



Wired Smart Touchscreen Thermostat with Hot water control SmartTemp ST200



The ST200 thermostats are designed to provide automatic time and temperature control of heating systems in homes and apartments. It's compatible with 230V on/off appliances such as gas boilers, combi boilers and heat pumps. Also works with zone valve applications but not with electric heating (240V). The ST200 is for wired on the wall installations or table stand installations (wireless). All consist of a thermostat and a Receiver box. The solution is designed with the installer in mind and includes a Receiver module with mounting options for directly on the wall or on a wall box. Wiring can be from below or from the back by lifting the terminal platform, which makes installation quick and easy. The thermostat has a high-resolution 4 inches touch screen and simple programming philosophy to make it easier to install and very user friendly. The ST200 is ideal for consumers who want to control their comfort remotely and is based on a modern design, which is simple to program and easy to use.

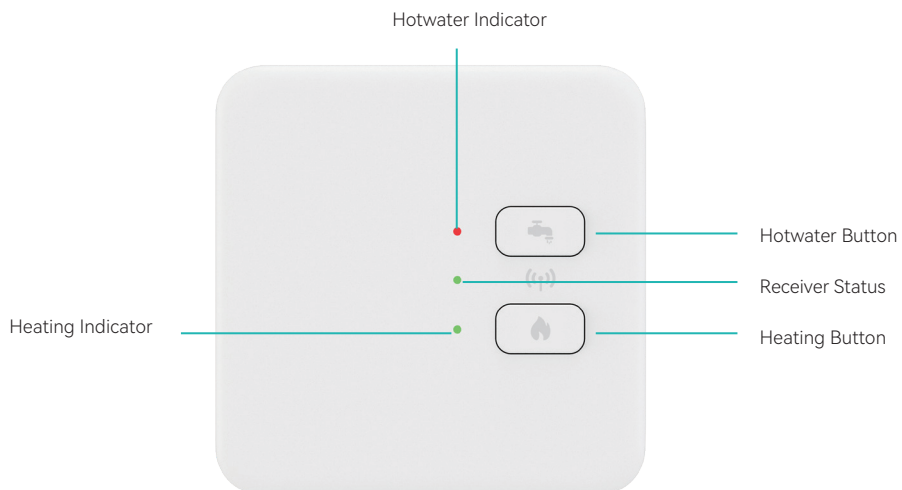
Features & Benefits

- Attractive, ultra-modern styling makes it ideal for any location in any type of home.
- Table stand or wall-box mounting thermostat options to fit a new and replacement installations.
- 868Mhz stable communication between thermostat and receiver
- Wi-Fi communication to connect to the Internet
- Tuya/ Smart Life mobile App for:
 - Temperature control
 - Remote view and change the settings
 - Schedule changes
- High resolution LCD touchscreen for easier viewing in all light conditions.
- Time out screen with selectable brightness
- Thermostat Lock/Unlock
- Vacation Mode Settings
- Heating Schedule(Temporary/Permanent Hold)
- Hot Water Schedule(Follow Schedule,Specify Duration)
- 7 Day / 6 Period Programming(Home, Away, Sleep)
- Automatic Defrost Function
- Weather Forecasting
- Alexa & Google Assistant Integration
- Proximity sensing

Thermostat Display/ Button Layout



Receiver Box Interface



Technical Specification **II**

Thermostat Panel	
Dimensions	120(L)x88(W)x 17(H) mm
Weight	145g
Material	ABS+PC
Color	White, Black
LCD Screen	3.97-inch Full-color touchscreen 480 x 800 pixels
Mounting Type	Wall mounting/Stand
Operating Voltage	5V-DC, 1A
Operating Environment	Temperature: -10°C~+50°C Humidity: up to 90% non- condensing
Temperature	Adjustment range: 5°C to 35°C (± 0.5°C) Measurement Range:0°C to 50°C (± 0.1°C) Sensing Accuracy:± 0.5°C
Humidity	Measurement Range:0~100% Sensing Accuracy: ±5%

Receiver	
Dimensions	90(L)x90(W)x 29(H) mm
Weight	132g
Material	ABS+PC
Color	White
Mounting Type	Wall mounting, fts holes with 60mm spacing
Operating Voltage	230V AC, 50Hz
Output Type	3A @230VAC
Operating Environment	Temperature: -10°C~+50°C Humidity: up to 90% non- condensing
Wiring	Terminal block capable of accepting wires up to 1.5 mm ²
IP class	IP30

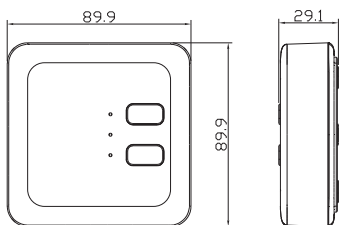
RF communication

RF operation band	ISM (868.0–868.6) MHz, 1% duty cycle
Protocol	Propriety Encrypted
Comm. Range	30m in a residential building environment
Wi-Fi	IEEE 802.11 b/g/n (2.4 GHz)

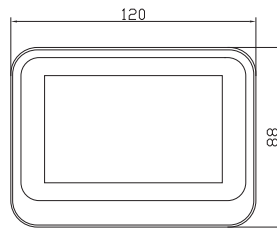
Compatibility

Compatible System	<ul style="list-style-type: none"> • 230V Combi boiler • Dry contact Combi boiler • System and heat-only boilers • Domestic hot water tanks
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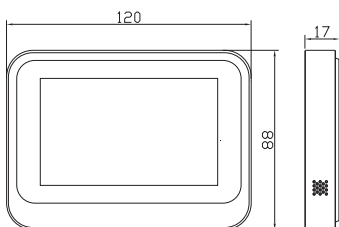
Dimensions



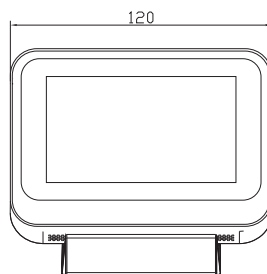
Receiver



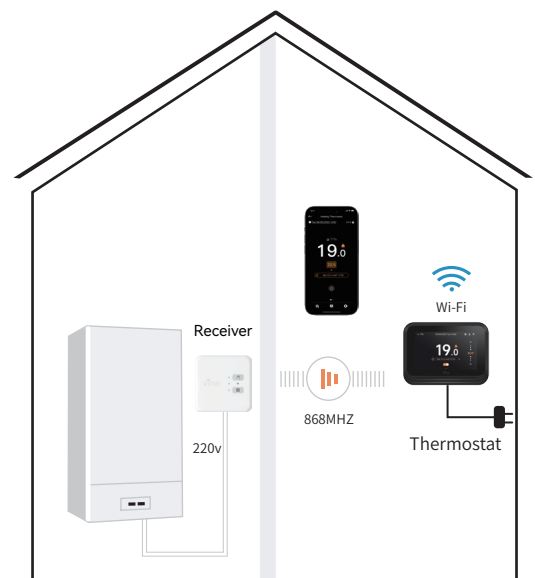
Wall-mounted Thermostat



Thermostat Panel



Thermostat with Stand



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