ecobee

Smart Thermostat **ESSENTIAL**

Designed for effortless control.
Control your home's temperature through our beautifully designed color touch screen. No dials or buttons, just swipe and tap to manage your comfort.

Works with leading smart home ecosystems.
Pair Smart Thermostat Essential with Apple HomeKit, Google Assistant, and Alexa.

eco+
ecobee's free software provides additional energy savings, enhanced comfort, and schedule suggestions unique to your home.

Control from anywhere.
Conveniently control your home's temperature with your iOS or Android device through the highly rated ecobee app.

40%

72

72

ecobee

Serious savings made easy.

Keep on saving.
Save up to 23%* every year on energy costs. That's about $250** a year in savings, meaning the cost of the Smart Thermostat is covered in just six months.

Rated best in its category.
Our Smart Thermostats are rated best in the industry by customers like you, tech reviewers, and HVAC professionals.

Save even more with eligible rebates.
You could fully cover the cost of the device with an eligible utility rebate. See if you qualify at **ecobee.com/rebates.**

Adjusts for savings and comfort.
The Smart Thermostat automatically adjusts to your set schedule to save energy when you're gone and optimize comfort when you're home.

Quick and easy installation.
You'll have your device up and running in minutes! No C Wire, no problem, get the ecobee Power Extender Kit and keep your walls looking nice with our trim kit – both sold separately.

See if you're compatible.
Smart Thermostat Essential is compatible with most HVAC systems. Check if your home is compatible at ecobee.com/compatibility.

*Compared to a hold of 72°F/22°C.

**Based on an internal analysis conducted in April, 2021, ecobee customers in North America saved up to 23% on their heating and cooling costs. When you add up the average cost of electricity and natural gas used for heating and cooling ($1,091 USD/$1,490.52 CAD) and multiply it by 23% (ecobee's savings claim) you get savings of up to $250/$342 (USD/CAD) per year. Annual savings will vary based on your energy use and location. Learn more about how we calculate savings.

Compatibility
Works with most 24 VAC HVAC equipment:
Gas, oil, electric, dual fuel, forced air
Conventional (2H/1C or 1H/2C)
Heat Pump (2H/1C)
Boilers

Wire Terminals

C	G/PEK	Y1
OB*	W1	Rc

Connectivity and security
Wi-Fi: 802.11 b/g/n/ax @ 2.4GHz
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
5MB/Mo

Powering method
Hardwired. Power Extender Kit enables you
to reliably power your thermostat if a C-wire
is not available. PEK sold separately.

Display
2.8" full-color touch screen LCD
240 x 320 pixel display

Thermostat sensors
Temperature
Humidity

Sustainability
Energy Star Certified
Fully recyclable or compostable packaging
Mercury-free
Arsenic-free
PVC-free
RoHS compliant

Features
Control through iOS & Android apps
and Apple Watch

Temperature range
Desired: 45°F to 120°F (7°C to 49°C)
Display: 32°F to 120°F (0°C to 49°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: -4°F to 113°F (-20°C to 45°C)
Humidity: 5% to 95% RH (non-condensing)

Works with other ecobee products.
Smart Thermostat Essential connects
to ecobee Smart Security (subscription
required), SmartCamera with voice control,
SmartSensors, and SmartSensors for doors
and windows.

What's in the box
Smart Thermostat Essential
Backplate
Hardware pack
Wire labels

To access mobile installation guide and
warranty, scan the QR code on the box.

Warranty
Industry-leading 3-year warranty.

Product dimensions
Smart Thermostat
Length: 92 mm (3.62 in)
Width: 92 mm (3.62 in)
Depth: 23mm (0.91 in)

ecobee.com/smart-thermostats

Works with Apple Home

works with Hey Google

works with alexa

works with ecobee Smart Security