# E is for exclusive.



Helping customers save energy has never been easier with the Nest Thermostat E + Goodman. It can turn itself down when they leave home. They can control it from anywhere with the Nest app.[1] And it's now available to professional installers only.

## How does it work?

**Easy to use**
No more programming. Customers can choose between a basic schedule right out of the box or Auto-Schedule, which learns the temperatures they like and programs itself.

**Easy to save energy**
It can use sensors and a phone's location to check if customers have left the house. Then it can set itself to an Eco temperature to save energy.

**Easy to control**
Connect it to Wi-Fi to change the temperature from a phone, tablet, or laptop.[1] Or use a simple voice command with Google Assistant.[2]

**HVAC monitoring**
Looks after customers' heating and cooling systems and sends an alert if something doesn't seem right.[3]

**Remote temperature sensing**
Works with the Nest Temperature Sensor to help customers keep their homes even more comfortable from room to room.[4]

**Frosted display**
Blends into the background and fits into any home.

**Energy History**
Easy to see when heating and cooling were on and what affected energy use.

**Learn more at g.co/nestpro**

## Features

- Auto-Schedule
- Basic Schedule
- HVAC monitoring
- Energy History
- Home Report
- Nest Leaf
- Nest app
- Airwave

- System Match
  - Early-On
  - Heat Pump Balance
  - True Radiant
- Time-to-Temperature
- Weather aware
- Advanced Fan Control
- Sunblock

- Cool to Dry
- Thermostat lock
- Software updates over Wi-Fi
- Safety Temperature Alert
- Furnace Heads-Up
- Filter Reminder
- System Test

## Specs

**Color**
- White

**Display**
- 24-bit color LCD
- 320 x 320 resolution at 182 pixels per inch
- 1.76 in (4.5 cm) diameter

**Sensors**
- Temperature
- Humidity
- Motion
- Ambient light
- Magnetic (for thermostat ring position)

**Memory**
- 256 MB

**Size and weight**
- Mass: 4.9 oz (139 g)*
- Diameter: 3.19 in (8.1 cm)
- Height: 1.14 in (2.89 cm)

*Weights may vary slightly

**Connectivity requirements**
- Wi-Fi internet connection
- Phone or tablet running iOS or Android
- Nest app

**Languages**
- English (US, UK)
- Dutch
- French (Canada, France)
- German
- Italian
- Spanish (Americas, Spain)

**Wireless**
- 802.11 a/b/g/n (2.4GHz/5GHz) Wi-Fi
- 802.15.4 (2.4GHz)
- Bluetooth Low Energy

**Battery**
- Built-in rechargeable lithium-ion battery

**Power consumption**
- Less than 1 kWh per month

**Voltage requirement**
- 20-30V AC

**Warranty**
- 5-year limited warranty. The full text of Goodman limited warranty on this product may be viewed at www.goodmanmfg.com/products/controls, or may be requested in paper by contacting us at 19001 Kermier Road, Waller, TX 77484.

## In the box

- Nest Thermostat E + Goodman
- Optional trim plate
- Mounting screws and labels

## Compatibility

- The Nest Thermostat E + Goodman works with 85% of 24V heating and cooling systems, including gas, electric, forced air, heat pump, radiant, oil, hot water, solar, and geothermal.

- Heating and cooling: 1 stage of heating (W1) and cooling (Y1) and a second stage of either heating (W2) or cooling (Y2).
- Heat pump: with auxiliary and emergency heat (O/B, AUX)
- Fan (G)
- Power (C, RH, or RC)

- The Nest Thermostat E + Goodman is designed to work even in homes without a common C wire, but installation of a new C wire may be required in rare cases.
- Compatible with the Nest Temperature Sensor (sold separately).

## Bandwidth requirements

- Average bandwidth approximately 50MB/week upload and 50MB/week download

## Certifications

- UL 873, Temperature-Indicating and -Regulating Equipment
- CSA-C22.2 No. 24, Temperature-Indicating and -Regulating Equipment
- ENERGY STAR®

**Learn more at g.co/nestpro**

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