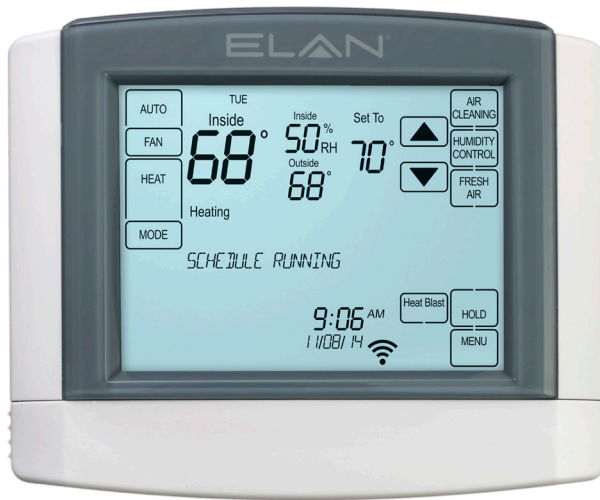


EL-TSTAT-8820

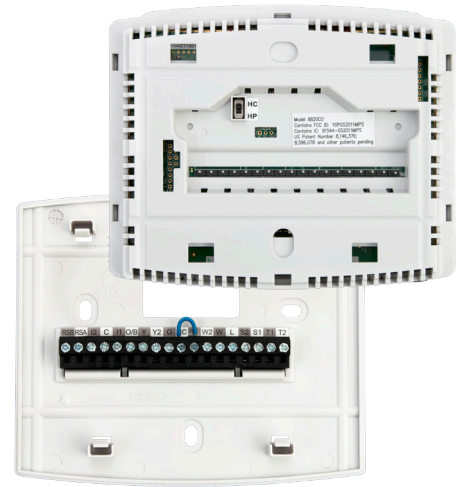


ELAN

Wi-Fi Touchscreen Thermostat



EL-TSTAT-8820



Balance All Aspects of Indoor Air Quality.

The EL-TSTAT-8820 is designed to balance all aspects of indoor air quality, including Temperature, Humidity, Air Purity and Fresh Air.

The EL-TSTAT-8820 Wi-Fi Touchscreen Thermostat – featuring 'ELAN Discovery' – is an internet-connected thermostat designed to balance all aspects of indoor air quality, including Temperature, Humidity, Air Purity and Fresh Air—all controlled within an ELAN system.

ELAN Discovery

Find, provision and install the ELAN Wireless Thermostat with just a few clicks.

All ELAN Thermostat products are embedded with the ELAN beacon, making them the fastest and easiest thermostats to install in an ELAN system. In the Configurator, ELAN Discovery scans your network, both wired and wireless, automatically discovering the SSID the thermostat broadcast.

With a click, the EL-TSTAT-8820 is configured and installed in the ELAN system. We've eliminated the need to use a secondary application to setup the device outside of ELAN—saving you substantial time on every installation.

The EL-TSTAT-8820 Wi-Fi Thermostat has the quality, reliability, best-in-class features and ELAN customer support that you and your clients rely on.



EL-TSTAT-8820

Wi-Fi Touchscreen Thermostat



ORDER NO. EL-TSTAT-8820

FEATURES

- One Click setup with ELAN Discovery (Auto Discover/Auto Configure)
- Remote access and control over Wi-Fi*
- Indoor air quality control
 - Humidification automatic or manual control
 - Dehumidification
 - Event-Based™ air cleaning
 - Ventilation with temperature and humidity limits
- Temperature control
- Heat Blast® raises the room temperature 3°F to 5°F
- Large touch screen with adjustable backlight – constant backlight option available
- Message center provides feedback and instructions
- 7 day programmability
- Displays room temperature, room humidity, temperature setting, and outdoor temperature
- Air filter, humidifier, dehumidifier, fresh air, and HVAC service reminders
- Programmable fan control with fan circulation mode
- Easy to use temperature control can override program schedule at any time
- Progressive recovery ensures proper temperature at the start of a program event
- Built in compressor protection prevents damage to your equipment
- System test mode

*Requires a Control System

INCLUDED IN THE BOX:

- (1) ELAN 8820 Thermostat
- (1) Quick Reference Guide
- (1) Quick Reference Card



www.elanhomesystems.com

ENVIRONMENT

Temperature	Operating: 32° to 120°F (0° to 48.9°C) Shipping: -30° to 150°F (-34.4° to 65.5°C)
Relative Humidity	Operating: 5% to 90% R.H. (non-condensing)

ELECTRICAL

Operating voltage	24VAC (18 – 30VAC)
Current	Maximum: 2.5A (total), 1.0A (single output) Maximum surge current: 5A

THERMAL

Outdoor & Remote temperature sensor	Maximum distance: 300 feet
Room temperature measurement	Display range: 32° to 99°F (0° to 40°C)
Outdoor temperature measurement	Display range: -40° to 130°F (-40° to 55°C)
Setpoint temperature range	Heat: 40° to 90°F (4° to 32°C) Cool: 50° to 99°F (10° to 37°C)
Setpoint humidity range	Humidification: 10% to 50% R.H. Dehumidification: 40% to 90% R.H.

COMPATIBLE REMOTE SENSORS *Sold Separately*

An interior designer's best friend, remote sensors allow you to hide the thermostat in a closet or in the rack while still providing evenly distributed temperature control throughout the home. Our flush mount sensors take the average of up to four (4) different locations to provide the perfect environment.

EL-TSTAT-SEN-8083

Indoor Flush Mount Remote Temperature and Humidity Sensor



SPECIFICATIONS

Temperature	-40 to 130°F (-40 to 55°C)
Temperature Accuracy	+/-1°F 60 to 80°F (Comfort Range) +/-2°F 40 to 100°F (Control Range)
Humidity	0% to 99% R.H. (non-condensing)
Humidity Accuracy	+/-5% R.H. 20% to 80% R.H.
Electrical Operating Voltage	24VAC (18 to 30VAC)

EL-TSTAT-SEN-8051

Indoor Flush Mount Remote Temperature Sensor



SPECIFICATIONS

Tolerance	+/-3% @ 25°C (77°F)
Resistance	10 kΩ @ 25°C (77°F)
Electrical Operating Voltage	20-30 VAC

EL-TSTAT-SEN-8052

Outdoor Remote Temperature Sensor



SPECIFICATIONS

Tolerance	+/-3% @ 25°C (77°F)
Resistance	10 kΩ @ 25°C (77°F)
Electrical Operating Voltage	20-30 VAC