

# 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)

[ecobee.com/contractors](http://ecobee.com/contractors)

