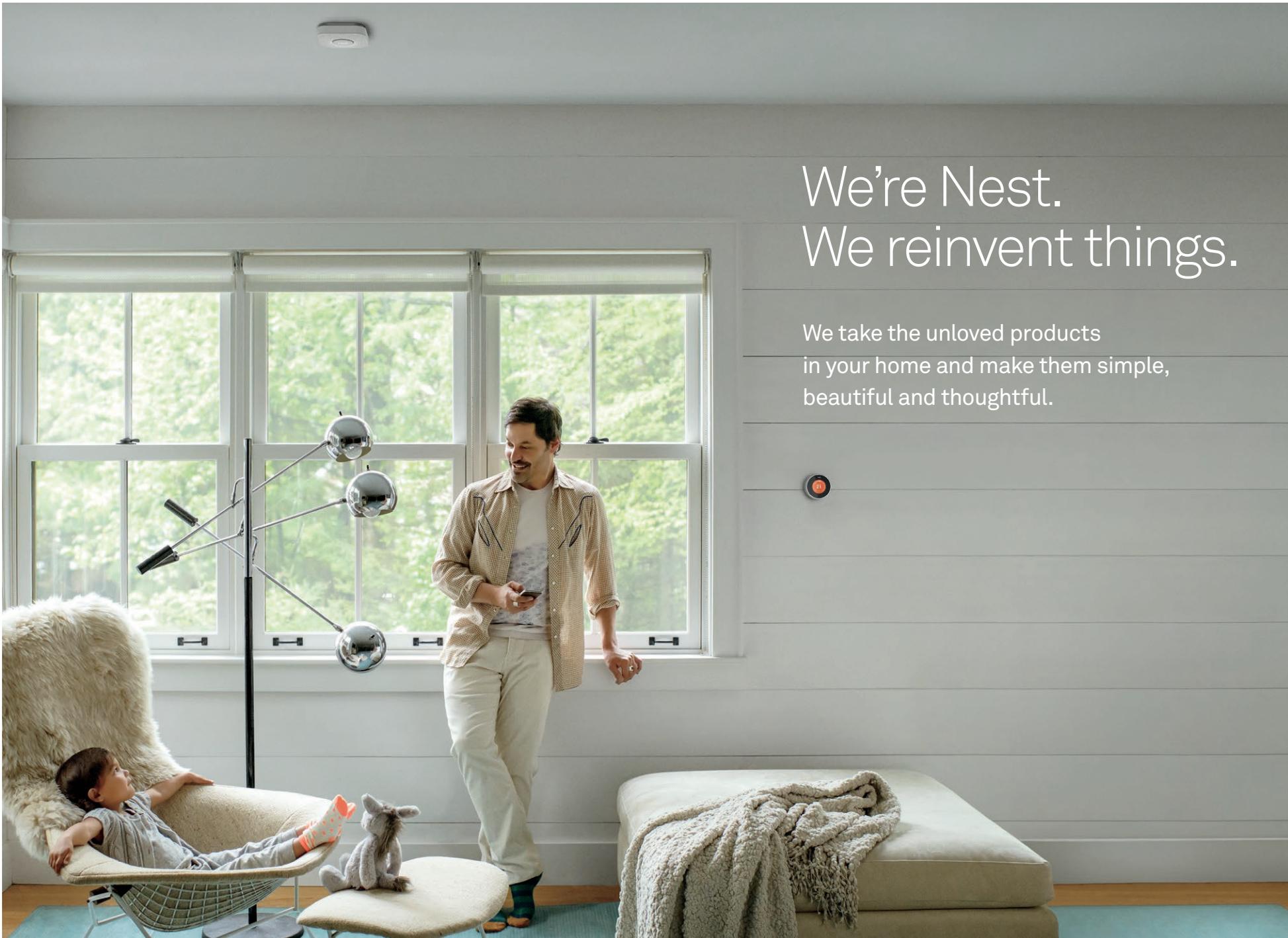


nest<sup>®</sup>





# We're Nest. We reinvent things.

We take the unloved products  
in your home and make them simple,  
beautiful and thoughtful.



## Rethink your heating system.

Heating makes up over 60% of your energy bill – about £1,340 a year.\* But heating controls have scarcely changed in decades. It's time for something better. The Nest Learning Thermostat™ programs itself, turns the heat down when you're away and can be controlled from anywhere.



### A single control

It's a thermostat and programmer in one, so you can manage the heat from one place.



### Remote control

Change the temperature from anywhere using your mobile, tablet or laptop.



### Auto-Schedule™

Just turn it up and down. It learns the temperatures you like and programs itself.



### Energy History

See how much heat you used and why. The more you know, the more you can save.



### Auto-Away™

It senses when you leave and automatically turns itself down. So you won't waste money heating an empty home.



### True Radiant

It turns the heat on just in time to reach the temperature you want, when you want.



\* Source: 2011 Great Britain housing energy fact (OFGEM)



## Know more, worry less.

The Nest Protect: Smoke + Carbon monoxide™ alarm sends a message to your mobile when the alarm goes off or if its batteries run low. In an emergency, it speaks with a human voice, telling you what the danger is and where it is. And if there's only a little smoke, it can give you a friendly Heads-Up before turning on a loud alarm.



### Know from anywhere

Connect Nest Protect to Wi-Fi and receive a message on your mobile if something's wrong.



### Heads-Up

Get a friendly alert so you can handle burning toast before a piercing alarm goes off.



### Tells you what and where

Nest Protect speaks up if there's smoke or CO and tells you where it is, so you know what to do.



### Nightly Promise

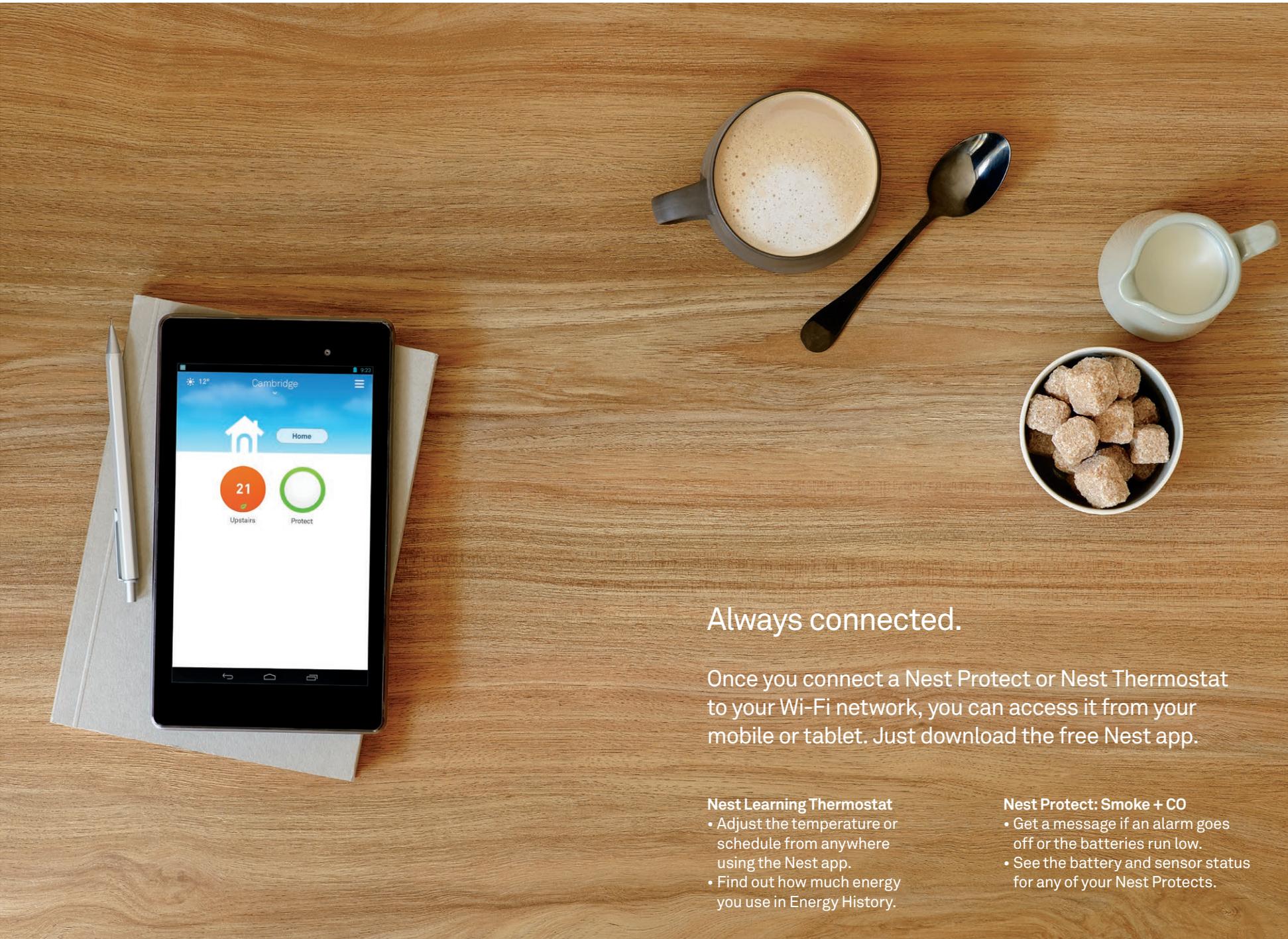
A green glow when the lights go out lets you know the batteries and sensors are working. Sweet dreams.



### Senses CO

Carbon monoxide is odourless, invisible and deadly. Nest Protect sees the CO that you can't.





## Always connected.

Once you connect a Nest Protect or Nest Thermostat to your Wi-Fi network, you can access it from your mobile or tablet. Just download the free Nest app.

### **Nest Learning Thermostat**

- Adjust the temperature or schedule from anywhere using the Nest app.
- Find out how much energy you use in Energy History.

### **Nest Protect: Smoke + CO**

- Get a message if an alarm goes off or the batteries run low.
- See the battery and sensor status for any of your Nest Protects.

## Nest Learning Thermostat



### Features

- Auto-Schedule
- Auto-Away
- Nest Leaf™
- Energy History and Report
- True Radiant
- Time-to-Temperature
- Sunblock
- Multiple thermostat coordination
- Nest web and mobile apps
- Software updates over Wi-Fi
- Stainless steel ring
- Chameleon design
- Built-in bubble level

### Thermostat specs

- LCD Display**
- 24-bit colour
  - 320 x 320 pixel display
  - 4.4 cm diameter

### Battery

- Built-in rechargeable lithium-ion battery

### Sensors

- Temperature
- Humidity
- Near-field activity
- Far-field activity
- Ambient light

### Languages

- English (UK)
- French
- Dutch
- Spanish

### Wireless

- 802.11b/g/n @ 2.4GHz
- 802.15.4 @ 2.4GHz

### Warranty

- Two-year limited warranty

### Heat Link specs

- Bicolor LED
- Relay supports 3 (1) A load @ 230V AC, on both satisfied and call-for heat connectors
- Input power 100V – 240V AC, 50/60Hz
- Output power provides 12V DC to thermostat

### Power consumption

- Less than 1 kWh/month

### Size

#### Display

- Mass: 220g/7.8oz
- Diameter: 8.3 cm
- Height: 2.9 cm

#### Base

- Mass: 34g/1.2oz
- Diameter: 7.7 cm
- Height: 1.2 cm

#### Assembled

- Mass: 254g/9.0oz
- Diameter: 8.3 cm
- Height: 3.4 cm

### Heat Link

- Mass: 150g / 5.3oz
- Size: 10.0 x 10.0 x 3.0 cm

### In the box

- Display
- Base
- Heat Link
- Power cord
- Power plug
- Optional trim plate
- Wall screws
- Installation Guide and warranty
- Welcome Guide
- Nest Pro Installation card

### Compatibility

The Nest Learning Thermostat is compatible with almost all central heating systems, including:

- Combi and condensing boilers
- System and heat-only boilers
- Hydronic underfloor systems
- Air source and ground source heat pumps (heating only)
- Zoned systems (one Nest Thermostat per zone)
- Switched live systems
- Low-voltage (dry contact) systems

It is not compatible with electric radiators and electric underfloor systems.



## Nest Protect: Smoke + Carbon Monoxide



### Features

- Heads-Up
- Nightly Promise
- Pathlight
- Multiple alarm coordination
- Nest web and mobile apps
- Software updates over Wi-Fi

### Detailed specs

#### Sensors

- Photoelectric smoke
- Carbon monoxide
- Heat
- Ambient light
- Three activity sensors
- Humidity

### Speaker loudness

- 80dB @ 1 meter @ 1kHz

### Horn

- 85dB SPL @ 3 meters

### Wireless

- Working Wi-Fi connection: 802.11 b/g/n @ 2.4 GHz
- Wireless Interconnect: 802.15.4 @ 2.4GHz
- Wi-Fi, an iOS or Android mobile or tablet, and a free Nest Account are required for wireless interconnect setup, room naming, mobile notifications and software updates

### Environmental

- Green
  - Mercury-free
  - PVC-free
  - Recyclable packaging
- Operating
  - This alarm should not be installed in locations where the normal ambient temperature is below 4.4°C or exceeds 37.8°C
  - Humidity range: 20%RH to 80%RH (non-condensing)

### Certification

- Nest Protect complies with the following smoke and carbon monoxide alarm standards in Europe: BS EN-14604, BS EN-50292, BS EN-50291 and BS EN-50271:2010.

### Models

### Nest Protect (Battery)



### Nest Protect (Wired)



### Batteries

- 6 x AA Energizer Advanced Lithium batteries (available at retail outlets)

- 3 x AA Energizer Advanced Lithium backup batteries (in case of power outage)

### Size and weight

- Height: 13.4 cm
- Width: 13.4 cm
- Depth: 4.1 cm
- Weight (batteries included): 372g

- Height: 13.4 cm
- Width: 13.4 cm
- Depth: 4.1 cm
- Weight (batteries included): 352g

### In the box

- Six long-life batteries
- Backplate
- Four screws
- User's Guide
- Welcome Guide
- Two-year limited hardware warranty

- Three long-life backup batteries
- Backplate
- Four screws
- AC 230V cable connector
- Three terminal blocks
- User's Guide
- Welcome Guide
- Two-year limited hardware warranty



# Installation

## Nest Learning Thermostat

We recommend that a Nest Pro install it for you. Heating systems are high voltage and complicated, often with a bundle of unmarked cables.

The Nest Thermostat is compatible with most heating systems. Go to [nest.com/eu/works](http://nest.com/eu/works) to see how it will work in your home.

## Nest Protect: Smoke + CO

Both Nest Protect (Battery) and Nest Protect (Wired 230V) take only minutes to install. If you have high ceilings or are low on time, a professional can help.

Find local installation professionals at [nest.com/eu/install](http://nest.com/eu/install).

Use the Nest Stand to put the thermostat on a shelf or table rather than your wall. Sold separately.



[nest.com/eu](http://nest.com/eu)

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