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.



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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.



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.

**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.

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Smart Thermostat ESSENTIAL

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

С	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



© 2024 ecobee Inc. All rights reserved, ecobee and the ecobee logo are trademarks of ecobee Inc., registered in the U.S. and other countries. Designed in Canada. Apple HomeKit technology provides an easy, secure way to control your home's lights, doors, thermostats, and more from your iPhone or iPad. Controlling this HomeKit-enabled accessory requires an iPhone or iPad with iOS 9 or later. Apple, IPhone and iPad are trademarks of Apple Inc., registered in the U.S. and other countries. HomeKit is a trademark of Apple Inc. and other countries and all related logos are trademarks of Apple Inc., registered in the U.S. and other countries. HomeKit is a trademark of Apple Inc. and other countries. Inc. or its affiliates. To control this HomeKit-enabled accessory requires iOS 15 or iPadOS 15 and above, and a HomePod or HomePod mini with software version 15 and above. For full access to ecobee features such as remote operations, mobile alerts and software updates, your ecobee device requires a Wi-Fi network, a working Internet connection, a compatible IOS or Android device, the free ecobee app, and an ecobee account. The availability of certain features and services are service-, device-, and network- dependent and may not be available in all areas. All features. functionality, and product specifications are subject to change without notice.