SASWELL

www.saswell.com

SHENZHEN SASWELL TECHNOLOGY INC.

Add: Room 1601-1602,Floor 16,Building 4,Tianan Cloud Park, Longgang District,Shenzhen, China

Tel: +86-755-28906113   Mail: info@saswell.com

Heating Thermostat

Energy-saving | Smart control | Eco-friendly | User-friendly interface

20+ years

HVAC product customization development experience

Founded in 2003, SASWELL is dedicated to providing cutting-edge climate control solutions, specializing in the development, manufacturing, and sales of thermostats and related smart home products. Our solutions are designed to deliver exceptional comfort, optimized energy savings, and intuitive control, including voice-activated thermostat functionality. Recognized for our rapid R&D, efficient production timelines, and outstanding cost-effectiveness, SASWELL has built a solid reputation within the industry.

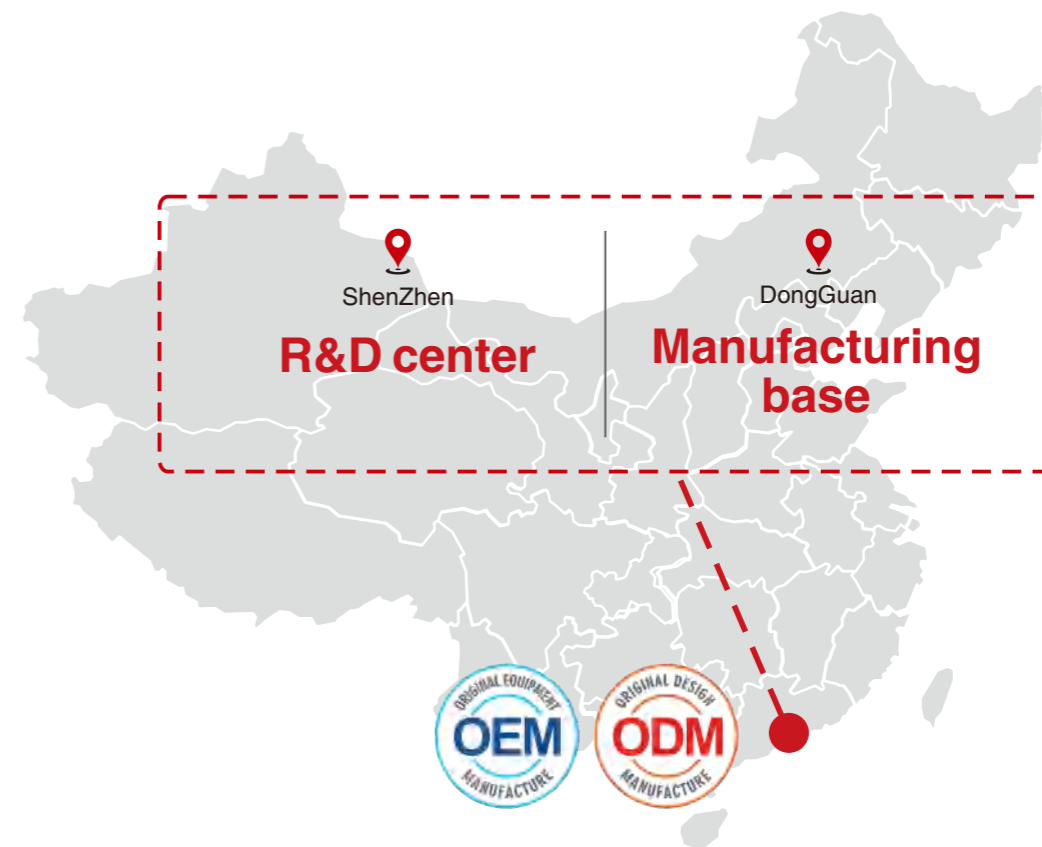## Qualification and certification

FC

RoHS

REACH

TÜV

BSCI

ISO
ISO9001

ISO
ISO14001

ISO
ISO45001

SASWELL

ShenZhen
R&D center

DongGuan
Manufacturing base

OEM
ORIGINAL EQUIPMENT MANUFACTURE

ODM
ORIGINAL DESIGN MANUFACTURE

Communication Protocol

ZigBee · Bluetooth · Z-WAVE · NFC · LoRa · KNX · RS485

matter · WiFi · SubGHz · THREAD · NB-IoT · OpenTherm · Over the Air

SIMPLE & SAVING WORK WELL

CONTENTS

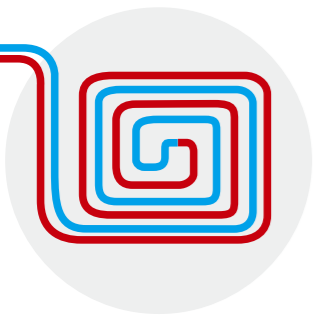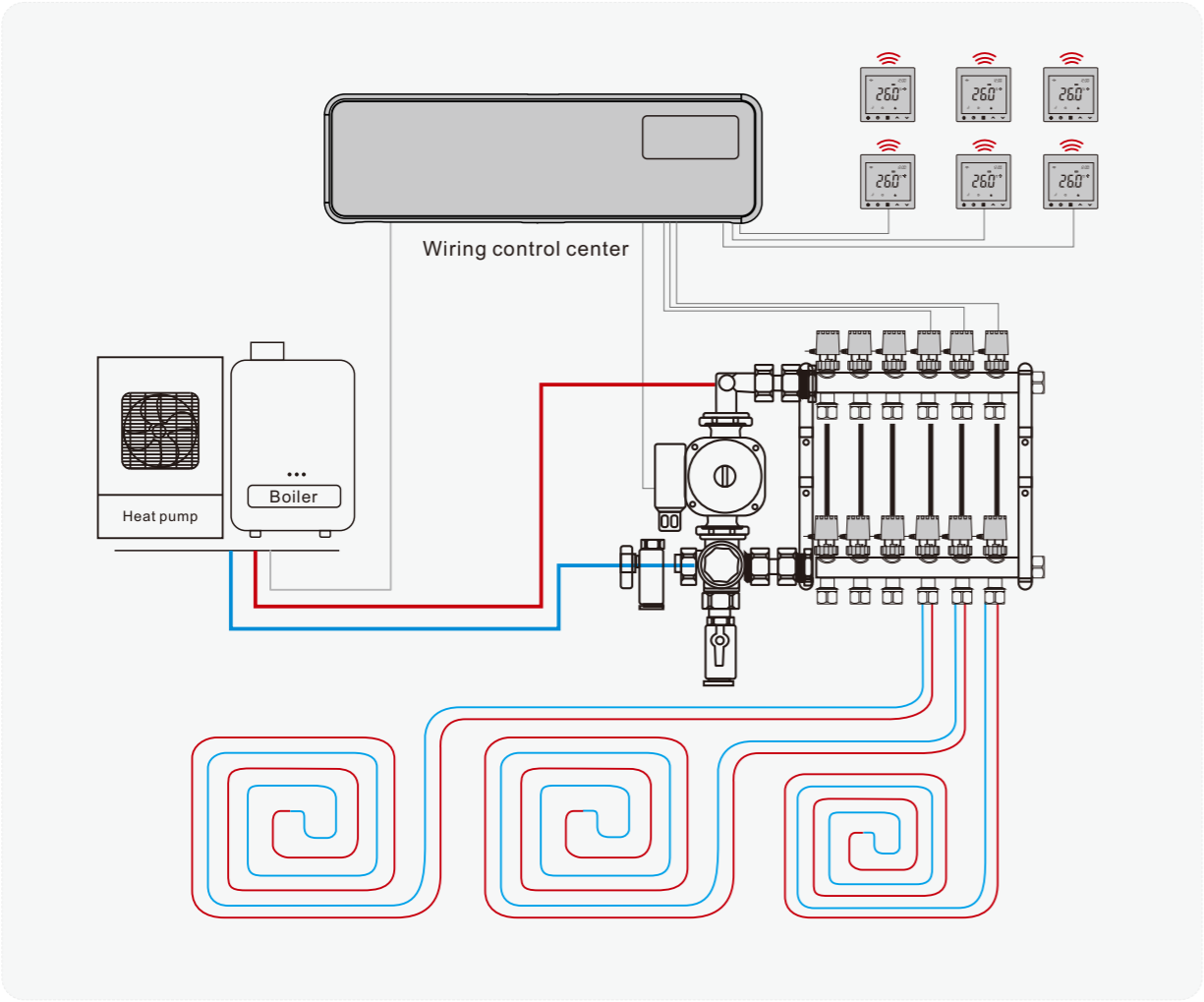# WATER FLOOR
HEATING THERMOSTAT
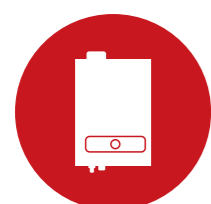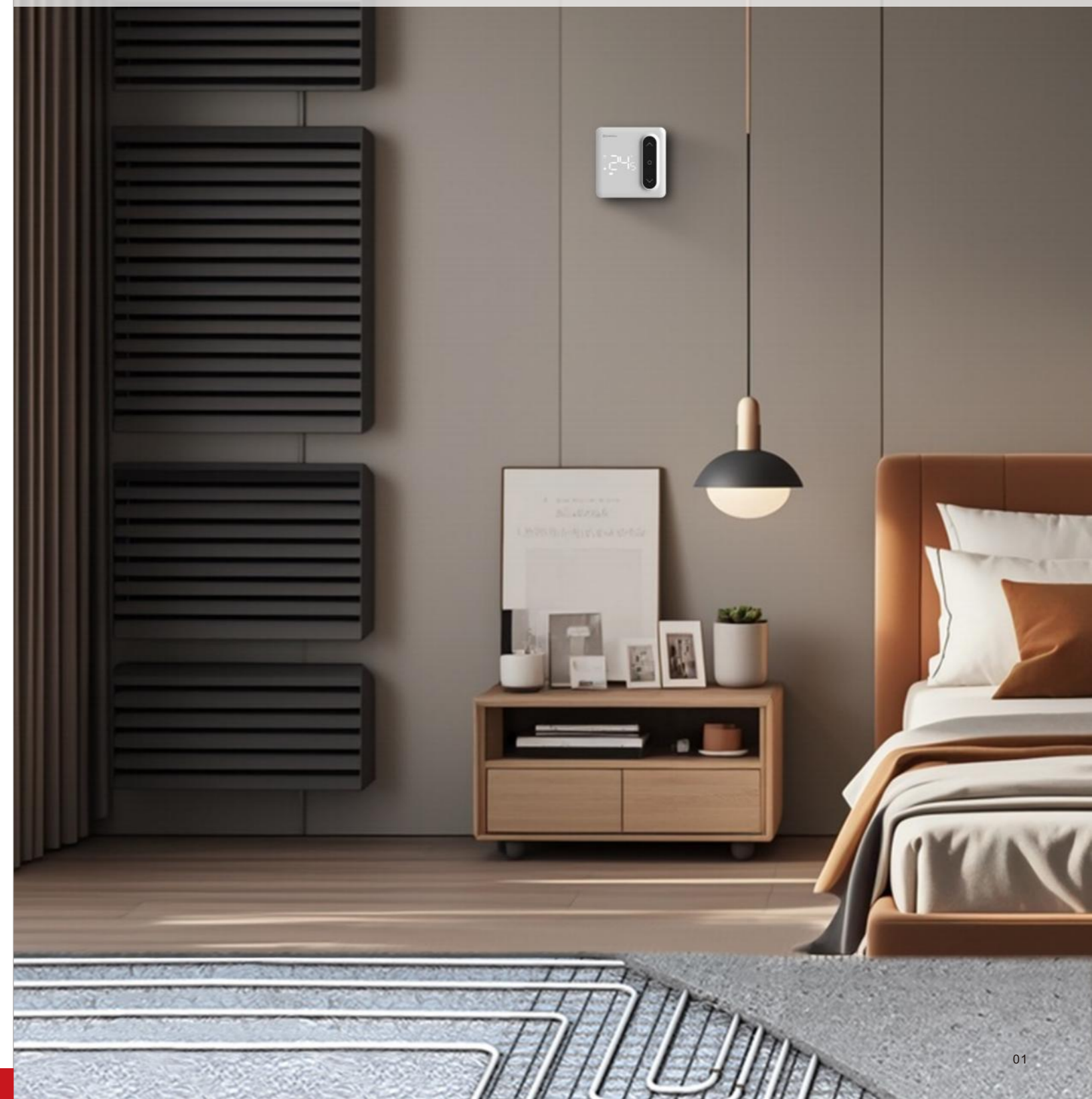
The water heating thermostats can work with wired/wireless control centers, which control the valve actuators, heat pump, Mixing valves and boilers.

Operating principle

Wiring control center

Heat pump

Boiler

SAS936WCH-XT-WIFI(TY)

works with Hey Google | works with alexa | works with tuya | ZigBee 2.0 | Radio Frequency

Wireless UFH control kit

This kit is consist of Wireless thermostat, Wiring center and Gateway.

* Meet cooling control requirements of 95% common heat pump systems.
* Cover heating control requirements for boiler and floor heating systems.
* Flexible networking for single and multiple floors.
* Equipped with modbus protocol, can be integrated with BMS systems.
* Supports room-by-room temperature control.

Power supply (wiring center)	100~240VAC 50/60Hz
Power supply (thermostat)	2x1.5V AA batteries(LR6)
Setting temperature accuracy	0.5°C
Dimension(wiring control center)	298 x 88 x 66mm
Dimension(thermostat)	100 x 100 x 19mm

SAS931XWCH-XT-WIFI(TY)

works with Hey Google | works with alexa | works with tuya | Wi-Fi 2.4G

Low-voltage bus UFH control kit

This kit is consist of Master thermostat, Slave thermostat and Wiring center.

* Meet cooling control requirements of 95% common heat pump systems.
* 12V carrier communication technology, save wiring cost.
* Magnetic panel design, flexible disassembly.
* Only master control network can realize APP room temperature control.
* Cover heating control requirements of the water-floor heating system and boiler system.

Power supply (wiring center)	100~240VAC 50/60Hz
Power supply (thermostat)	DC12-18V (no polarity)
Setting temperature accuracy	0.5°C
Dimension(wiring control center)	298 x 88 x 66mm
Dimension(thermostat)	86 x 86 x 13mm

SAS931XWHL-XT-WIFI(TY)

works with Hey Google | works with alexa | works with tuya | Wi-Fi 2.4G

Underfloor heating control kit

This kit is consist of Master thermostat, Slave thermostat and Wiring center.

* 12V carrier communication technology, save wiring cost.
* Magnetic panel design, flexible disassembly.
* Covering the heating control requirements of the water-floor heating system and boiler system.
* Only the master control network can realize the APP room temperature control.

Power supply (wiring center)	100~240VAC 50/60Hz
Power supply (thermostat)	DC12-18V (no polarity)
Setting temperature accuracy	0.1°C
Dimension(wiring control center)	298 x 88 x 66mm
Dimension(thermostat)	86 x 86 x 13mm

Water Floor

Electric Floor

Boiler

TRV

SAS965WHL-7-WIFI(TY)

works with **Hey Google** | works with **alexa** | works with **tuya** | Wi-Fi 2.4G

Customizable UI wired thermostat

- High-resolution 480x480 IPS display.
- Full-Screen capacitive touch.
- Customizable UI.
- Fully programmable.
- Rigorous double 85 environmental testing.

Power supply	100~240VAC 50/60Hz
Rating max.	3(2)A
Setting temperature accuracy	0.5°C
Dimension	86 x 86 x 11.2mm

SAS922WHL-7W-S-WIFI(TY)

works with **Hey Google** | works with **alexa** | works with **tuya** | Wi-Fi 2.4G
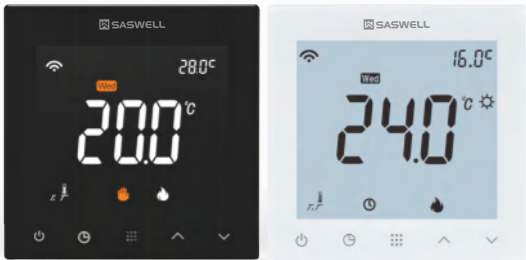
WIFI wired thermostat

- 4-inch high-definition display screen with touch buttons for easy operation.
- Large diameter terminal for easy wiring and connection.
- Fits domestic 86-type, UK, and EU round boxes.
- Support external sensors for precise temperature control.

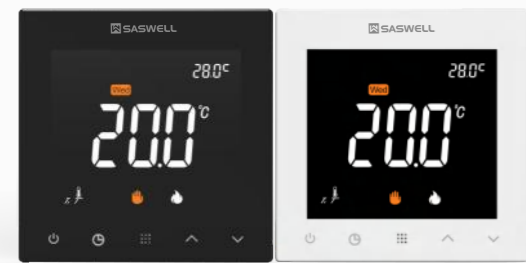|	
Power supply	100~240VAC 50/60Hz
Rating max.	3(2)A
Setting temperature accuracy	0.5°C
Dimension	86 x 86 x 13mm

SAS922WHL-7W-S

Touch key wired thermostat

- 4-inch high-definition display screen with touch buttons for easy operation
- Large diameter terminal for easy wiring and connection.
- Fits domestic 86-type, UK, and EU round boxes.
- Support external sensors for precise temperature control

Power supply	100~240VAC 50/60Hz
Rating max.	3(2)A
Setting temperature accuracy	0.5°C
Dimension	86 x 86 x 13mm

SAS920XWHL

Advanced functional wired thermostat

- 3-inch high-definition mechanical buttons, and user-friendly operation.
- Large diameter terminal for convenient wiring and connection.
- Fits domestic 86-type, UK, and EU round boxes.
- Support external sensors for precise temperature control.

Power supply	100~240VAC 50/60Hz
Rating max.	3(2)A
Setting temperature accuracy	0.5°C
Dimension	86 x 86 x 13mm

Model	Applications		Programmable	Transmission		Power Supply		Relay	External sensor	Link with boiler	Humidity	Communication	
	Heating	Cooling	7 days	Wired	Wireless	Battery	230V					WIFI	Modbus
SAS920XWHL-7	●		●	●			●	●					
SAS920XWHL-7W	●		●	●			●	●	●				
SAS920XWHL-7(P)-S	●		●	●		●		●					
SAS920XWHL-7RH-485	●		●	●			●			●			●
SAS920XWHL-7W-WIFI(TY)	●		●	●			●	●		●		●	
SAS920XRCH-7W-WIFI(TY)	●	●	●	●			●	●		●		●	

SAS816WHL-0

Mechanical knob thermostat

- Designed for ease of use, ideal for all age groups.
- Durable materials ensure long-lasting performance.
- Timeless design complements any interior style.
- Easy setup reduces installation time and costs.
- Simple design reduces the likelihood of technical issues.
- Minimized electronics for lower energy consumption.
- Intuitive dial operation with fast, precise response.

Power supply	100~240VAC 50/60Hz
Rating max.	3(2)A
Setting temperature accuracy	1°C
Dimension	86 x 86 x 32mm

WIRING CENTER

SCU210

Wiring center

5 independent control zones.

- Boiler-pump interlock with delay protection for safety.
- Each control zone with an indicator light, providing a clear status and facilitating inspection and troubleshooting.
- Easy DIN rail installation.

Power supply	100~240VAC 50/60Hz
Rating max.	10A
Dimension	160 x 110 x 35mm

SCU209

Wiring center

8 independent control zones.

- Indicator lights for clear status and easy troubleshooting.
- Boiler-pump interlock with delay protection for safety.
- Easy DIN rail installation and maintaining.
- Compatible with conventional wired thermostats for water underfloor heating.

Power supply	100~240VAC 50/60Hz
Rating max.	10A
Dimension	280 x 110 x 40mm

Model	RF communication	Control zones		Timer function	Work with thermostats	
		5 zone	8 zone			
SCU210		●			SAS816WHL-0 SAS920XWHL-7 SAS920XWHL-7RH-485 SAS920XWHL-7W-WIFI(TY) SAS920XRCH-7W-WIFI(TY)	SAS920XWHL-7(P)-S SAS920XWHL-7W SAS922WHL-7W-S SAS922WHL-7W-S-WIFI(TY) SAS965WHL-7-WIFI(TY)
SCU209-LED			●			
SCU209-LED -(TM1)		●	●			
SCU210DE	●	●			SAS816WHB-0-DF SAS920XWHB-7-S-DF T19XWHB-7-DF	SAS908XWHB-7-DF SAS918WHB-0-DF
SCU209DE	●		●			

THERMAL ACTUATOR

SA905-T

Auto balancing actuator

- Automatic hydraulic balancing: △T algorithm ensures proper balance and control of each circuit.
- Faster response: stepper motor replaces wax core for quicker temperature adjustments.
- Comfort & energy efficiency: maintains a comfortable and energy-efficient floor temperature over time.

Power supply	100~240VAC 50/60Hz
Power consumption	≤2W
Stroke	≥3mm
Force	80N~130N
Screw thread	M30 × 1.5mm

SA95X

Thermal actuator

- High quality wax element.
- Simple open and close indication.
- Universal M30 x 1.5mm screw thread.

Power supply	100~240VAC 50/60Hz
Power consumption	2W
Stroke	≥4.5±0.5mm
Force	130N>F≥80N
Screw thread	M30 × 1.5mm

SA93

Thermal actuator

- Visualization of operating status.
- Simple open and close indication.
- High quality wax element.
- Universal M30 x 1.5mm screw thread.

|	
Power supply	100~240VAC 50/60Hz
Power consumption	2W
Stroke	≥4.5±0.5mm
Force	130N>F≥80N
Screw thread	M30 × 1.5mm

SA91

Thermal actuator

- Simple open and close indication.
- Universal M30 x 1.5mm screw thread.
- High quality wax element.

Power supply	100~240VAC 50/60Hz
Power consumption	2W
Stroke	≥3±0.5mm
Force	130N>F≥80N
Screw thread	M30 × 1.5mm

Water Floor

Electric Floor

Boiler

TRV

ELECTRIC FLOOR
HEATING THERMOSTAT
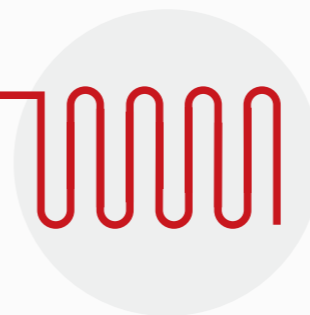
Electric underfloor heating thermostat involves heating cables with a maximum surface working temperature of 65°C into the floor. The heating cables serve as the heat source to warm floor, while a thermostat controls the room or floor temperature, providing floor radiation heating.

Operating principle
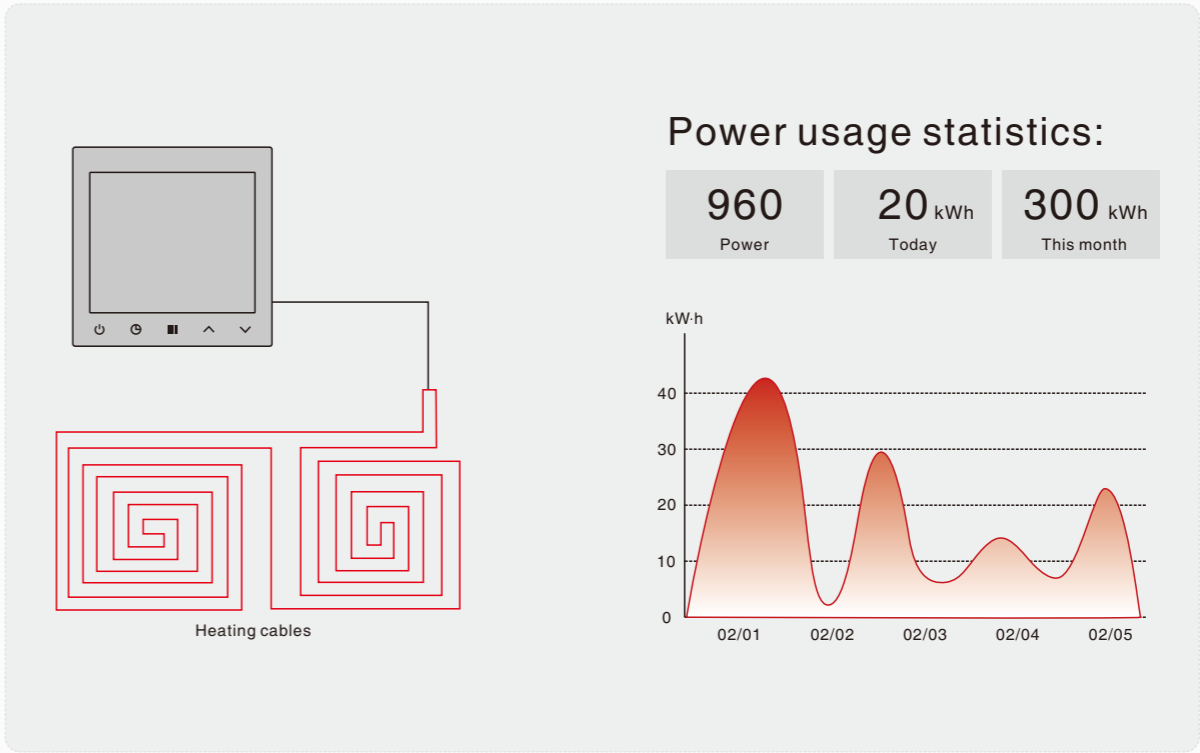
Heating cables

Power usage statistics:

960	20 kWh	300 kWh
Power	Today	This month

kW·h

40

30

20

10

0

02/01   02/02   02/03   02/04   02/05

SAS965FHL-7-WIFI(TY)

| works with Hey Google | works with alexa | works with tuya | Wi-Fi 2.4G |

Energy-monitoring touch screen thermostat

- High-resolution 480x480 IPS display.
- Full-Screen capacitive touch.
- Customizable UI.
- Fully programmable.
- Rigorous double 85 environmental testing.
- Energy consumption overview.

Power supply	100~240VAC 50/60Hz
Rating max.	16A
Setting temperature accuracy	0.5°C
Dimension	86 x 86 x 11.2mm

SAS922FHL-7-WIFI(TY)

| works with Hey Google | works with alexa | works with tuya | Wi-Fi 2.4G |

■ Black □ White

WIFI electric heating thermostat

- Compatible with 99% of electric mat systems.
- 4-inch HD display with touch controls for easy operation.
- Large terminal connectors, easy and simple wiring.
- Fits domestic 86-type, UK, and EU round boxes.
- Supports external sensors for precise temperature control.

Power supply	100~240VAC 50/60Hz
Rating max.	16A
Setting temperature accuracy	0.5°C
Dimension	86 x 86 x 13mm

SAS922FHL-7

■ Black □ White
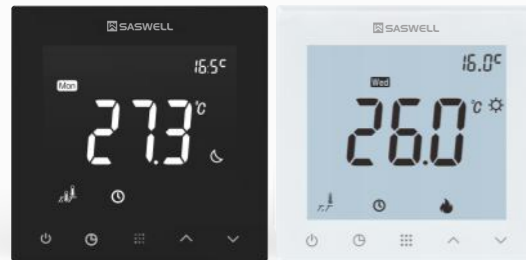
Touch control thermostat

- Compatible with 99% of electric mat systems.
- 4-inch HD display with touch controls for easy operation.
- Large terminal connectors, easy and simple wiring.
- Fits domestic 86-type, UK, and EU round boxes.
- Supports external sensors for precise temperature control.

Power supply	100~240VAC 50/60Hz
Rating max.	16A
Setting temperature accuracy	0.5°C
Dimension	86 x 86 x 13mm

SAS2024FHL-ZT5

| works with Hey Google | works with alexa | works with tuya | ZigBee 2.0 |

Electric radiator thermostat

- Meets the three types of electric radiators on the market.
- Rapid heating and fast warming, save waiting time.
- Power real-time monitoring to detect unnecessary energy waste.
- 6 adjustment modes to meet comfort needs.
- Easily make old products intelligent, reduce replacement costs.
- FP communication technology.

Power supply	100~240VAC 50/60Hz
Rating max.	16A
Setting temperature accuracy	0.5°C
Dimension	86 x 86 x 25mm

SAS920FHL-7-WIFI(TY)

| works with Hey Google | works with alexa | works with tuya | Wi-Fi 2.4G |

WIFI electric heating thermostat

- Compatible with 99% of electric mat systems.
- 3-inch HD display with touch controls for easy operation.
- Large terminal connectors, easy and simple wiring.
- Fits domestic 86-type, UK, and EU round boxes.
- Supports external sensors for precise temperature control.

Power supply	100~240VAC 50/60Hz
Rating max.	16A
Setting temperature accuracy	0.5°C
Dimension	86 x 86 x 13mm

SAS920FHL-7

Programmable electric heating thermostat

- Compatible with 99% of electric mat systems.
- 3-inch HD display with touch controls for easy operation.
- Large terminal connectors, easy and simple wiring.
- Fits domestic 86-type, UK, and EU round boxes.
- Supports external sensors for precise temperature control.

Power supply	100~240VAC 50/60Hz
Rating max.	16A
Setting temperature accuracy	0.5°C
Dimension	86 x 86 x 13mm

Water Floor

Electric Floor

Boiler

TRV

ELECTRIC FLOOR HEATING THERMOSTAT

T70-7

Electric floor heating thermostat

◆ Works with 99% of electric mat systems.

◆ Matches schneider, OJ, and legrand frames.

◆ Fits 86-type, UK, and EU boxes.

◆ Supports external sensors for accuracy.

Power supply	100~240VAC 50/60Hz
Rating max.	16A
Setting temperature accuracy	0.5°C
Dimension	82 x 82 x 23mm

T38FHL-7

ECO electric floor heating thermostat

◆ Works with 99% of electric mat systems.

◆ Matches Schneider, OJ, and Legrand frames.

◆ Fits 86-type, UK, and EU boxes.

◆ With window detection for added flexibility.

◆ Supports external sensors for accuracy.

Power supply	100~240VAC 50/60Hz
Rating max.	16A
Setting temperature accuracy	0.5°C
Dimension	86 x 86 x 26.5mm

SAS816FHL-0

Mechanical knob thermostat

◆ Designed for ease of use, ideal for all age groups.

◆ Durable materials ensure long-lasting performance.

◆ Timeless design complements any interior style.

◆ Easy setup reduces installation time and costs.

◆ Simple design reduces the likelihood of technical issues.

◆ Minimized electronics for lower energy consumption.

◆ Intuitive dial operation with fast, precise response.

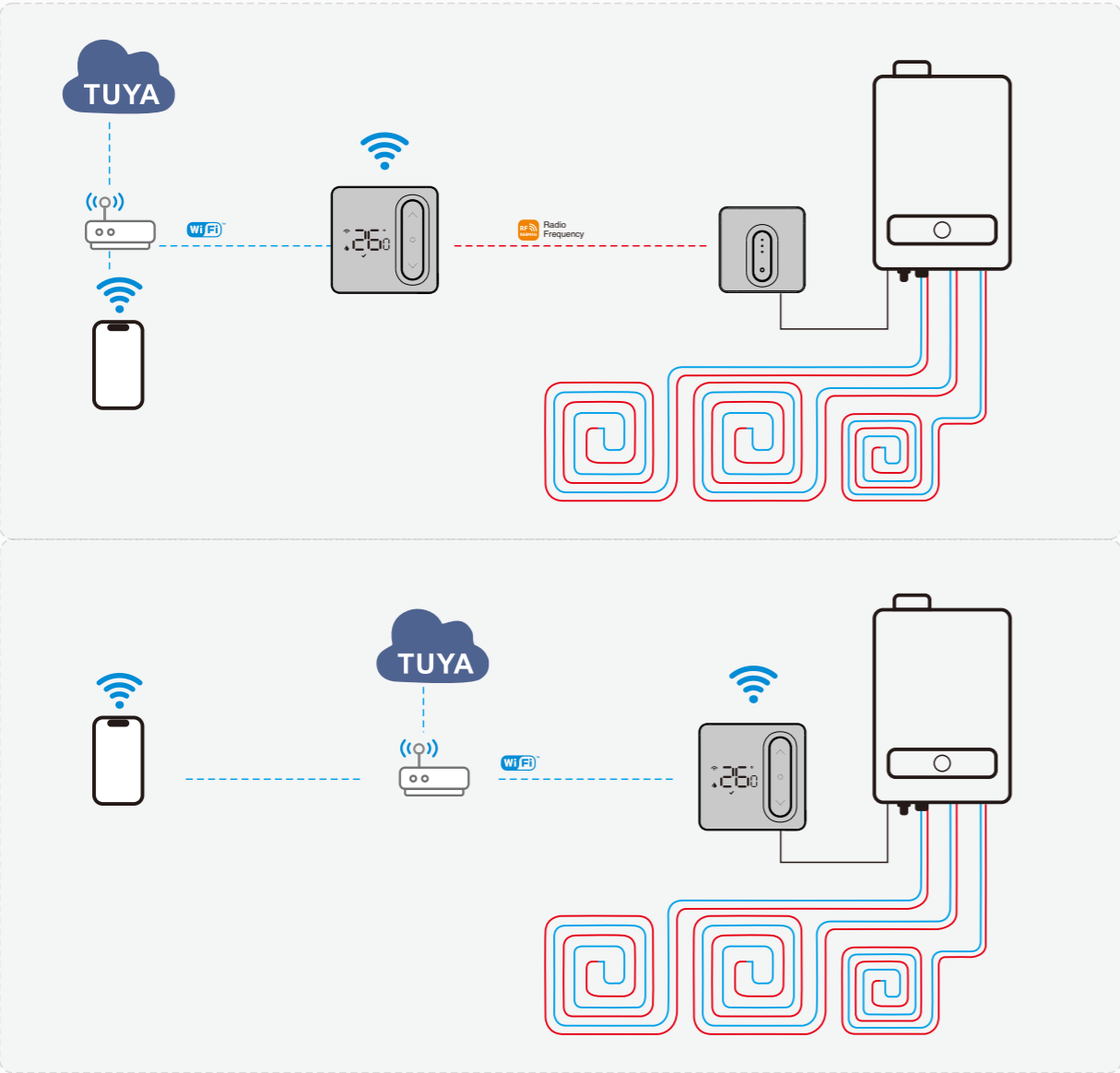| Power supply	100~240VAC 50/60Hz
Rating max.	16A
Setting temperature accuracy	1°C
Dimension	86 x 86 x 32mm

BOILER CONTROL
HEATING THERMOSTAT

The boiler control heating thermostat can be used with electric, gas or oil heating control system.

Operating principle

BOILER CONTROL HEATING THERMOSTAT

SAS936WHB-7-RF-APP(TY)

works with **Hey Google** | works with **alexa** | works with **tuya** | Wi-Fi 2.4G | Radio Frequency

Receiver   Thermostat

Wireless boiler thermostat

◆ RF communication for smart home compatibility.
◆ Compatible with 99% of boiler systems.
◆ Remote control for better energy efficiency and comfort.
◆ Wireless communication simplifies installation and integration.
◆ Durable and reliable for long-term use.
◆ LED technology offers clear visibility even in low-light environments.

Power supply (thermostat)	2x1.5V AA batteries (LR6)
Power supply (receiver)	100~240VAC 50/60Hz
Rating max.	8(5)A
Setting temperature accuracy	0.5°C
Dimension (thermostat)	100 x 100 x 19mm
Dimension (receiver)	86 x 86 x 28.5mm

SAS936WHB-7-RFZ

works with **Hey Google** | works with **alexa** | works with **tuya** | ZigBee 2.0

Receiver   Thermostat

Zigbee wireless boiler thermostat

◆ Zigbee communication for smart home compatibility.
◆ Compatible with 99% of boiler systems.
◆ Wireless communication simplifies installation and integration.
◆ Apple white design for a clean, modern look.
◆ Remote control for better energy efficiency and comfort.
◆ LED technology offers clear visibility even in low-light environments.

Power supply (thermostat)	2x1.5V AA batteries (LR6)
Power supply (receiver)	100~240VAC 50/60Hz
Rating max.	8(5)A
Setting temperature accuracy	0.5°C
Dimension (thermostat)	100 x 100 x 19mm
Dimension (receiver)	86 x 86 x 28.5mm

T19XWHB-7-RF-APP(TY)

works with **Hey Google** | works with **alexa** | works with **tuya** | Wi-Fi 2.4G | Radio Frequency

■ Black □ White

Receiver   Thermostat

Large screen WIFI and wireless thermostat

◆ Wireless for easy setup and integration.
◆ Visual alerts and notifications.
◆ Displays system alerts for maintenance or errors.
◆ Bigger display offers clearer temperature readings and easier control.
◆ Ideal for users who prefer larger fonts and clearer displays.
◆ Instant visibility of current and target temperatures.

Power supply (thermostat)	4x1.5V AAA alkaline batteries USB power supply (5V 1000mA)
Power supply (receiver)	100~240VAC 50/60Hz
Rating max.	10(6)A
Setting temperature accuracy	0.5°C
Dimension (thermostat)	124 x 88 x 24.4mm
Dimension (receiver)	86 x 86 x 24mm

Water Floor

Electric Floor

Boiler

TRV

T19XWHB-7-RF

Radio Frequency

■ Black □ White

Receiver   Thermostat

Wireless boiler thermostat

- Instant visibility of current and target temperatures.
- Easy navigation and control through the screen.
- Visual alerts and notifications.
- Displays system alerts for maintenance or errors.
- Bigger display offers clearer temperature readings and easier control.

Power supply (thermostat)	4x1.5V AAA alkaline batteries USB power supply (5V 1000mA)
Power supply (receiver)	100~240VAC 50/60Hz
Rating max.	10(6)A
Setting temperature accuracy	0.5°C
Dimension (thermostat)	124 x 88 x 24.4mm
Dimension (receiver)	86 x 86 x 24mm

SAS920XWHB-7-S-RF

Radio Frequency

Receiver   Thermostat

Wireless boiler thermostat

- Easy navigation and control through the screen.
- Visual alerts and notifications.
- Displays system alerts for maintenance or errors.
- Personalize display preferences like brightness or units.
- Wireless for easy setup and integration.
- Boiler plus adaptive function, know when you need heat to bring more comfortable life.

Power supply (thermostat)	2x1.5V AA batteries(LR6)
Power supply (receiver)	100~240VAC 50/60Hz
Rating max.	10(6)A
Setting temperature accuracy	0.5°C
Dimension (thermostat)	86 x 86 x 24.4mm
Dimension (receiver)	113 x 82 x 30mm

SAS918WHB-0-RF

Radio Frequency

Receiver   Thermostat

Wireless boiler thermostat

- Instant visibility of current and target temperatures.
- Easy navigation and control through the screen.
- Visual alerts and notifications.
- Displays system alerts for maintenance or errors.
- Personalize display preferences like brightness or units.
- Wireless for easy setup and integration.

Power supply (thermostat)	2x1.5V AA batteries(LR6)
Power supply (receiver)	100~240VAC 50/60Hz
Rating max.	10(6)A
Setting temperature accuracy	0.5°C
Dimension (thermostat)	85 x 75 x 23mm
Dimension (receiver)	113 x 82 x 30mm

## SAS908XWHB-7-RF

Radio Frequency

Receiver   Thermostat

Wireless boiler thermostat

- Instant visibility of current and target temperatures.
- Easy navigation and control through the screen.
- Visual alerts and notifications.
- Personalize display preferences like brightness or units.
- Displays system alerts for maintenance or errors.
- Wireless for easy setup and integration.

Power supply (thermostat)	2x1.5V AA batteries (LR6)
Power supply (receiver)	100~240VAC 50/60Hz
Rating max.	10(6)A
Setting temperature accuracy	0.5°C
Dimension (thermostat)	115 x 90 x 32mm
Dimension (receiver)	113 x 82 x 30mm

SAS816WHB-0-RF

Radio Frequency

Receiver   Thermostat
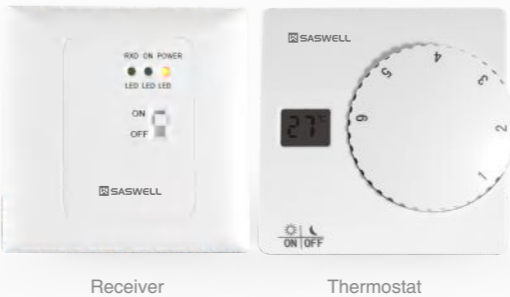
Mechanical knob wireless thermostat

- Designed for ease of use, ideal for all age groups.
- Durable materials ensure long-lasting performance.
- Easy setup reduces installation time and costs.
- Simple design reduces the likelihood of technical issues.
- Minimized electronics for lower energy consumption.
- Intuitive dial operation with fast, precise response.
- Wireless for easy setup and integration.

Power supply (thermostat)	2x1.5V AA batteries (LR6)
Power supply (receiver)	100~240VAC 50/60Hz
Rating max.	16A
Setting temperature accuracy	0.5°C
Dimension (thermostat)	86 x 86 x 32mm
Dimension (receiver)	87 x 87 x 16mm

T19XWHB-7

Large screen wired boiler thermostat

- Instant visibility of current and target temperatures.
- Easy navigation and control through the screen.
- Visual alerts and notifications.
- Displays system alerts for maintenance or errors.
- Bigger display offers clearer temperature readings and easier control.
- Ideal for users who prefer larger fonts and clearer displays.

Power supply	4x1.5V AAA batteries
Rating max.	8(5)A
Setting temperature accuracy	0.5°C
Dimension	124 x 88 x 24.4mm

Water Floor
Electric Floor
Boiler
TRV

BOILER CONTROL HEATING THERMOSTAT

SAS936WHB-7-ZT5

works with **Hey Google** | works with **alexa** | works with **tuya** | **ZigBee 2.0**

LED zigbee wired boiler thermostat

◆ Compatible with 99% of boiler systems.
◆ Remote control for better energy efficiency and comfort.
◆ Apple white design for a clean, modern look.
◆ Zigbee communication for smart home compatibility.
◆ Durable and reliable for long-term use.
◆ LED technology offers clear visibility even in low-light environments.

Power supply	2x1.5V AA batteries (LR6)
Rating max.	8(5)A
Setting temperature accuracy	0.5°C
Dimension	100 x 100 x 19mm

SAS908XWHB-7

Programmable wired boiler thermostat

◆ Instant visibility of current and target temperatures.
◆ Easy navigation and control through the screen.
◆ Visual alerts and notifications.
◆ Personalize display preferences like brightness or units.
◆ Displays system alerts for maintenance or errors.

Power supply	2x1.5V AA batteries (LR6)
Rating max.	8(5)A
Setting temperature accuracy	0.5°C
Dimension	115 x 90 x 32mm

SAS919WHB-0

Wired boiler thermostat

◆ Instant visibility of current and target temperatures.
◆ Easy navigation and control through the screen.
◆ Visual alerts and notifications.
◆ Personalize display preferences like brightness or units.
◆ Displays system alerts for maintenance or errors.

| Power supply	2x1.5V AA batteries (LR6)
Rating max.	8(5)A
Setting temperature accuracy	0.5°C
Dimension	85.7 x 85.7 x 24.6mm

SAS816WHB-0

Mechanical knob boiler thermostat

◆ Designed for ease of use, ideal for all age groups.
◆ Durable materials ensure long-lasting performance.
◆ Intuitive dial operation with fast, precise response.
◆ Easy setup reduces installation time and costs.
◆ Simple design reduces the likelihood of technical issues.
◆ Minimized electronics for lower energy consumption.

| Power supply	2x1.5V AA batteries (LR6)
Rating max.	8(5)A
Setting temperature accuracy	0.5°C
Dimension	86 x 86 x 32mm

THERMOSTATIC
RADIATOR VALVE
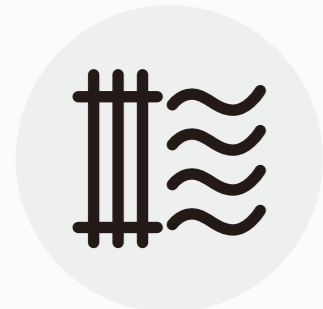
The TRV is installed on the radiator and automatically adjusts the hot water flow to maintain the set room temperature. It enables remote temperature control via a smartphone or voice assistant.

Operating principle

TUYA

Gateway

ZigBee

TRV   TRV   TRV
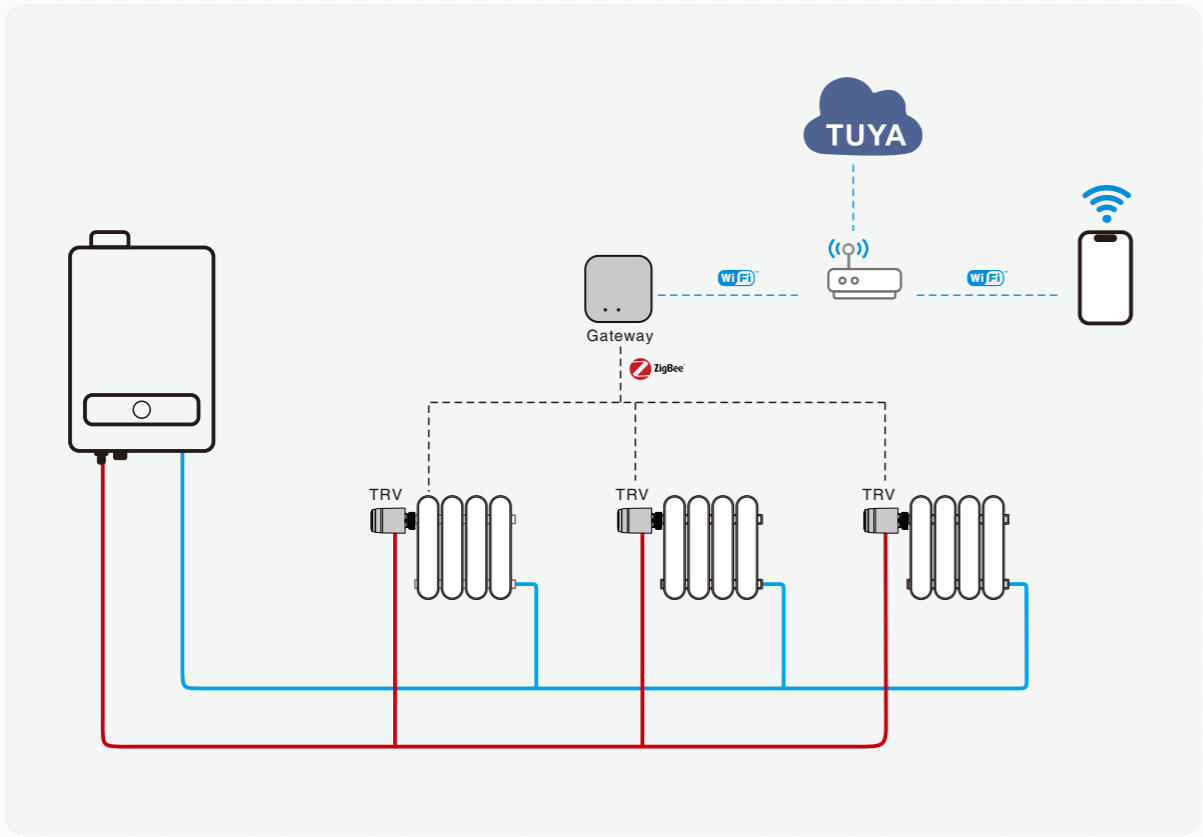
THERMOSTATIC RADIATOR VALVE

GEM208S-TF+GEM208V-TFZ

works with Hey Google | works with alexa | works with tuya | ZigBee 2.0 | Radio Frequency

Detachable radiator thermostat kit

◆ ±1°C temperature control accuracy for target area.
◆ 30% energy saving.
◆ 3-second quick pairing, local grouping.
◆ 1-button temperature select.
◆ 15-month battery life.
◆ 99% compatibility with common radiator valve models.

TRV

Sensor

Power supply(TRV)	2x1.5V AA batteries (LR6)
Power supply(sensor)	2x1.5V AAA batteries (LR03)
Setting temperature accuracy	0.5°C
Screw thread	M30 × 1.5mm
Dimension(TRV)	φ55 x 86.3mm
Dimension(sensor)	φ53.6 x 12.7mm

SEA889-WIFI(TY)

works with Hey Google | works with alexa | works with tuya | Wi-Fi 2.4G

WIFI directly radiator thermostat

◆ WIFI directly connect, faster and easier.
◆ No need gateway, saving costs.
◆ Low power consumption.
◆ 99% compatibility with common radiator valve models.

Power supply	4x1.5V AA batteries (LR6)
Setting temperature accuracy	0.5°C
Screw thread	M30 × 1.5mm
Dimension	57.6 x 57.6 x 95.2mm

SEA888-Z03

works with Hey Google | works with alexa | works with tuya | ZigBee 2.0

Zigbee radiator thermostat

◆ Zigbee connectivity
◆ Cost-effective
◆ Group function
◆ Customizable color
◆ 99% compatibility with common radiator valve models

Power supply	2x1.5V AA batteries (LR6)
Setting temperature accuracy	0.5°C
Screw thread	M30 × 1.5mm
Dimension	φ55 x 95.2mm

Water Floor

Electric Floor

Boiler

TRV

SEA802

works with Hey Google | works with alexa | works with tuya

Advanced functional radiator thermostat

◆ Energy saving, time saving.
◆ Geofencing function.
◆ Adjust temperature automatically.
◆ More convenient, more comfortable.
◆ Support OTA.
◆ 99% compatibility with common radiator valve models.

Power supply	2x1.5V AA batteries (LR6)
Setting temperature accuracy	0.5°C
Screw thread	M30 × 1.5mm
Dimension	φ55 x 94.3mm

Item No.	Gateway	Bluetooth	Zigbee	Wifi	Matter
SEA802-Z01	●		Zigbee 2.0		
SEA802-B01	●	●			
SEA802-DF	●			●	
SEA802-Z30	●		Zigbee 3.0	●	
SEA802-MATTER				●	●

Adapters option

98% compatibility with common radiator valve models.

RAV Danfoss	M28x1.5	RAVL Danfoss	Caleffi	Giacomini	RA Danfoss

Water Floor

Electric Floor

Boiler

TRV

SEA888-Z03+SAS936RHB-7-Z03+TYGWZB-01N

works with Hey Google | works with alexa | works with tuya | ZigBee 2.0

Smart radiator thermostat kit

◆ Zigbee 2.0, wider compatibility.
◆ Linkage group function.
◆ Geofencing function.
◆ Precise temperature control.
◆ 99% compatibility with common radiator valve models.
◆ Linked with wall-mounted boiler, create smart scene by yourself.

Power supply(TRV)	2x1.5V AA batteries (LR6)
Power supply(thermostat)	2x1.5V AA batteries (LR6)
Power supply(gateway)	5V ⎓ 1A
Setting temperature accuracy	0.5°C
Dimension(TRV)	φ55 x 94.3mm
Dimension(thermostat)	100 x 100 x 19mm
Dimension(gateway)	62 x 61.8 x 15.3mm

Application:

ROOM 2 — Sensor — TRV — ZigBee
ROOM 3 — Sensor — TRV — ZigBee
ROOM 4 — Sensor — TRV — ZigBee

ROOM 1

TUYA

ZigBee

Relay

WiFi

Gateway ZigBee

Water Floor

Electric Floor

Boiler

TRV