BEOK CONTROLS

BEOK 2025 CATALOG

Thermostatic Radiator Valve

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About BEOK

CE RoHS RED EAC

Shanghai Beok Controls Co., Ltd, founded in 2010, has over 10 years experience to integrate the research, development and production of HVAC control system products. We adhere to the strict and practical product requirements, and take a serious and responsible attitude to provide every customer with better products and better services.

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BEOK Service

Customize Program

Customize App

Design/ Printing

Customize Product Color

Customize Package

ODM Service

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BEOK Products

Main Functions of BEOK Radiator Valves

App control

Control the radiator remotely by smart phone with multilanguage interface.

Voice control

Controlling the heater via smart speakers.

Programmable schedule

Set the temperature for each time of day and make it cycle automatically every day.

Temperature calibration

Calibrate thermostat display to actual room temperature.

Child lock

Lock the keypad when you need it to avoid misuse.

Non-volatile memory

Various current settings of the thermostat can be memorized in case of power failure.

Anti-freeze

Maintains room temperature at 5°C to prevent electronic devices from freezing. Can be turned on or off in the advanced settings.

Anti-limescale

The anti-limescale program is activated at regular intervals throughout the week.

Open Window Detecton

Turn off the heater when the room temperature drops drastically to conserve energy.

Individual functions may vary depending on the model, please refer the product introduction page for details.

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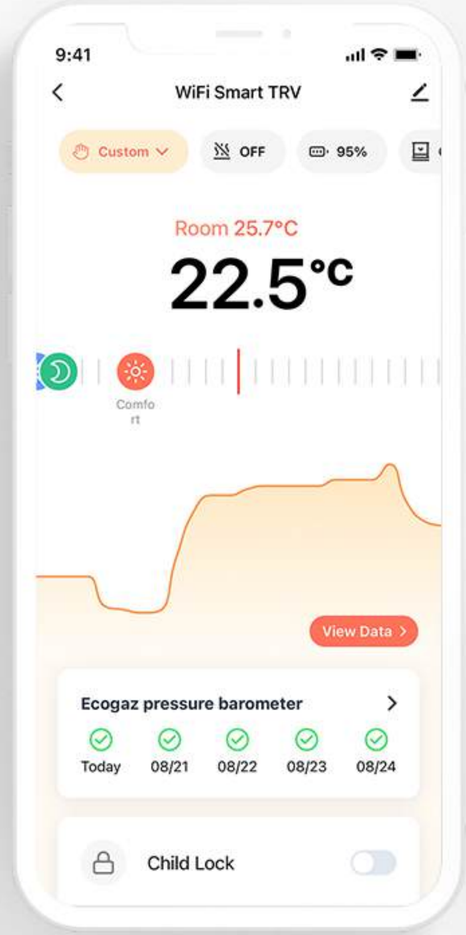
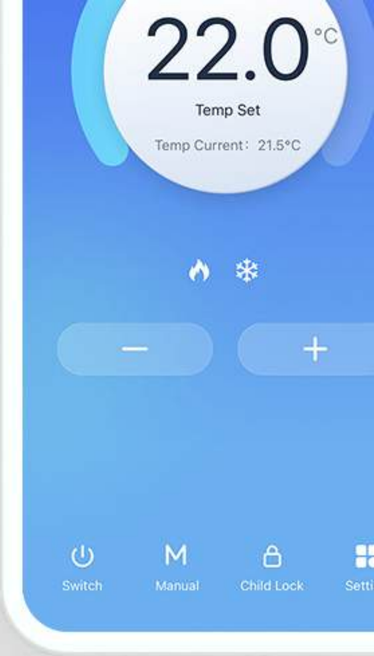
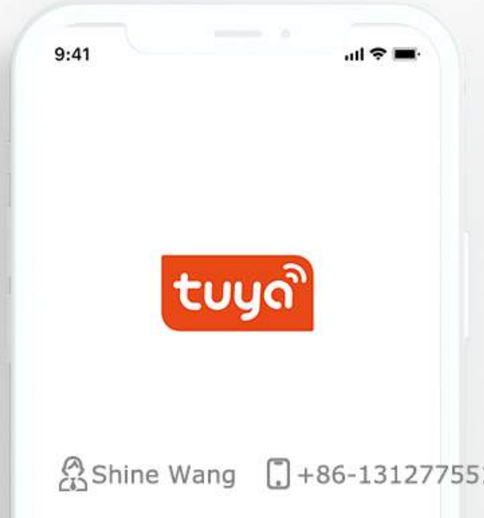
BEOK Products

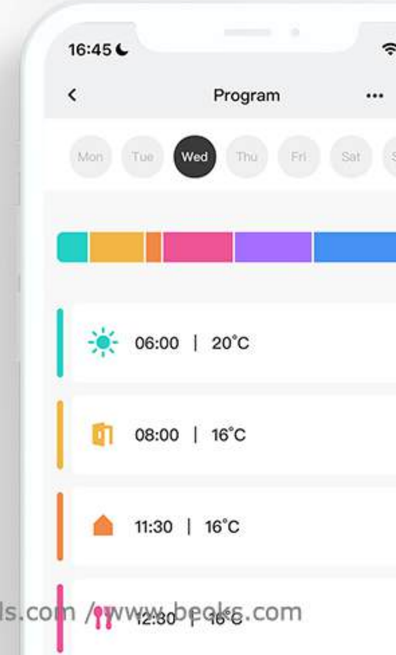
Thermostatic Radiator Valve App Interface

Tuya Apps









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Comes with Adaptors for Most Radiator

For Danfoss
RA Valves

For Danfoss
RAV Valves

For Danfoss
RAVL Valves

For Caleff i Valves

For Giacomini Valevs

For M28 Valevs

Screws & Nuts

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Contents

Zigbee **TRV-601**

Wi-Fi **TRV-603**

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Zigbee **TRV-602**

Wi-Fi **TRV-604**

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Zigbee **TRV705-ZB**

Wi-Fi **TRV705-WF**

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Zigbee **TRV803-ZB**

Wi-Fi **TRV803-WF**

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Zigbee **TRV804-ZB**

Wi-Fi **TRV804-WF**

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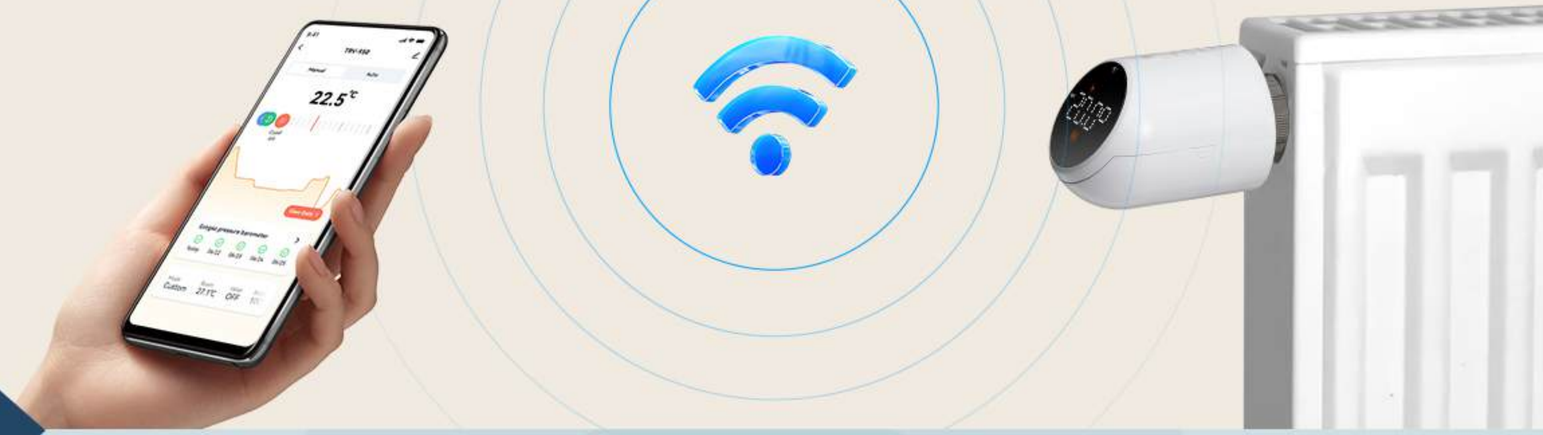
BEOK Products

Thermostatic Radiator Valve

Remote Control via Wi-Fi

Direct Wi-Fi connection without a gateway.



Remote Control Via Zigbee

Connected by Zigbee protocol, low power consumption and high security. Requires Tuya gateway.

Zigbee gateway hub

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BEOK Thermostatic Radiator Valve

Zigbee Model No. **TRV-601**

Wi-Fi Model No. **TRV-603**

Frosted housing with a top knob that can be pressed. Connection part in frosted metal.

Work with Tuya apps | iOS & Android

zigbee | *Zigbee Model Optional*

Support smart speakers alexa

TRV-601

TRV-603

The Wi-Fi model (TRV-603) has a Wi-Fi notation on the knob.

Technical Data

Power supply: 3*1.5V AA battery (not included)

Current Consumption: 100mA Max

Temperature Setting range: 5~35°C

Display Accuracy: 0.5°C

Thread size: M30*1.5

Linear Travel: 4.3mm

Ambient Temperature: -5~50°C

Weight: 200g

Dimensions & Icons

Screen Rotation

The screen can be oriented in two directions.

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BEOK Thermostatic Radiator Valve

Zigbee Model No. **TRV-602**

Wi-Fi Model No. **TRV-604**

Glossy housing with a top knob that can be pressed. Connection part in frosted metal.

Work with Tuya apps | iOS & Android

zigbee | Zigbee Model Optional

Support smart speakers alexa

TRV-602

TRV-604

The Wi-Fi model (TRV-603) has a Wi-Fi notation on the knob.

Technical Data

Power supply: 3*1.5V AA battery (not included)
Current Consumption: 100mA Max
Temperature Setting range: 5~35°C
Display Accuracy: 0.5°C
Thread size: M30*1.5
Linear Travel: 4.3mm
Ambient Temperature: -5~50°C
Weight: 200g

Dimensions & Icons

Screen Rotation

The screen can be oriented in four directions.

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BEOK Thermostatic Radiator Valve

Zigbee Model No. **TRV705-ZB**

Wi-Fi Model No. **TRV705-WF**

The matte finish with mechanical buttons makes it easy for anyone to use.

Work with Tuya apps | iOS & Android

zigbee | Zigbee Model Optional

Support smart speakers alexa

Technical Data

Power supply: 3*1.5V AA battery (not included)

Current Consumption: 100mA Max

Temperature Setting range: 5~35°C

Display Accuracy: 0.5°C

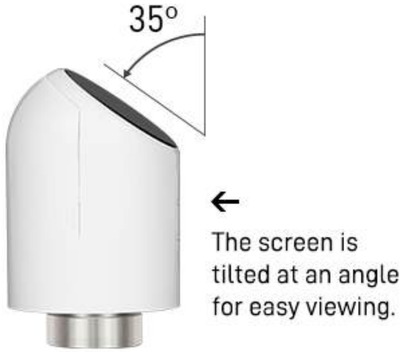
Thread size: M30*1.5

Linear Travel: 6mm

Ambient Temperature: 0~50°C

Weight: 210g

Dimensions



The screen is tilted at an angle for easy viewing.

Screen Rotation

The screen can be oriented in two directions.

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BEOK Thermostatic Radiator Valve

Model No.

Zigbee **TRV803-ZB**

Model No.

Wi-Fi **TRV803-WF**

Features a clear display and stylish touch key design on a silver background.

Work with Tuya apps | iOS & Android

zigbee | *Zigbee Model Optional*

Support smart speakers alexa

Technical Data

Power supply: 3*1.5V AA battery (not included)

Surface Temperature: 90°CMax (at the radiator)

Standby Current: 6μA Min

Thread size: M30*1.5

Linear Travel: 6mm

Ambient Temperature: 0~50°C

Weight: 139g

Dimensions

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BEOK Thermostatic Radiator Valve

Zigbee Model No. **TRV804-ZB**

Wi-Fi Model No. **TRV804-WF**

Frosted housing with a top knob that can be pressed. Connection part in frosted metal.

Work with Tuya apps | iOS & Android

zigbee | Zigbee Model Optional

Support smart speakers alexa

Technical Data

Power supply: 3*1.5V AA battery (not included)

Standby Current: 6μA Min

Storage temperature: -10°C~85°C

Surface Temperature: 90°CMax (at the radiator)

Thread size: M30*1.5

Linear Travel: 6mm

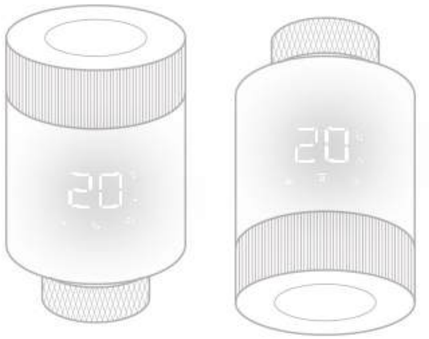
Ambient Temperature: 0~50°C

Weight: 139g

Dimensions

Screen Rotation

The screen can be oriented in two directions.



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BEOK Thermostatic Radiator Valve

Model No.

WLN-03-X

86x86x18mm
Zigbee gateway hub

Work with Tuya apps | iOS & Android

Technical Data

Power supply
5V/1A

Interface
Micro-USB

Frequency
Zigbee 2.400~2.480GHz
Wi-Fi 2.400~2.4835GHz

LED
Red and blue

Maximum radiated power (Zigbee)
10dBm

Maximum radiated power (Zigbee)
20dBm

Working temperature
-10~40°C

Working enviroment
Indoor

Zigbee technology

Zigbee technology is a wireless communication technology applied to short distances and low rates, and is mainly used for data transmission between various electronic devices over short distances, with low power consumption and low transmission rates, as well as typical applications with periodic data, intermittent data, and low reaction time data transmission.

zigbee

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