



Thank you for your interest in the ecobee Smart Thermostat. We are proud to be an Authorized Installer of this fine product.

The ecobee EMS Si is compatible with most light commercial HVAC systems, however it is important to verify the current wiring configuration of your existing thermostats and wireless connectivity. Package Unit Pros will do this for no charge.

Once the compatibility survey is complete we will provide you a proposal for installation of your new ecobee Smart Thermostats. You will immediately have access to your Smart Thermostats via computer, tablet and smart phone.

Through the ecobee app you will be able to view all your thermostats, change setting, schedules, pull usage reports and simply manage all functions and features. There are no ongoing or additional charges or fees for the app and web access.

We look forward to answering any questions you may have about the ecobee Thermostat and how it can help you cut energy cost, reduce wear on your HVAC equipment and provide you a detailed view of your energy usage.

## **Service, Price and Quality... All in One Package**

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# ecobee EMS Si



## Uncover big savings with EMS Si: the most cost-effective energy management solution

Heating and cooling account for up to 63% of light-commercial energy usage, and the US EPA suggests that 30% of energy used in these facilities is wasted. With ecobee, you can monitor and control your commercial building's HVAC system and automate ancillary devices—all at a fraction of the price of a Building Automation System.

### Anytime, anywhere

Manage an unlimited number of thermostats, individually or as groups, across various locations with multiple users, all from a single web portal or smartphone app.

### Quick ROI

With an average payback of less than one year, and no recurring fees - ecobee improves your bottom line year after year.

### Controlled access

Administrators have complete control of thermostat settings and can establish different permissions for building managers and other employees. Administrators can limit employee access or lock thermostats to minimize energy waste.

### Easy monitoring

ecobee's remote diagnostics and reporting tools provide insight to help you remotely identify and assess problems, reducing administration time and HVAC service costs.

### Smart, really smart

Let us do the work for you. Our intelligent algorithms use thousands of data points to optimize for comfort when a building is occupied, and save energy when it's not.

### Maximize efficiency

Apply standardized operating procedures across all locations so you're always running the right schedule in the right place at the right time.

Some of our customers:



"We chose ecobee for our Weekend's Only Furniture stores. Right away, we saved 25-30% month over month."  
— *Patrick Winkler, Weekends Only Furniture*

## Customer highlight

### Taco Bell Restaurants

#### Problem

With 40% of energy consumption directly related to heating and cooling equipment, Taco Bell wanted a solution that would reduce their energy footprint and operational costs, and help protect perishable food items.

#### Outcome

- 8-12% month-over-month savings
- \$1000's in food spoilage prevented with alerts from temperature sensors in freezers and refrigerators
- Significant reduction in operational costs
- Reduction in service calls with remote diagnostics and troubleshooting

"Many of the competitive products we examined just weren't as intuitive. ecobee had it all—it was the perfect solution for our needs."

— Dwayne Kostihá VP Operational Services, Austaco Ltd/  
DBA Taco Bell



### Easy installation

- Installation and set-up in less than one hour
- Automatically detects the local wi-fi network
- No gateway required

### Unparalleled value

- Free software upgrades
- No recurring fees
- 3-year warranty

### Peace of mind

- Automatic alerts and service reminders
- HVAC Reports for remote diagnostics and troubleshooting

## Product specifications

### Compatibility

- Conventional (2H/2C)
- Heat pump (3H/2C) incl. 1-stage auxiliary heat
- Gas, oil, electric
- Dual fuel

### Automation

Two dry contact inputs and/or 10K resistive temp sensors that can be programmed to:

- Act as the thermostat control sensor
- Monitor freezers and coolers
- Adjust the heat and or cool set temperatures
- Switch the system to occupied or unoccupied mode
- Shut down the compressor
- Turn fan on
- Disable heat

### Wire terminals

- |       |          |         |
|-------|----------|---------|
| • R2- | • W2 AUX | • Rc    |
| • R2+ | • Y2     | • G     |
| • R1- | • C      | • W O/B |
| • R1+ | • Rh     | • Y     |

### Temperature range

Set point: 45° to 92°F (7° to 33°C)  
 Display: 40° to 100°F (5° to 37°C)  
 Sensitivity: +/- 1°F (+/- 0.5°C)  
 Operating: 32° to 130°F (0° to 55°C)

### Humidity range

Display: 20% to 90% RH  
 Sensitivity: +/- 5% RH  
 Operating: 5% to 95% RH (non-condensing)

### Powering method

24VAC (3.5VA maximum)

### Connectivity & security

ecobee uses the latest encryption technologies to ensure that data is protected both in transmission and network access. The ecobee EMS Si is designed to support:

- 802.11 b/g/n wireless routers
- WEP 64, WEP 128, WPA and WPA2 encryption methods
- 168 bit SSL encryption
- DHCP (dynamic) or Static IP addressing

