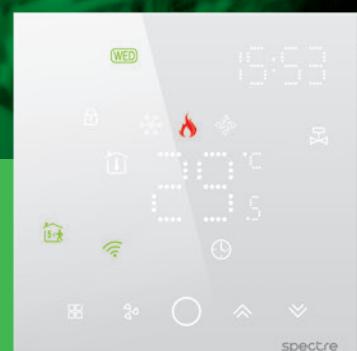


Ciel

Smart Thermostas



altech-electric.com

ALTECH
ELECTRIC

keep cool
in summer
and warm
in winter

Ciel by spectre





With their sleek and robust design, Ciel smart thermostats by Spectre simplify your life with their advanced functions and capabilities.

Ciel thermostats will provide uniform and comfortable temperature control throughout every room in your property. We bring together technology, craftsmanship, and the highest quality materials to offer you a safe, reliable product combined with a sleek, contemporary design.

TSR12 Series



TSR13 Series



TSR16 Series

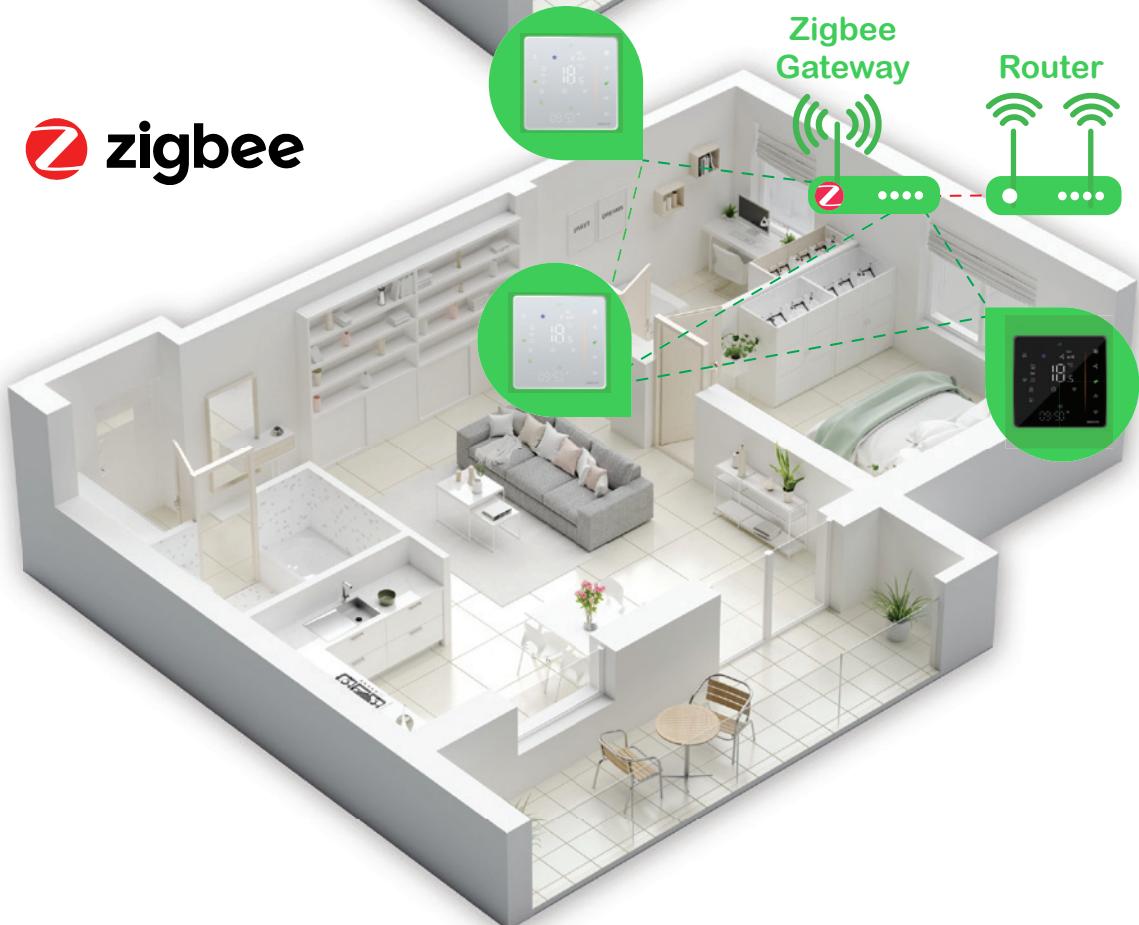
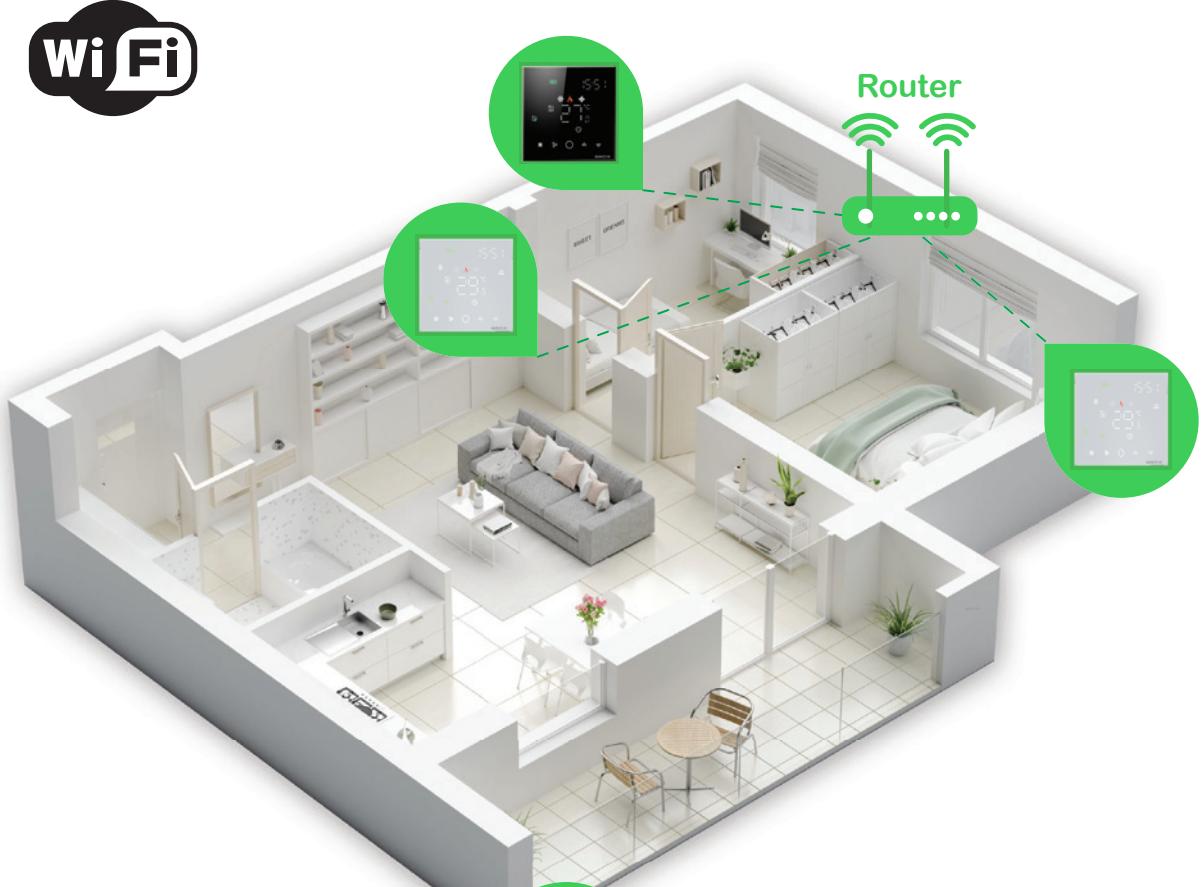




Smart design. Smarter Heating

Featuring a black/white face Ciel thermostat is the perfect fit to your personal style. The large screen and capacitive touch buttons provide the perfect combination of usability and iconic design. It works with any fan coil units, water based underfloor heating, and ducted split systems.

Having both WiFi and Zigbee models, Ciel thermostats are designed to cover the needs of various users.



Scheduling



Make sense of your energy use with the Insights feature in the Tuya / Smart Life App, track hourly activity and energy savings. Have a smart meter? Check your eligibility for the Insights+ feature in app and get realtime breakdowns of your energy, set budgets and spend and save up to 7% per year.

Energy savings and rewards



Ciel thermostats are also smart about when to use energy, thanks to Rush Hour Rewards. Just as traffic clogs up roads when everyone drives to work at the same time, energy rush hours occur when a lot of people in a particular area turn on air conditioning or heating at once. With Rush Hour Rewards, you can earn rewards from your energy company by using less energy when others are using more.

Single device sharing



You can share your Smart Thermostat with the other household members, so that they can also control the device from their own smartphones. You can share the device with an existing account or send a sharing link via SMS or Email, etc. to another user.

Smart Heating with Style



Simplicity is at the heart of Spectre. Our Smart Room Thermostat has good looks, great sustainability credentials, and the fastest no-fuss install on the market. It even slots seamlessly into your home heating system.



Control in the palm of your hand



Download the Smart Life / Tuya app (iOS and Android) to control from your smartphone. Compatible with Google Assistant and Alexa for hands-free control.

Ciel modern touchscreen room thermostats are designed to on/off control the fans and valves in the air conditioning systems by comparing actual room temperature and target set temperature to reach the aim of comfort and energy saving.

You can control your smart thermostat from any location in the world with an internet connection, as well as automate the behaviour of the thermostat by creating scenarios and/or schedules.

SPECIFICATIONS

| | |
|-------------------------|--|
| Power supply | 95~240V AC |
| AC network frequency | 50/60Hz |
| Communications protocol | WiFi/Zigbee |
| Power consumption | <1.5W |
| Fan relay max.current | 5A ; Inductive: 3A |
| Valve relay max.current | 3A ; Inductive: 1A |
| Temperature sensor | NTC3950, 10kΩ |
| Set temperature range | 5 ~ 35°C |
| Ambient temperature | 0~45°C |
| Ambient humidity | 5~95% RH (Non-condensing) |
| Storage temperature | °45~5-C |
| Timing Error | <1% |
| Shell material | PC + ABS (Fireproof) |
| Protection class | IP20 |
| Available for | Fan Coil Unit (2 & 4-pipe) water floor heating |



Screen lock
Prevent unauthorized access to the touch panel of the thermostat by activating the screen lock.



Smart scene automation
Define various scenarios to run automatically when a desired criteria is met.



Programmable
Program your products to beat to the rythm of your personal routine and needs.



App control
Powered by Tuya, all ciel products can be controlled via Smart Life or Tuya Smart home mobile applications from your smartphone.



3 Fan speeds
Choose how fast the fan rotates: low speed, medium speed or high speed



Voice control
Control the thermostat with voice commands using Amazon Alexa or Google Assistant.



Group control
Create desired product groups and control them with only one command.



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