Rti-Tek

PRODUCT CATALOG

Smart Home
Energy Saving & Comfortability

Rti-Tek

Smart Energy-Saving Solutions Supplier

Rti-Tek is a trusted innovator in the HVAC industry, utilizing Internet of Things (IoT) and Artificial Intelligence (AI) technologies to improve building energy efficiency. We are committed to contributing to a more comfortable and sustainable future for homes and businesses around the globe.

About us

Advanced Technology

We hold over 70 patents that support our R&D efforts.

Trusted Quality

Our facilities maintain ISO9001, ISO14001, and BSCI certifications, while our products comply with CE and RoHS standards to ensure quality assurance.

Tailored Services

We provide flexible OEM and ODM solutions tailored to your specific needs.

Reliable Connectivity

We integrate low-power protocols like Zigbee, BLE, Wi-Fi, and Matter with smart algorithms for efficient applications.

Global Reach

Rti-Tek serves over 50 countries and millions of users, leading innovations in energy management.

Partners

Realtek

Texas Instruments

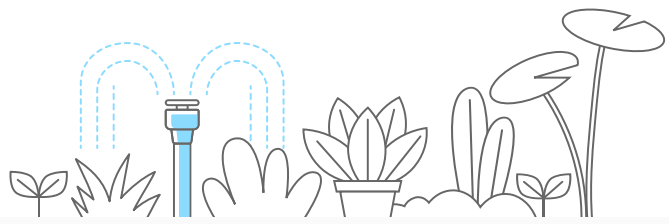
Silicon Labs

HOPERF

BEKEN

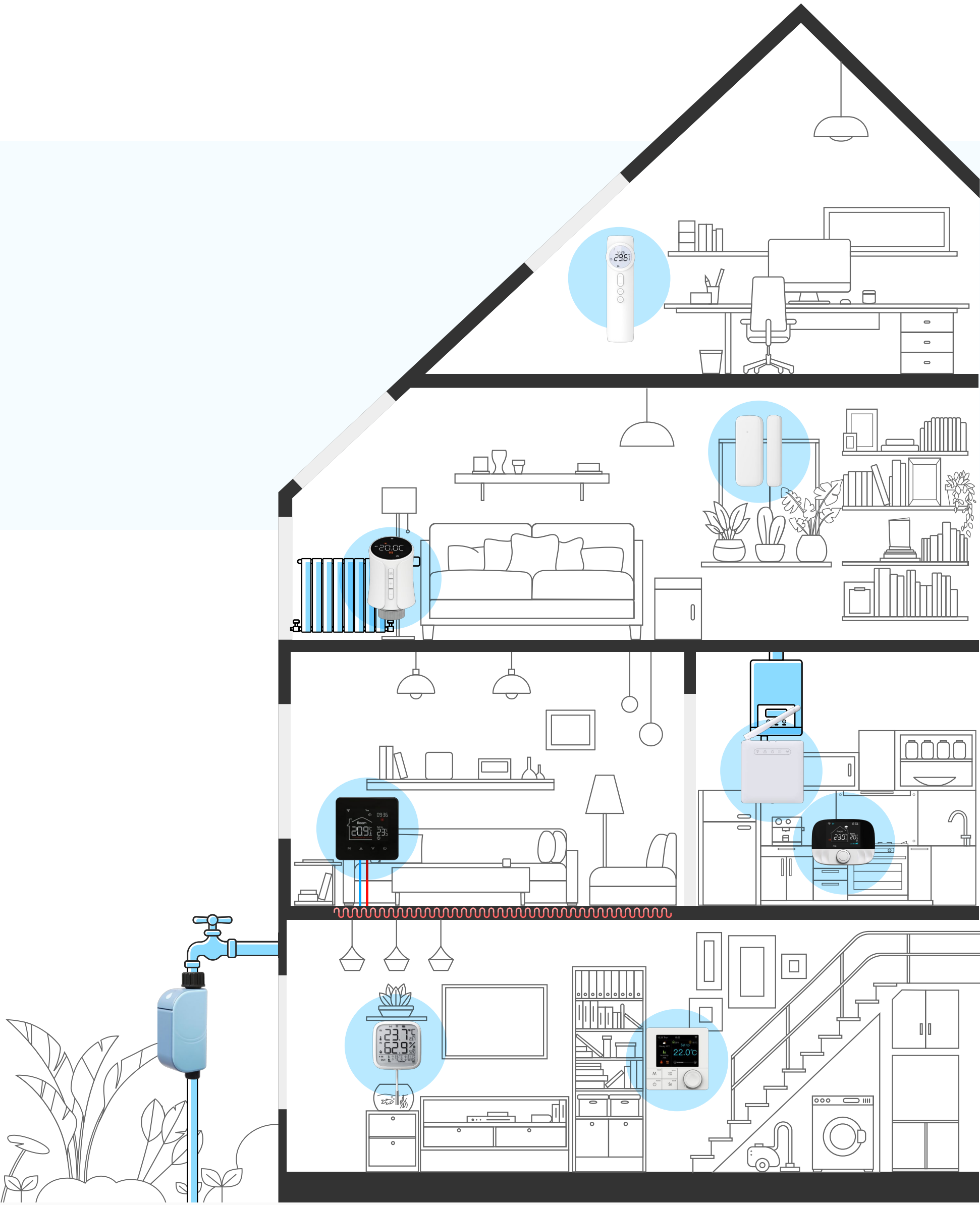
tuya

eWeLink



Works with Apple Home

works with Google Home


works with alexa
works with Yandex Alice
works with Smart Life
tuya
matter
zigbee
Bluetooth
Wi Fi

Smart Thermostats for Underfloor Heating

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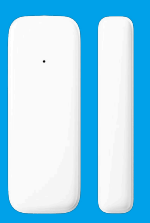

Smart Socket Thermostats for Heating & Cooling

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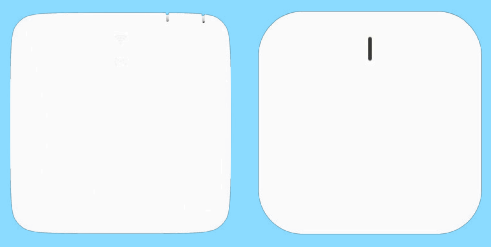

Smart HVAC Control Panel

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Smart Home
Energy Saving & Comfortability

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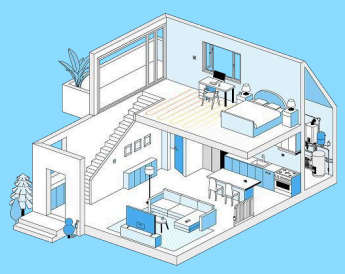
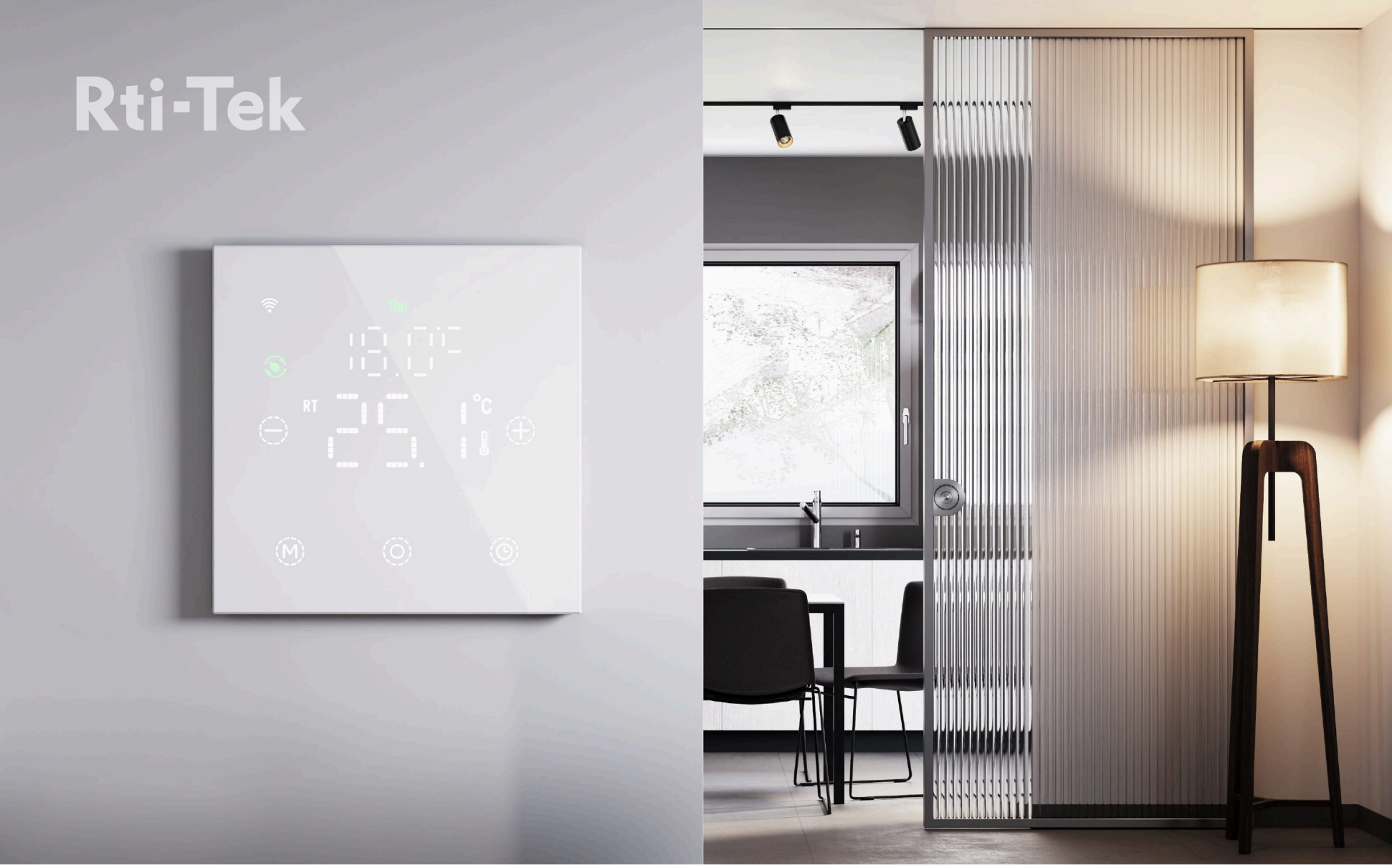


More Products

33-42



Smart Thermostats for Underfloor Heating

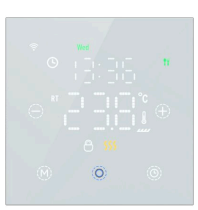
This smart thermostat is designed for underfloor heating systems, offering options for electric, water, and gas boiler heating. It is suitable for recessed mounting in both homes and offices.

Specifications

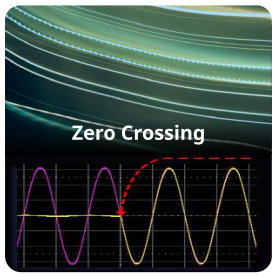
Power Supply: AC100~240V; 50/60Hz
Current Load: 16A (Mode 716) / 3A (Mode 703/723)
Power Consumption: 1.5W Max
Display Accuracy: 0.1℃
Temperature Control Accuracy: 0.5℃
Temperature Control Range: 5~95℃
Ingress Protection: IP20
Materials: PC + ABS
Sensor: NTC, B=3380, R25=10KΩ±1% (external NTC optional)
Safety Certification: CE, RoHS

Model: V8W

Dimensions(W×H×D): 86 × 86 × 43 mm
Installation: Flush-mounted
Panel Standard: 86-type
Hole Distance: 60 mm



Features



Zero-Crossing Detection

Extends equipment lifespan, reduces energy consumption, and ensures safety and stability

OpenTherm Protocol

Supports OpenTherm protocol for efficient heating control

Precision Temperature Control

Display accuracy of 0.1°C and control precision of ±0.5°C for accurate temperature management

Multiple Screen Options

Offers TN, VA, LED, and IPS screen options to meet various needs

Weekly Programming
Automatic Control
Remote Control
Voice Control
Localized Control
Dual-Temp. Display
Real-Time Weather
Antifreezing Function
Child-lock Function
Power-off Memory

Scenario	Floor Heating					
System mode	Water		Gas Boiler		Electric	
Model	703	703S	723	723S	716	716S
Wi-Fi	✓	✓	✓	✓	✓	✓
Schedule	✓	✓	✓	✓	✓	✓
Passive Linkage	—	—	✓	✓	✓	—
485 modbus	—	✓	—	✓	—	✓
NTC	Optional				10K	Optional
Output load	3A				16A	16A

Works with Apple Home · works with Google Home · works with alexa · works with Yandex Alice · works with Smart Life

tuya · matter · zigbee · Bluetooth · Wi Fi

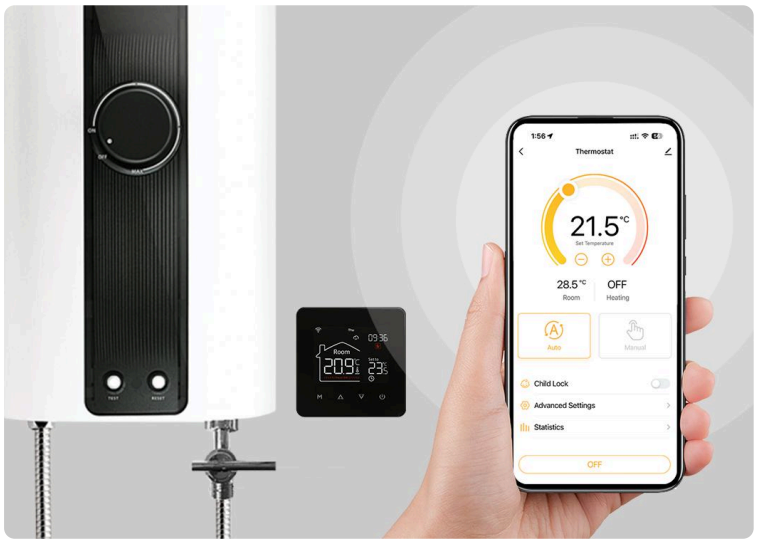
Underfloor Heating

Smart Temperature Control

Electric Underfloor Heating

Water Underfloor Heating

Gas Boiler Control



Passive Control

OpenTherm Protocol Support

Underfloor Heating

ID Choices

R9MW

R3W

R5W

R53W

R7W

R6W

V4W

V8W

R9W

R7C

R8C

R8W

More product information

Please scan the QR code or visit the website:

https://go.rti-tek.org/heating

Smart Thermostats with Battery Powered

This smart thermostat is crafted for surface-mounting and runs on battery power, making it ideal for modern homes that require flexible layouts and greater convenience.

Specifications

Power Supply: 2 x1.5V Alkaline AA batteries
Display Accuracy: 0.1℃
Temperature Control Accuracy: 0.5℃
Temperature Control Range: 5~95℃
Ingress Protection: IP20
Materials: PC + ABS
Sensor: NTC, B=3380, R25=10KΩ±1%
Safety Certification: CE, RoHS

Model: T5

Dimensions(W×H×D): 86 x 90 x 20.8 mm
Installation: Surface-mounted
Panel Standard: 86-type
Hole Distance: 60 mm

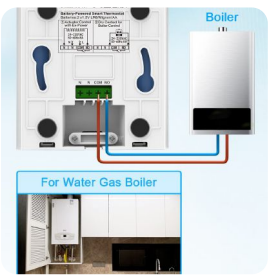
Features

Battery-Powered

No wiring required, offering flexible installation options

Easy Surface Mount

Surface mount design for quick installation and easy access



Flexible Boiler Control

Optional versions supports both active and passive control for gas boilers

Multiple Heating Options

Optional configurations include electric underfloor heating, water underfloor heating, or gas boilers to accommodate various requirements

Weekly Programming

Automatic Control

Remote Control

Voice Control

Localized Control

Dual-Temp. Display

Real-Time Weather

Antifreezing Function

Child-lock Function

Power-off Memory

Works with Apple Home

works with Google Home

works with alexa

works with Yandex Alice

works with Smart Life

tuya

matter

zigbee

Bluetooth

Wi Fi

V3BW

V8BW

V9BW

T5

More product information

Please scan the QR code or visit the website:

https://go.rti-tek.org/H-B-P

Rti-Tek

Smart Thermostats for Fan Coil Unit

This flush-mounted thermostat controls air conditioning fan coil units, offering options for two-pipe and four-pipe systems, as well as integrated underfloor heating and air conditioning systems.

Specifications

Power Supply: AC100~240V; 50/60Hz
Current Load: 3A
Power Consumption: 1.5W Max
Display Accuracy: 0.1℃
Temperature Control Accuracy: 5~95℃
Ingress Protection: IP20
Materials: PC + ABS
Sensor: NTC, B=3380, R25=10KΩ±1%
Safety Certification: CE, RoHS

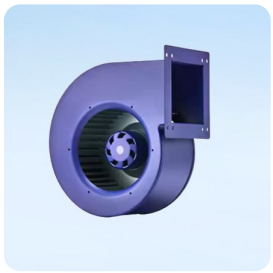
Model: R7C

Dimensions(W×H×D): 86 × 86 × 43 mm
Installation: Flush-mounted
Panel Standard: 86-type
Hole Distance: 60 mm

Features

Fan Speed

Supports high, medium, and low options



0-10V Control

Supports 0-10V signal transmission, provides precise temperature control and energy savings

Modbus 485

Utilizes Modbus protocol with RS-485 communication for multi-device connectivity and data transfer

Temperature and Humidity

Monitors temperature and humidity in real-time for optimal comfort

Automatic Control

Various Form Factors

Voice Control

Localized Control

Dual-Temp. Display

Child-lock Function

Power-off Memory

Remote Control

Real-Time Weather

Antifreezing Function

Scenario	Fan Coil					Integrated	
System mode	2-pipe			4-pipe		Fan-Coil with Floor-Heating	
Model	743	853	853S	863	863S	963	963S
Wi-Fi	✓	✓	✓	✓	✓	✓	✓
Schedule	—	—	—	—	—	✓	—
Time Task	✓	✓	✓	✓	✓	✓	✓
Fan control	✓	✓	✓	✓	✓	✓	✓
Passive Linkage	—	✓	✓	✓	✓	✓	✓
485 modbus	—		✓		✓	—	✓
NTC	—	Optional		Optional		Optional	
Output load	3A			3A		3A	

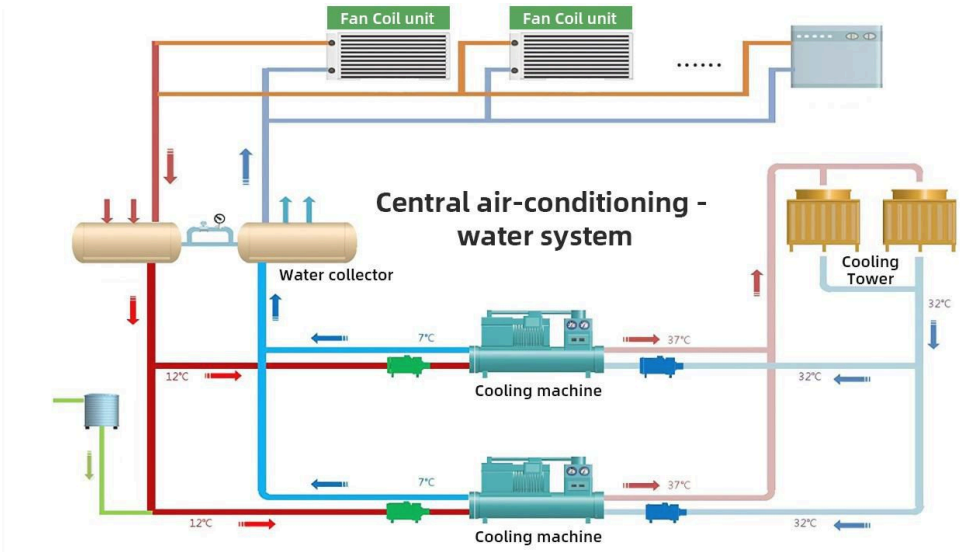
Works with Apple Home · works with Google Home · works with alexa · works with Yandex Alice · works with Smart Life

tuya · matter · zigbee · Bluetooth · Wi Fi

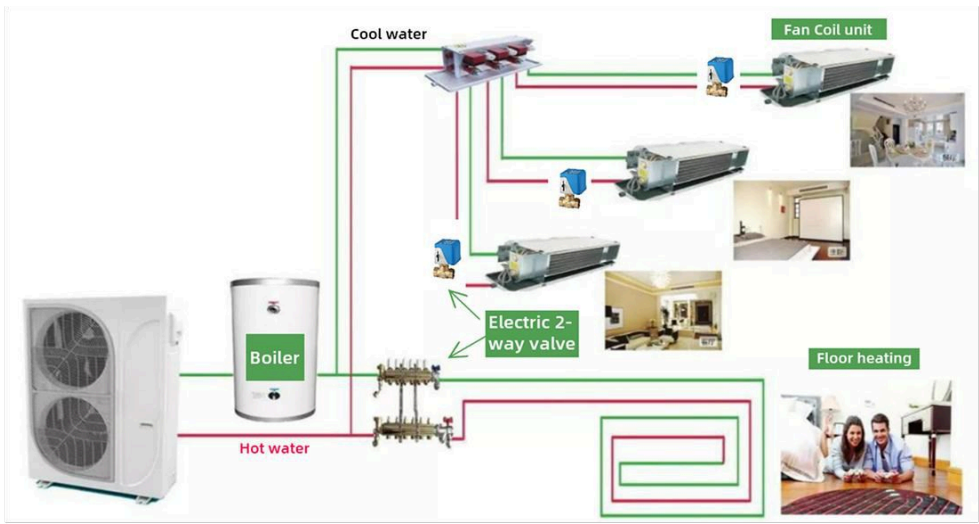
Air Conditioning

Fan Coil Control

For Two-pipe System

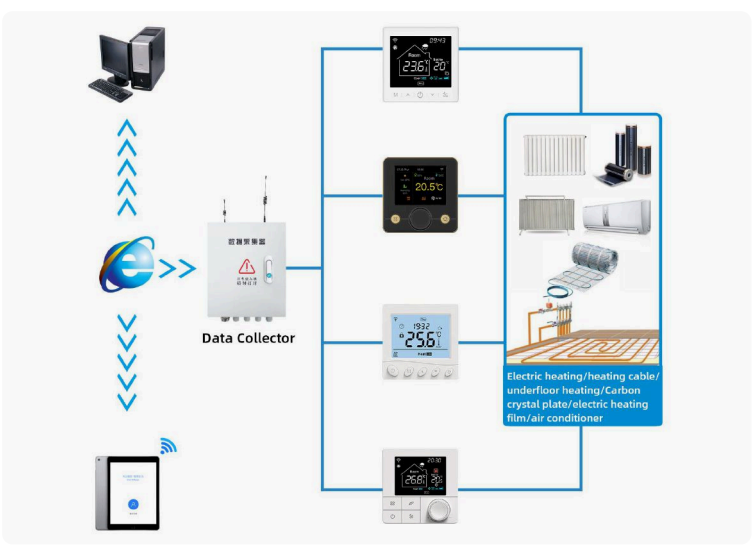


For Four-pipe System



Linkage Control

Passive Control

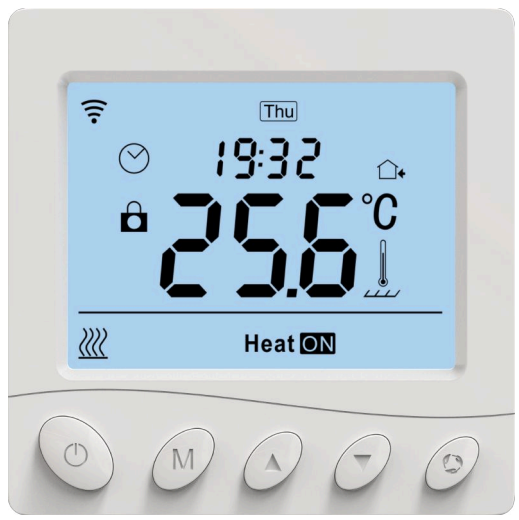


Supported Modbus 485

Air conditioning

ID Choices

R9W



R3W

R7C

R8C

More product information

Please scan the QR code or visit the website:
https://go.rti-tek.org/AC

Smart Fan Coil Thermostats for Easy Installation

This wall-mounted type thermostat controls air conditioning fan coil units and works with various HVAC systems, offering flexibility for modern homes with adaptable layouts.

Specifications

Power Supply: AC100~240V; 50/60Hz
Current Load: 3A
Power Consumption: 1.5W Max
Display Accuracy: 0.1℃
Temperature Control Accuracy: 0.5℃
Temperature Control Range: 5~95℃
Ingress Protection: IP20
Materials: PC + ABS
Sensor: NTC, B=3380, R25=10KΩ±1% (external NTC optional)
Safety Certification: CE, RoHS

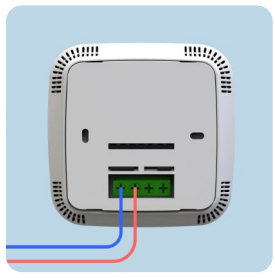
Model: EBD1

Dimensions(W×H×D): 104 x 104 x 32 mm
Installation: Surface-mounted
Panel Standard: 86-type
Hole Distance: 60 mm

Features

Fan Speed

Supports High, Medium, and Low options



Easy Surface Mount

Surface mount design for quick installation and easy access

Temperature Control

Efficient cooling and heating temperature management for comfort in all seasons

ECO Mode

Activates energy-saving mode with a single press

Automatic Control	Various Form Factors	Voice Control	Localized Control	Dual-Temp. Display
Child-lock Function	Power-off Memory	Remote Control	Real-Time Weather	Antifreezing Function

Works with Apple Home · works with Google Home · works with alexa · works with Yandex Alice · works with Smart Life

tuya · matter · zigbee · Bluetooth · Wi Fi

EBD1 - White

EBD1 - Black

More product information

Please scan the QR code or visit the website:

https://go.rti-tek.org/AC-Easy-Install

RF433 Wireless Thermostat Sets for Gas Boiler Heating

This RF thermostat set includes a thermostat and a receiver, both using reliable 433 MHz RF technology. The thermostat can be placed anywhere and works with the receiver for seamless control of gas boiler heating.

Specifications

Thermostat Power Supply: **5V USB(Type-C)/3*1.5V alkaline AA batteries**
Receiver Power Supply: **AC100~240V ; 50/60Hz**
Display Accuracy: **0.1℃**
Temperature Control Accuracy: **0.5℃**
Temperature Control Range: **5~95℃**
Ingress Protection: **IP20**
Materials: **PC + ABS**
Wireless Frequency: **433MHz(Bidirectional FSK)**
Transmission Distance: **200 meters (Open environment)**
Built-in Sensor: **NTC, B=3380, R25=10KΩ±1%**
Safety Certification: **CE, RoHS**

Dimensions & Installation:

Thermostat

Model: T9W

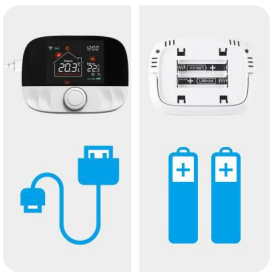
Dimensions(W×H×D): **118 × 86 × 24 mm**
Installation: **Desktop Design for Flexible Placement**

Receiver

Model: RC5Plus

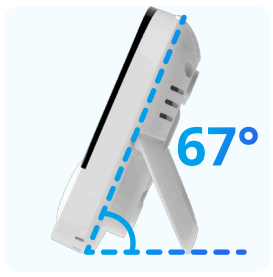
Dimensions(W×H×D): **86 × 86 × 26 mm**
Installation: **Wall-Mounted, Standard 86-Type Panel, Hole Spacing 60mm**

Features



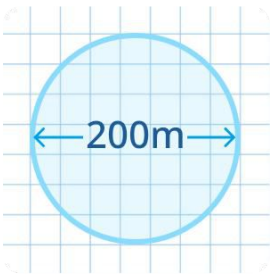
USB & Battery Dual Power

Flexible dual power options for convenience



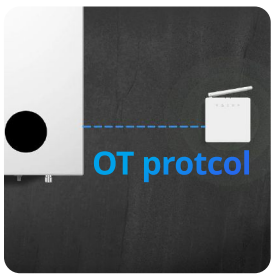
Portable Stand

Easily movable and positionable with a sturdy stand



RF 433 Stable Transmission

Reliable RF transmission with a range of up to 200 meters in open areas



OpenTherm Protocol

Supports OpenTherm protocol for efficient heating control

Weekly Programming
Various Form Factors
Remote Control
Localized Control
Dual-Temp. Display
Real-Time Weather
Antifreezing Function
Child-lock Function
Power-off Memory
Display Brightness

T9W - Front

T9W - Back

Works with Apple Home
works with Google Home
works with alexa
works with Yandex Alice
works with Smart Life
tuya
matter
zigbee
Bluetooth
Wi Fi

Underfloor Heating

Wireless Gas Boiler Control

Many-to-One Configuration

One Receiver controls Multiple Thermostats for easy and efficient home heating management.

Socket Receiver

Powerful and compact design, seamlessly installed, saving valuable outlet space!

Gas Boiler Heating Control

ID Choices

Thermostat

T5

T6

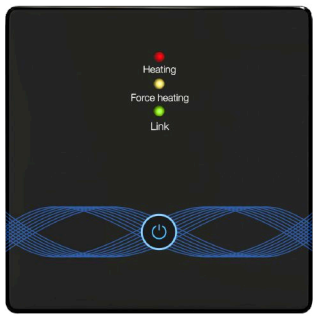
T7

T8

T9

Receiver

RC5P



RC9P

TP3-BL

More product information

Please scan the QR code or visit the website:

https://go.rti-tek.org/RF433

Rti-Tek

Smart Thermostatic Radiator Valves

This smart thermostatic radiator valve is designed to efficiently controls the heating process of radiators, ensuring optimal comfort and energy savings.

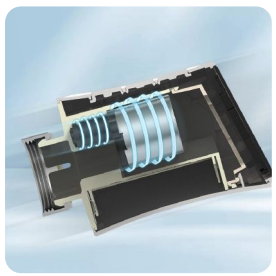
Specifications

Power Supply: **3 x 1 .5 V alkaline AA batteries**
Display Accuracy: **0.1℃**
Temperature Control Accuracy: **0.5℃**
Operation Temp. Range: **5℃~35℃**
Ingress Protection: **IP20**
Materials: **PC + ABS**
Sensor: **Built-in sensor or remote sensor**
Safety Certification: **CE, RoHS**
Valve Compatibility: **Fits M30×1.5 mm thread, compatible with Danfoss RA/ RAV/RAVL, Caleffi, Giacomini, M28 valves**

Model: TRV 706

Dimensions: **59.7 × 95.3 × 59.7 mm**

Features



High-Performance Motor

Powerful stepping motor delivers 80N thrust for precise temperature control

ON/OFF & PID Modes

Choose between ON/OFF and PID modes for precise temperature control and energy efficiency

Four Smart Modes

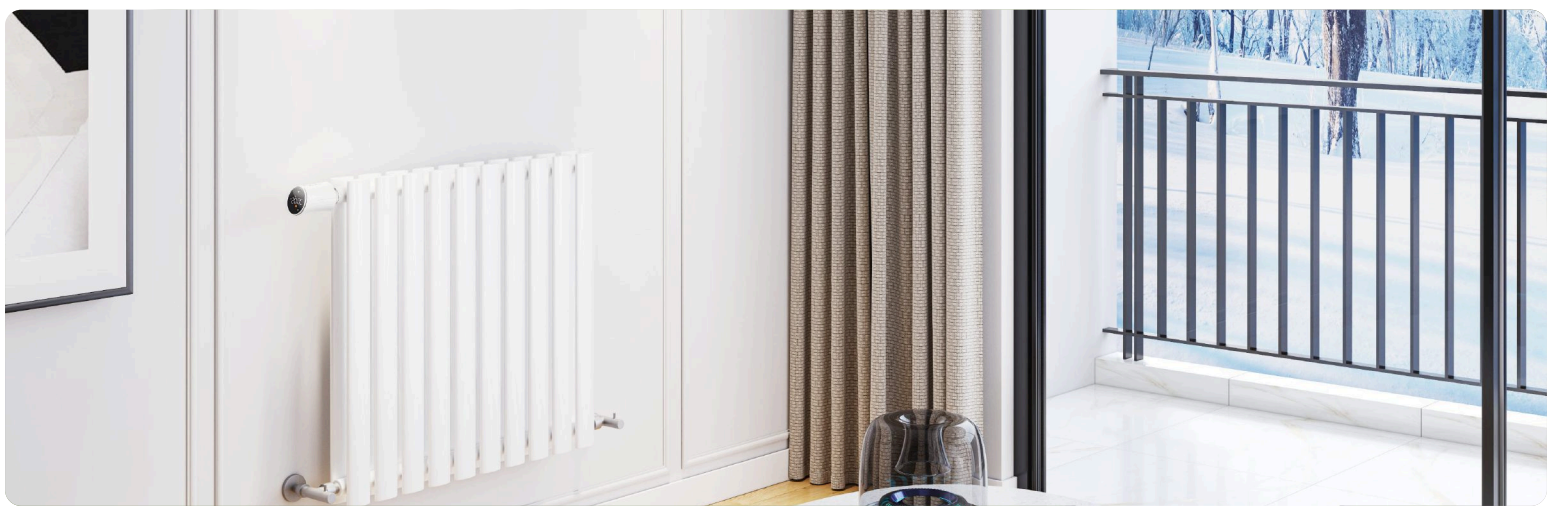
Comfort, Eco, Frost Protection, and Off modes-switch easily for year-round comfort

Easy Installation & Wide Compatibility

Fits M30×1.5 mm thread, compatible with Danfoss RA/RAV/RAVL, Caleffi, Giacomini, M28 valves-97% radiator valve compatibility

Weekly Programming
Automatic Control
Remote Control
Voice Control
Localized Control
Dual-Temp. Display

Low power consumption
Antifreezing Function
Child-lock Function
Power-off Memory
Silent Operation
Battery Powered



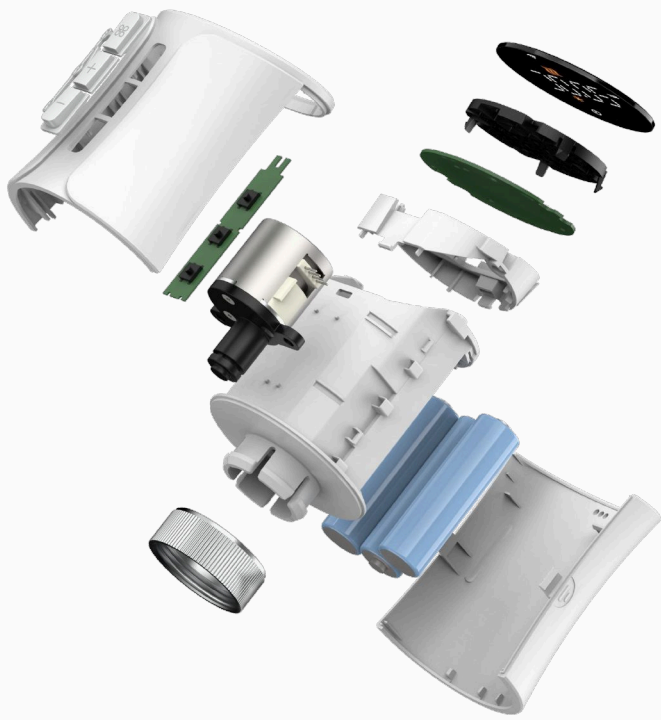
Works with Apple Home
works with Google Home
works with alexa
works with Yandex Alice
works with Smart Life

tuya
matter
zigbee
Bluetooth
Wi Fi

Radiator Heating Control

Design Innovation & Application Upgrade

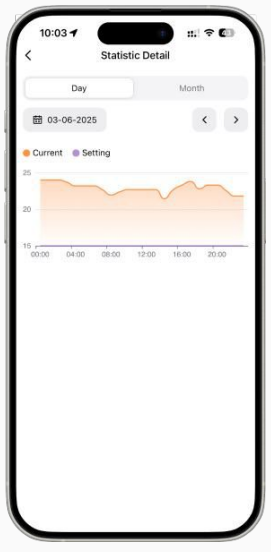
Product Structure



APP Smart Control

Various Modes

Weekly Programming



Statistical Table

Radiator Heating Control

ID Choices

TRV 601

TRV 602

TRV 701

TRV 702

TRV 705

TRV 706

TRV 801

TRV 802

TRV 901

More product information

Please scan the QR code or visit the website:
https://go.rti-tek.org/TRV

Smart Wireless Thermometer & Hygrometer

This smart temperature and humidity sensor monitors environmental conditions in real time and collaborates with other smart devices to improve energy efficiency and comfort at home.

Specifications

Power Supply: **3 x1.5V Alkaline AA batteries**
Display Accuracy: **0.1℃**
Temperature Control Accuracy: **0.5℃**
Temperature Control Range: **5~95℃**
Ingress Protection: **IP20**
Materials: **PC + ABS**
Sensor: **Built-in sensor**
External sensor: **NTC or Temperature & Humidity Probe**
Safety Certification: **CE, RoHS**

Dimensions(W×H×D): **68 × 68 × 22 mm**
Installation: **Wall mount & Desktop**

Smart Door & Window Sensors

This smart door and window sensor monitors the status of doors and windows in real time and works with other smart devices to create a secure and intelligent home environment.

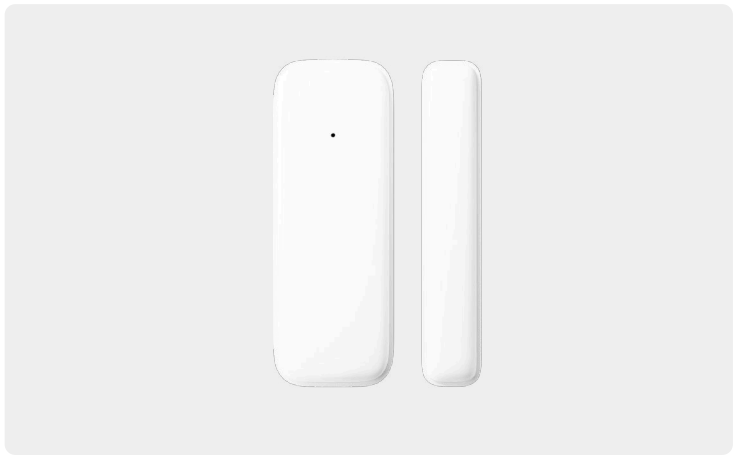
Specifications

Power Supply: **Battery Powered**
Sensor Technology: **Contact Sensor**
Installation: **Mount to door or window frame**

Features:

- Work with Tuya/Smart Life APP
- Illegal Open/Close Alarm
- Real-Time Monitor
- Instant Notification
- Versatile Uses
- Easy Setup

Dimensions(W×H×D):
28 × 77 × 18 mm
14 × 77 × 18 mm



Smart Socket Thermostats

This smart socket enables remote monitoring and control of non-smart heating and cooling devices, enhancing the intelligent management of household temperatures for various appliances.

Specifications

Power Supply: **AC100~240V; 50/60Hz**
Current Load: 16A
Power: **3680W**
Display Accuracy: **0.1℃**
Temperature Control Accuracy: **0.5℃**
Temperature Measurement Range: **-30~110℃**
Ingress Protection: **IP20（Thermostat）IP68（NTC）**
Materials: **PC + ABS**
Sensor: **NTC, B=3380, R25=10KΩ±1% (Waterproof)**
Safety Certification: **CE, RoHS**

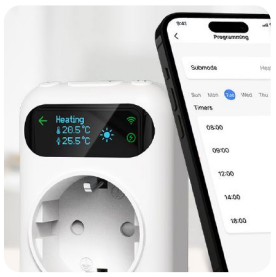
Model: TP5

Dimensions(W×H×D): **57 × 78 × 37.5 mm**
Installation: **Plug and play**
Plug Standard: **DIN VDE 0620-1**
Sensor Length: **5cm, 300cm**

Features

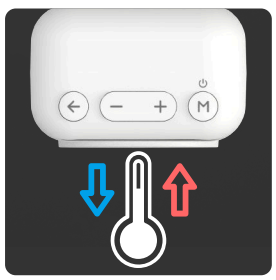
Heating & Cooling Control

One device, perfect comfort. Effortlessly switch between heating and cooling for year-round comfort



Weekly Programming

Set it and forget it. Automatically adjust temperatures based on your weekly routine



Timer & Countdown

Features cycle timer and countdown functions, auto power-off for safety.

High & Low Temp. Alert

Get notified when temperatures go beyond your set range. Stay safe and worry-free

Weekly Programming

Automatic Control

Remote Control

Voice Control

Localized Control

Dual-Temp. Display

Real-Time Weather

Antifreezing Function

Child-lock Function

Power-off Memory

Works with Apple Home

works with Google Home

works with alexa

works with Yandex Alice

works with Smart Life

tuya

matter

zigbee

Bluetooth

Wi Fi

Heating & Cooling Control

ID Choices

Thermostat

TP3

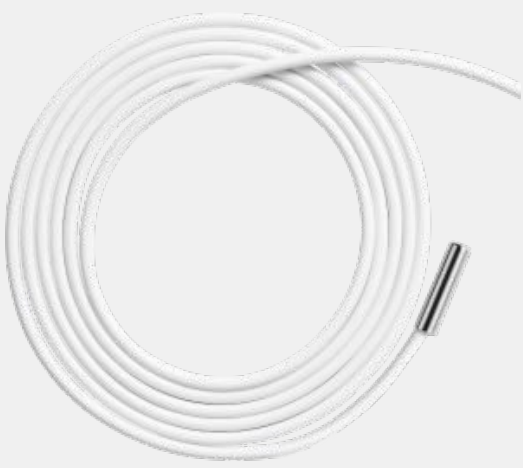
TP4

TP5

TP6

Linkage Control

NTC



Temperature-Humidity Sensors

More product information

Please scan the QR code or visit the website:

https://go.rti-tek.org/socket

Smart Water Timers

This smart irrigation timer provides precise automated watering, conserving water resources while ensuring healthy plant growth. A perfect choice for home gardening and outdoor use.

Specifications

Power Supply: **4 x AA (1.5V) Alkaline Batteries**
Operating Water Pressure: **0.03MPa - 0.9MPa (4.35 psi - 130.53 psi)**
Maximum Flow Rate: **35L/min**
Waterproof Rating: **IP65**
Water Inlet Connection: **Compatible with 3/4” Faucet Threads**
Water Outlet Connection: **Compatible with 3/4” Standard Garden Hose Threads**
Material: **PC + ABS**
Safety Certifications: **CE, RoHS, FCC**

Model: WT501

Dimensions(W×H×D):
118 × 86 × 24 mm

Model: WT601

Dimensions(W×H×D):
175 × 78 × 43.6 mm

Thread Options:

NH (USA): **3/4" NPT (National Pipe Thread)**
BSP (EU): **3/4" BSP (British Standard Pipe)**

Features

Weather Forecast

Real-time weather updates to help you adjust your watering schedule based on current conditions

Flow Statistics

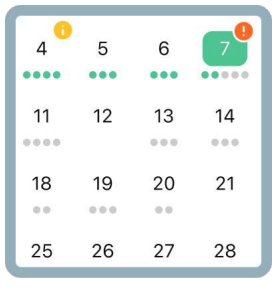
Monitor water flow to help you manage your water usage effectively (Only FM version)

Volume-Based Watering

Water according to plant needs, ensuring optimal irrigation with each application (Only FM version)

Rain Delay

Pause watering programs to avoid irrigation during rain, conserving water resources



Historical Records

Access past watering logs and water usage history for smarter water management

Watering Calendar

Smart watering calendar to easily view your upcoming watering schedule

Works with Apple Home · works with Google Home · works with alexa · works with Yandex Alice · works with Smart Life

tuya · matter · zigbee · Bluetooth · Wi Fi

WT501

WT601-Blue

WT601-Yellow

WT601-Black

More product information

Please scan the QR code or visit the website:

https://go.rti-tek.org/WT

Smart Zigbee & BLE Gateway / Hubs

Enables remote monitoring and control, supporting automated routines and real-time data exchange across connected devices for enhanced smart home management.

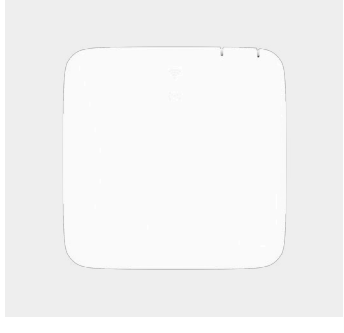
Specifications

Wireless Protocols: IEEE 802.15.4 (Zigbee), Wi-Fi 802.11b/g/n
System Requirements: Android 6.0 or above, iOS 11.0 or above

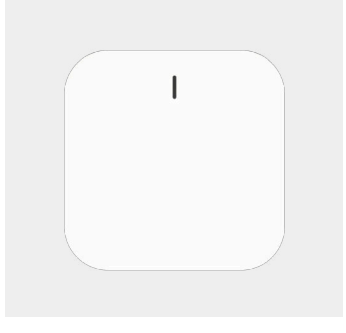
Wireless Range

Zigbee: Up to 160 meters (Open area)
BLE: Up to 50 meters (Open area)
Wi-Fi: Up to 100 meters (Open area)

Dimensions(W×H×D):
ZB2W-U01: 62 × 62 × 15.5 mm
ZB2W-G01: 56 × 56 × 23 mm



ZB2W-U01



ZB2W-G01

Smart HVAC Control Panel

This smart HVAC control panel serves as the core device for home temperature management, capable of monitoring temperature and heating in up to 8 rooms, making it ideal for complex living environments.

Specifications

Wireless Protocols: **IEEE 802.15.4 (Zigbee), Wi-Fi 802.11b/g/n**
System Requirements: **Android 6.0 or above, iOS 11.0 or above**

Wireless Range

Zigbee: **Up to 160 meters (open area)**
BLE: **Up to 50 meters (open area)**
Wi-Fi: **Up to 100 meters (open area)**
Voltage Range: **AC 100~240V; 50/60Hz**

Model: V9

Dimensions(W×H×D): **86 × 86 × 43 mm**

Smart Home
Energy Saving & Comfortability

Supports Matter standard, Wi-Fi, Zigbee, Bluetooth, and RF Remote Control, and compatible with leading smart home platforms like Amazon Alexa, Google Home, Apple HomeKit, and Smart Life.

Door & Window Contact Sensor

Automating your home and saving energy through intelligent motion detection.

Smart Thermostats

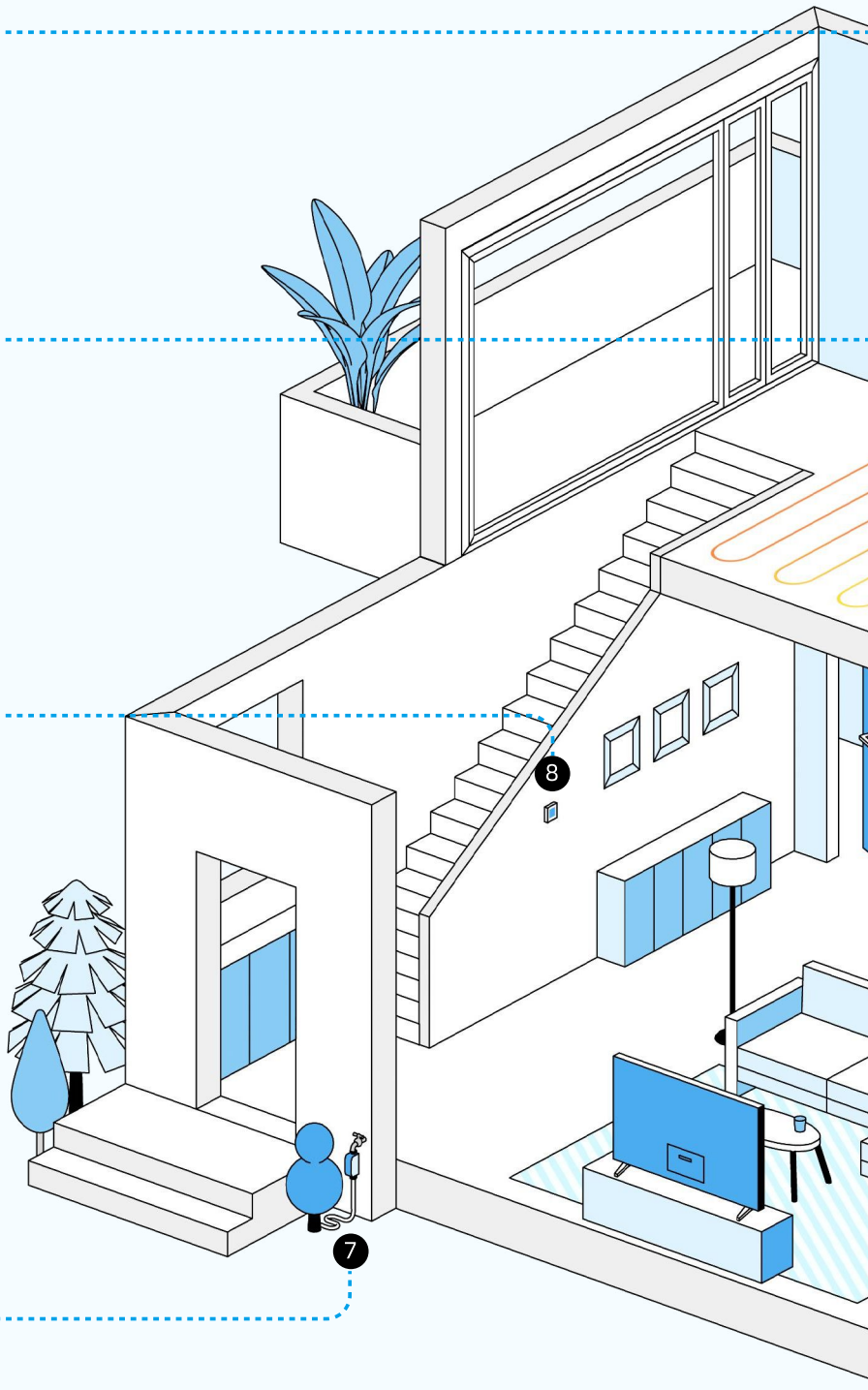
Vibrant color display, precise energy monitoring, external temperature sensing, and enhanced safety.

Smart Control Hub

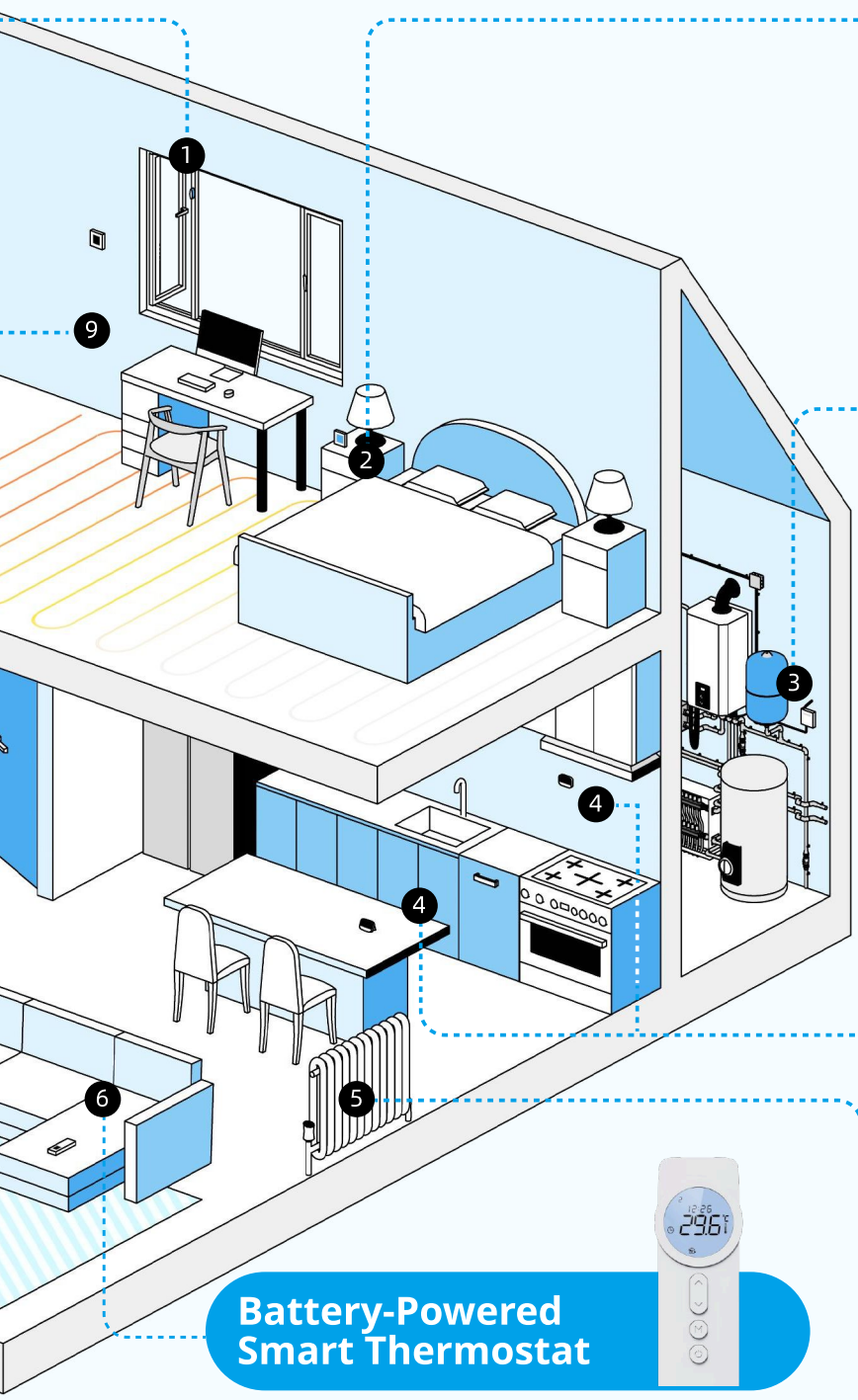
Centralized, local control for your entire home with an intuitive touchscreen interface.

Intelligent Water Irrigation Controller

Smart irrigation controller with remote control, customizable rules, and long battery life. IP65 waterproof.



- User-friendly
- Versatile
- Wireless Connectivity
- Easy-Installation
- Precise
- Attractive Design



Temperature and Humidity Sensor

Precise Temperature and Humidity Measurement, deeply Integrated with Energy Saving System

Boiler Controller

Offers both dry contact and OpenTherm compatibility for a wide range of boiler models.

Smart RF Thermost

Wall-mountable and free-standing design, powered by an RF Remote Control for reliable, long-range temperature control.

Battery-Powered Smart Thermostat

Portable smart thermostat for flexible temperature control - place it anywhere you want.

Smart TRV

Intelligent Heating Control with PID Algorithm and Multi-Sensor Integration.

Smart Thermostats for Underfloor Heating

Thermostats Classic Series

Suitable for:
Underfloor heating（Electric / Water /Gas boiler heating）

Support:
Weekly programming

Current load:
16A (For electric heating) / 3A (For water heating and gas boiler heating)

Power supply options:
AC100~240V; 50/60Hz

Power consumption:
1W Max

Temperature setting accuracy:
0.5℃

Temperature setting range:
5~95℃

Installation:
Wall mounted

Sensor:
NTC, B=3380, R25=10KΩ±1%
(External NTC optional)

Gas boiler Control:
Dry contact control (Default)
Active control

Dimensions (W x H x D):
86 x 90 x 43 mm (Reference)

R1M

R3M

R5M

R9M

R53M

Thermostats Wi-Fi Series

Suitable for:
Underfloor heating（electric / water /gas boiler heating）

Support:
Weekly programming

Current load:
16A (For electric heating) / 3A (For water heating and gas boiler heating)

Power supply options:
AC100~240V; 50/60Hz

Power consumption:
1W Max

Temperature setting accuracy:
0.5℃

Temperature setting range:
5~95℃

Installation:
Wall mounted

Sensor:
NTC, B=3380, R25=10KΩ±1%
(External NTC optional)

Gas boiler Control:
Dry contact control (Default)
Active control

Dimensions (W x H x D):
86 x 90 x 43 mm (Reference)

R3W

R5W

R53W

R6W

R7W

R7C

R8C

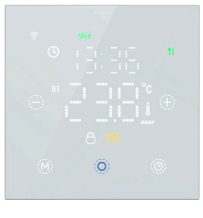
R8W

R9MW

R9W-Black

R9W-White

V8W



V8-White

V4W -White

V4W-Black

Wi-Fi Thermostats Battery Powered Series

Suitable for:
Underfloor heating（Electric / Water /Gas boiler heating）

Support:
Weekly programming

Power supply options:
3 x 1.5V alkaline AA battery
2 x 1.5V alkaline AA battery (Optional)

Gas boiler Control:
Dry Contact/ OpenTherm (optional)

Power supply options:
AC100~240V; 50/60Hz

Power consumption:
1W Max

Temperature setting accuracy:
0.5℃

Temperature setting range:
5~95℃

Installation:
Wall mounted
Sensor: NTC, B=3380, R25=10KΩ±1%
(External NTC optional)

Gas boiler Control:
Dry Contact

Dimensions (W x H x D):
86 x 90 x 43 mm (Reference)

V3B

V8B

V9B

T5

Smart Thermostats for Fan Coil Unit Control

Suitable for:

- Central air conditioning /fan coil units
- Supports cooling/heating (2-pipe)
- Cooling & heating (4-pipe)
- Underfloor heating & air conditioning(2-pipe)

Features 3-speed fan settings:
High, Medium, Low, and Auto

Power supply options:
AC100~240V; 50/60Hz

Current load:
3A

Setpoint range:
5 to 35°C (Default)

Accuracy:
0.5°C

Control:
Remote control

Installation:
Wall mounted

Weekly programming:
Optional

RS485/Modbus communication:
Optional

Room card function:
Optional

Dimensions (W x H x D):
86 x 90 x 43 mm (Reference)

R3W

R7C

R8C

R9W

Smart RF433 Thermostat Kits for Gas Boiler Heating

Wireless thermostat set Suitable for:
Underfloor heating /gas boiler heating

Support:
Weekly programming

Wireless Frequency:
433MHz(Bidirectional FSK)

Power Supply:
Thermostat: 5V USB(Type-C)
& 3*1.5V Alkaline AA batteries;

Receiver: AC100~240V ; 50/60Hz ;
(Reference)

Temperature setting accuracy:
0.5℃

Temperature setting range:
5~95℃

Control:
Remote control

Installation:
Wall mounted (Surface)

Gas boiler Control:
Dry Contact/ OpenTherm (Optional)

Transmission Distance:
200 meters (Open environment)

Built-in Sensor:
NTC, B=3380, R25=10KΩ±1%

Thermostat Size:
86 × 86 × 24 mm (Reference)

Receiver Size:
86 × 86 × 26 mm

Thermostat

T6

T7

T8

T9

T2G

Receiver

RC5P

TP3-BL

RC9P

Smart Socket Thermostats for Heating & Cooling

Suitable for:
Electric heating & cooling

Support:
- Weekly programming
- Timer & Countdown
- High & Low Temp. Alert

Current load:
16A

Power supply options:
AC100~240V; 50/60Hz

Power :
3680W

Temperature setting accuracy:
0.5℃

Temperature Measurement Range:
-30~110℃

Control:
Buttons, App remote control

Ingress Protection:
IP20（Thermostat）
IP68（NTC）

Sensor:
NTC, B=3380, R25=10KΩ±1%
(Waterproof)

Plug Standard:
DIN VDE 0620-1

Sensor Length:
5cm, 300cm

Dimensions(W×H×D):
57 × 78 × 37.5 mm (Reference)

TP3

TP4

TP5

TP6

Smart Thermostatic Radiator Valves for Radiator Heating

Suitable for:
Radiator heating

Support:
- Weekly programming daily settable
- Comfort, Eco, Frost Protection, and Off Modes
- ON/OFF & PID system modes
- Open window function

Power supply options:
3 x 1 .5 V alkaline AA batteries

Temperature setting accuracy:
0.5℃

Operation Temp. Range:
5℃~35℃

Control:
Buttons, Knob, App Remote control

Sensor:
NTC, B=3380, R25=10KΩ±1%

Valve Compatibility:
Fits M30×1.5 mm thread, compatible with Danfoss RA/RAV/RAVL, Caleffi, Giacomini, M28 valves

601

602

603

701

702

705

706

802

801

901

Timer Controller for Electric Heated Towel Rack

Model:
TR3/TR1

Dimensions(W×D×H):
64.8mm*24mm*30mm

Power supply:
AC100~240V; 50/60Hz

Power Consumption:
300W Max

Timing Function:
2H/4H/6H

Power Gear:
High / Medium / Low

Features:

- Scientific management of the use of time, 3 heating modes can be selected, energy saving and power saving.
- Bathroom artifacts, drying towels, dehumidification and antibacterial.
- Easy installation, no helper, you can do the installation yourself.

TR1-30B

TR1-30S

TR1-30W

TR3-30B

TR3-30S

TR3-30W

Central Heating Hub Controllers

Product Name:
Wireless floor heating junction box multi-function controller

Model:
WBG833

Power Supply:
AC100~240V; 50/60Hz

Current Load:
10A Max

Storage Temp.:
-20℃~70℃

Linkage Delay Time:
5min / 3min / 0min

Heating Control:
ALL OFF / AUTO / ALL ON

Wireless Frequency:
433MHz (Bidirectional FSK)

Transmission Distance:
200 meters (Open environment)

Dimensions(W×D×H):
280 × 110 × 40mm

Features:

- Centralized control of 8 sub-controllers, visual interface, convenient and intuitive.
- Can be systematically overridden to control zone valves or boiler thermostats.
- Simple installation and operation, effortless comfort and energy saving.

WBN833

WBG833

Fil Pilote Thermostats

Product Name:
Pilot Wire Thermostat

Model:
RP5W / RP5Z (-PM)

Control:
Buttons, App

Power Supply:
AC100~240V; 50/60Hz

Radio frequency rang:
2.400GHz ~ 2.483GHz

Operating Temp.:
0℃ to 50℃, indoor use only

Storage Temp.:
-20℃~70℃

Temperature sensor:
NTC, B=3380, R25=10KΩ±1%

Compatibility:
Compatible with all Class II electric radiators equipped with Pilot Wire technology

Dimensions(W×D×H):
86 × 86 × 26 mm

RP5Z RP6W RP5W RP5W-PM RP6Z

Rti-Tek

Professional Smart Energy Saving Solution Provider with
ODM and OEM Services for HVAC Systems

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