ecobee

Smart Thermostat **PREMIUM**

Q+ eco+

eco+ is ecobee's free smart thermostat software that provides additional savings, enhanced comfort, and schedule suggestions unique to your home.



Siri and Alexa Built-in

A built-in smart speaker and microphone let you control your home with the power of your voice with your choice of Siri* and Alexa Built-in.



Air Quality Monitoring

Built in air quality monitor alerts you when air quality is poor and provides simple steps on how to improve it.

SmartSensor included

SmartSensor wirelessly communicates temperature and occupancy data and allows you to stay comfortable in the rooms that matter most.

*Apple home hub required to enable Siri on Smart Thermostat Premium



Saving energy is just the beginning.



Save energy, automatically

Save up to 26%* per year on heating and cooling costs with the ENERGY STAR® certified ecobee Smart Thermostat Premium.

Seamless integration

Works with Siri**, Amazon Alexa, Google Assistant, Apple HomeKit, SmartThings, and IFTT.



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Reduced energy use

Smart Home and Away detects your presence and automatically adjusts temperature levels, so you're comfortable at home and saving energy when you're out.

*Compared to a hold of 72°F/22°C. **Apple home hub required to enable Siri.

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Utility rebates

Purchase may be eligible for a utility rebate. Check ecobee.com/rebates.

ecobee Smart Thermostat Premium learns your

preferences and uses them to make intelligent

Comfort without compromise

suggestions to optimize energy use.



Smart Security hub

Works as a Smart Security hub to monitor and alert you to activity in your home, including smoke alarm detection and possible break-ins (ecobee Smart Security subscription required).



MSRP \$249.99 USD

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Compatibility

Works with most 24VAC HVAC equipment, including conventional furnaces and air conditioners (2H/2C), heat pumps (2H/2C + 2 stage AUX heat), boilers, and PTACs or fan coil units with up to 3 fan speeds.

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

Wire terminals

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

HVAC accessory support

Two 1-wire acc. or one 2-wire accessory. Control an accessory HVAC device like a humidifier, dehumidifier, or ventilation device.

Powering method

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

Power consumption

2W idle 2.7W peak

Bandwidth

15MB/Mo* *Depending on Alexa usage

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 WEP 64, WEP 128, WPA, and WPA2 encryption methods DHCP (dynamic) or static IP addressing 168-bit SSL encryption 915MHz radio

Works with other ecobee products

Our Smart Thermostat Premium seamlessly connects to ecobee Smart Security (subscription required), alongside our SmartSensors, SmartCamera with voice control, and SmartSensors for doors and windows.

ALARM.COM

Display

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

Thermostat sensors

Temperature Humidity Proximity Occupancy Air Quality (VOC & eCO2)

Design

Full-screen design with 50% larger usable display screen than our previous thermostats. Improved screen resolution (540x540). New menu for easier navigation. New indicator to quickly identify when system is heating or cooling. A clean, seamless glass display front. Die cast metal backing - zinc alloy.

Sustainability

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

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: 5% to 95% RH (non-condensing)

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 Wire labels Screws & drywall plugs Power extender kit Trim plate Quick start guide

Warranty

Guaranteed reliability and easy install with everything you need included in the box. Industry leading 3-year warranty.

Product dimensions

SmartThermostat Length: 103.89 mm (4.09 in) Width: 103.89 mm (4.09 in) Depth: 23.88 mm (0.94 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)

ecobee.com/smart-thermostats



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