## ecobee | EMS Si

The most reliable and practical way to manage your buildings' energy.

### ecobee for Pro

FILTER BY: Connection + Set Mode + Comfort Setting +						Q				
3 Selected New event + Edit com	ort settings 🔹 Set si	hedule • Edit	preferences • More •							
Name n	Temperature	Humidity	Set temperature	Mode	Comfort Setting	Alerts				
Warehouse Floor 1 South Thermostat	72'	60%	68'- 72'	Auto	Occupied	2				
Warehouse Floor 1 North Thermostat	68.	56N	62'+ 74'	Auto	Occupied	۰				
Warehouse Floor 2 South Thermostat	20'	52%	68'- 72'							
Warehouse Floor 2 North Thermostat	71'	57%	68'- 72'							
Office Thermostat	73'	50%	68'- 72'		Wed Dec 8 11					
HQ \/F North Thermostat	72'	48%	64'- 26'		HUNDIT: STN CURED/TEMP	mently Dicupled 0004	- (	4 (OK)	•)	
HQ VF South Thermostat	20'	60%	68'- 72'		71	)° 🏅		(v)		
HQ 2/F North Thermostat	20'	56N	64'+ 76'		× /*	72				

#### Wired sensors and automation

With two dry contact inputs or resistive temperature sensors, you can automate your buildings' heating and cooling system based on sensor inputs.

- Control the comfort of any room regardless of where thermostat is placed
- Automatically adjusts heating and cooling based on occupancy
- Connects to door sensors to adjust settings when door is open or closed
- Monitor your walk-in freezers and fridges to protect your inventory

"We were able to save about \$10,000-\$15,000 worth of inventory on several occasions by preventing drastic increases in freezer temperature."

 Sheila Sorber on EMS Si installations at 29 Jack InThe Box locations.

#### Manage all your thermostats in one place

EMS Si works with ecobee SmartBuildings, a powerful software solution that lets you manage unlimited thermostats anytime, anywhere.

**Software features** 

- Unlimited thermostat management
- Multi-user access
- Bulk scheduling and comfort settings
- Customized alerts and notifications
- Data insights on energy usage
- Passcode protection
- Automatic software updates

#### **Reliable and compatible**

Works with most heating and cooling systems, including conventional (2H/2C), heat pump (3H/2C) including 1-stage auxiliary heat, gas, oil, electric, and dual fuel.

#### Easy installation and dedicated support

Install and set it up in under an hour. Need help? EMS Si has a dedicated support team, and includes easy-to-follow installation manuals and simple wiring diagrams.

# ecobee | EMS Si

#### Compatibility

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

**Powering method** 24VAC (3.5VA minimum)

#### Powering consumption

Less than 3.5VA

#### **Temperature range**

Desired temperature: 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)

#### **Connectivity and security**

Wi-Fi, IEEE 802.11 b/g/n @ 2.4 GHz Wi-Fi Protected Access (WPA/WPA2) Wired Equivalent Privacy (WEP) DHCP (dynamic) or static IP addressing Transport Layer Security (TLS)

Bandwidth

15+MB/month

#### Display

2.5" full-color LCD non-touch screen 320 x 240 pixel display

#### What's in the box

ecobee EMS Si smart thermostat Installation and user manual Screws and drywall plugs Decorative trimplate

#### Software requirement

Wire

Terminals

SmartBuildings software and subscription required for remote access and control.

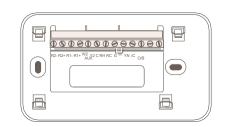
To learn more, visit **ecobee.com/SmartBuildings** or speak to sales specialists at **1.888.562.1058** 

#### Product dimensions

Height: 3.25 in (82.5 mm) Width: 5.5 in (139.5 mm) Depth: 1 in (25 mm)

#### Warranty

3-year warranty (PRO Install only)



Terminals	Description	Voltage Current max
R2-	Input 2-	*Temperature/ dry contact only
R2+	Input2+	*Temperature/ dry contact only
R1-	Input 1-	*Temperature/ dry contact only
R1+	Input 1+	*Temperature/ dry contact only
W2 (AUX)	2nd stage heating or 1st stage auxiliary heat	30VAC 3A
Y2	2nd stage compressor	30VAC 3A
С	Common	30VAC 3A
RH	Heattransformer	30VAC 3A
RC	Cool transformer	30VAC 3A
G	Fan	30VAC 3A
W (O/B)	1st stage heating or reversing valve changeover	30VAC 3A
Y	1st stage compressor	30VAC 3A

#### **SmartBuildings Support**

Available 8am-12am (Mon-Fri) and 9am-9pm (Sat-Sun) | 1.833.285.1119 | support@ecobee.com | ecobee.com/smartbuildings