

ecobee for Pro

Smart Thermostat PREMIUM

Saving energy is just the beginning.

5-year warranty with professional installation and seamless integration into smart home systems. Advancements in comfort, home health, and security needs.



Why pros love us.

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.

Reliable

Doesn't need charging, or other power sources. Included Power Extender Kit for hardwired installations without a C wire.

Built-in air quality monitor

Built-in air quality monitor that measures VOC/CO2, 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 and is the only smart thermostat that doubles as a security hub to monitor unexpected activity.*

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.

Healthier home

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.

Multi-talented monitoring

Built-in smoke alarm detection*, presence detection to alert of issues when homeowner is not home, and freeze detection to notify of sudden temperature drops.

Made for the planet

Helps lower homeowners' carbon footprint by automatically conserving energy. Designed with quality materials to last for over 10 years.

*ecobee Smart Security subscription required

**Compared to a hold of 72°F/22°C.

Support Hours

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

Compatibility

Works with most 24 VAC HVAC equipment:

Gas, oil, electric, dual fuel, forced air

Conventional (2H/2C)

Heat Pumps (4H/2C) 2 stage heat pump +

2 stage AUX / 2 stage cool

Boilers

PTACs or fan coil units with up to

3 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

Works with other ecobee products

Seamless connects to:

ecobee Smart Security (subscription required)

SmartSensors

SmartSensors for doors and windows

SmartCamera with voice control

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° to 122°F (-10° 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)

Industry-leading 5-year warranty.

Product dimensions

Smart Thermostat

Length: 103.89 mm (4.09 in)

Width: 103.89 mm (4.09 in)

Depth: 25.91mm (1.02in)

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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