

# ecobee for Pro

# Smart Thermostat **ENHANCED**

## Delivering automatic savings and comfort.

5-year warranty with professional installation, seamless integration into smart home systems, and advanced occupancy sensor technology.



### Why pros love us.

#### Simple

Comes with everything needed for a quick and easy installation, including screws and drywall plugs, trim plate with built-in adaptor plate, 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 to last

Designed with quality materials to last for 10 years. Industry leading 5-year warranty when installed by a professional.

#### 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

Homeowners save up to 26%\*\* per year on heating or cooling costs. ENERGY STAR® certified.

#### Comfort

Automatically adjusts to the desired temperature when homeowner is home or sleeping. Pre-heats or pre-cools the home before homeowner arrives home.

#### Enhanced design

Beautifully redesigned with thicker glass, a larger screen for easier navigation, our most advanced sensors ever, and an indicator to show the heating and cooling status.

#### Doubles as home monitoring hub

Presence detection to alert of issues when homeowners is away, and freeze detection to notify of sudden temperature drops.

\*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 pump (3H/2C) - 2 stage heat pump +  
1 stage AUX / 2 stage cool  
Boilers  
PTACs or fan coil units with up to  
3 fan speeds

## HVAC accessory support

Control a one-wire HVAC accessory device  
like a humidifier, dehumidifier, or ventilator.  
(HRV/ERV)

**Note:** Self-powered accessories will require  
an additional 24V isolation relay.

## Wire Terminals

C	R	G
Y1	Y2	W1
W2/OB	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

3 VA

## Bandwidth

15MB/Mo

## 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 (radar)  
Occupancy (radar)

## 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  
Multi-speed Fan support  
Control through iOS & Android apps  
and Apple Watch

## Temperature range

Desired: 45° to 92°F (7° to 33°C)  
Display: 40° to 100°F (5° 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 Enhanced  
Backplate  
Wire labels  
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: 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)

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

