

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
 WEP 64, WEP 128, WPA, and WPA2
 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