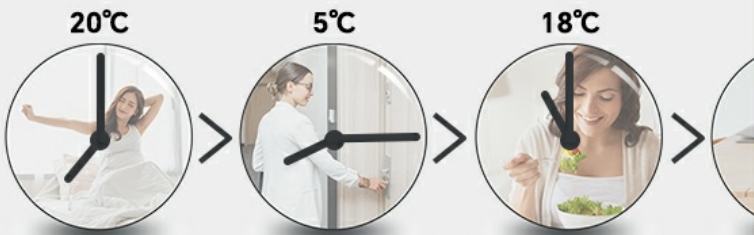


Image: The TRV mounted on a radiator, with an icon indicating window open detection. The text explains that heating stops if the room temperature drops by more than 1.5 degrees in 5 minutes.

### 5.2. Anti-Freeze Protection

The TRV includes an anti-freeze function to protect your pipes during cold periods. If the room temperature drops below a certain threshold (typically 5°C), the valve will automatically open to prevent freezing.

### 5.3. Low Battery Indication

When the battery level is low, a battery icon will appear on the TRV display. Replace the 3x AA batteries promptly to ensure continuous operation.

### 5.4. Child Lock

Activate the child lock feature via the app or directly on the device to prevent accidental changes to settings by children.

## 6. TROUBLESHOOTING

#### • Device not connecting to WiFi:

- Ensure your WiFi network is 2.4GHz. The TRV does not support 5GHz networks.
- Check if the TRV is in pairing mode (dynamic lines on display).
- Verify your WiFi password and network stability.
- Try restarting your router and the TRV.
- If the app doesn't prompt for connection, try adding the device manually in the app.

#### • Inaccurate Temperature Readings:

- Ensure the TRV is not obstructed by curtains or furniture, which can affect temperature sensing.
- If a calibration offset is needed, adjust it in the app settings. Note that sometimes a negative offset is required even if the reading is lower than actual.

#### • Heating not turning on/off:

- Check the battery level. Low batteries can affect valve operation.
  - Ensure the TRV is not in Holiday or Frost Protection mode if you expect normal heating.
  - Verify the schedule in the app is correctly configured.
- **Voice control not working:**
    - Confirm that your Tuya Smart/Smart Life account is correctly linked to Alexa or Google Home.
    - Ensure your voice assistant device is online and functioning correctly.
    - Use clear and precise commands.

## 7. SPECIFICATIONS

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<b>Brand</b>	BEOK CONTROLS
<b>Model</b>	TRV705-WIFI
<b>Color</b>	White
<b>Product Dimensions (L x W x H)</b>	6 x 6 x 10 cm
<b>Weight</b>	230 grams
<b>Material</b>	Plastic
<b>Connectivity Technology</b>	Wi-Fi (2.4GHz only)
<b>Controller Type</b>	App Control, Amazon Alexa, Google Assistant
<b>Power Source</b>	Battery Powered (3x AA 1.5V, not included)
<b>Special Features</b>	Remote access, voice assistant integration, individual heating plans, energy saving via window open detection, anti-freeze function, child lock
<b>Included Components</b>	1x Radiator Thermostat, 6x Adapters (RA/RAV/RAVL/CAL/GIA/M28)

## 8. WARRANTY

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BEOK CONTROLS products are designed and manufactured to the highest quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included in your product packaging or visit the official BEOK CONTROLS website for detailed warranty terms and conditions. Keep your proof of purchase for warranty claims.

## 9. SUPPORT

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For technical assistance, troubleshooting, or general inquiries regarding your Beok Smart WiFi Thermostatic Radiator Valve, please contact BEOK CONTROLS customer support. You can typically find contact information on the official BEOK CONTROLS website or in the user manual provided with your product. When contacting support, please have your product model number (TRV705-WIFI) and purchase details ready.

For further information and updates, please visit the [BEOK CONTROLS Store on Amazon](#).

