

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°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°F to 122°F (-10°C 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)

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