

ecobee for Pro

Smart Thermostat PREMIUM

Saving energy is just the beginning.

Five-year limited warranty with professional installation[†] and seamless integration into smart home systems. Advancements in comfort and home health.



EB-STATE6CR-01

Why pros love us.

Reliable

Doesn't need charging. Includes Power Extender Kit (PEK) for hardwired installations without a C wire.

Simple

Comes with everything needed for a quick and easy installation, including screws and drywall plugs, backplate, PEK, wiring diagrams and a quick start guide.

Built-in air quality monitor

Built-in air quality monitor that measures VOC/eCO₂, alerts homeowner when air quality is poor, and provides simple steps on how to improve it.

Included SmartSensor

SmartSensor adjusts the temperature in rooms with hot or cold spots to keep homeowner comfortable anywhere in the home.

Seamless integrations

Works with the most popular smart home systems such as Amazon Alexa, Google Assistant, Apple HomeKit, Alarm.com, SmartThings, and IFTT.

[†] When purchased through and installed by a Carrier expert.

See warranty certificate for complete details and restrictions.

works with
ecobee | SmartBuildings

Why homeowners love us.

Automatic savings

Automatically helps homeowners save up to 26%* on heating and cooling costs, while keeping them comfortable with included room sensor.

Air quality alerts

Built-in air quality monitor that alerts you when air quality is poor and can send reminders when it's time to change the furnace's air filter.

Premium look and ease-of-use

Redesigned with premium materials and advanced engineering. Thicker glass, intuitive usability, a larger screen, new metal body, and our most advanced sensors ever.

Voice control

Control your home using the power of your voice with your choice of Siri** or Alexa Built-in.

Made for the planet

Helps lower homeowners' carbon footprint by automatically conserving energy.* Designed with quality materials to last.

* Compared to a hold of 72° F/22° C.

See <https://www.ecobee.com/savings/> for details.

** Apple home hub required to enable Siri



Turn to the experts

carrier.com/residential

Support Hours

For thermostat: Available 8am-11pm (Mon-Fri) and 9am-9pm (Sat-Sun). 1.866.518.6740 | support@ecobee.com | ecobee.com/contractors

For heating and cooling equipment: Available 8am-5pm (Mon-Fri). 1.800.227.7437 | carrier.com/residential

Compatibility

Works with most 24 VAC HVAC equipment:
 Gas, oil, electric, dual-fuel, forced air
 Conventional (2H/2C)
 Heat Pumps (4H/2C) two-stage heat pump +
 two-stage AUX / two-stage cool
 Boilers
 PTACs or fan coil units with up to
 three fan speeds

1- or 2-wire accessory support for
 humidifiers, dehumidifiers and ventilators
 (HRV/ERV)

Wire terminals

RC	Y1	W1	ACC+
RH	Y2	W2	ACC-
G	C	O/B	PEK+

Connectivity and security

Dual-band Wi-Fi: 802.11 b/g/n @ 2.4GHz,
 802.11 a/n/ac @ 5GHz
 Bluetooth 5.0, A2DP, LE
 WPA, WPA2, WPA3 encryption methods
 DHCP (dynamic) or static IP addressing
 168-bit SSL encryption
 915MHz radio

Power consumption

4 VA

Bandwidth

15MB/Mo*

*Depending on Alexa usage

Powering method

Hardwired. Power Extender Kit enables you
 to reliably power your thermostat if a C-wire
 is not available.

Display

4" full-color touch screen LCD
 540 x 540 pixel display

Thermostat sensors

Temperature
 Humidity
 Proximity
 Occupancy
 Air quality (VOC & eCO2)

Sustainability

ENERGY STAR® Certified
 Fully recyclable or compostable packaging
 Tapioca insert packaging
 Mercury-free
 Arsenic-free
 PVC-free
 RoHS compliant

Features

Radar, occupancy & proximity sensing
 Air quality monitor
 Multi-speed fan support
 Control through iOS & Android apps
 and Apple Watch
 Alexa Built-in
 Siri enabled*

*Apple home hub required

Voice and audio

Built-in microphones
 Built-in speaker
 Far-field voice recognition

Temperature range

Desired: 45° F to 92° F (7° C to 33° C)
 Display: 40° F to 100° F (5° C to 37° C)
 Sensitivity: +/- 1° F (+/- 0.5° C)
 Operating: 14° F to 122° F (-10° C to 50° C)

Humidity range

Display: 20% to 90% RH
 Sensitivity: +/- 5% RH
 Operating: 5% to 95% RH (non-condensing)

Storage

Temperature: -31° F to 113° F (-35° C to 45° C)
 Humidity: 5% to 95% RH (non-condensing)

What's in the box

ecobee Smart Thermostat Premium
 ecobee SmartSensor with detachable
 stand or wall mount
 Backplate
 Wiring diagrams
 Screws & drywall Plugs
 Power extender kit
 Trim plate/adaptor plate
 Quick start guide

Warranty (Pro install only)

Five-year limited warranty

Product dimensions

Smart Thermostat
 Length: 103.89 mm (4.09 in)
 Width: 103.89 mm (4.09 in)
 Depth: 25.91 mm (1.02 in)

Trim Plate

Length: 143.5 mm (5.65 in)
 Width: 159.9 mm (6.29 in)
 Depth: 7.71 mm (0.3 in)

Power Extender Kit

Length: 62 mm (2.44 in)
 Width: 62 mm (2.44 in)
 Depth: 23 mm (0.90 in)

SmartSensor

Length: 40 mm (1.58 in)
 With stand: 50 mm (1.58 in)
 Width: 40 mm (1.6 in)
 Depth: 26.4 mm (1.03 in)



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