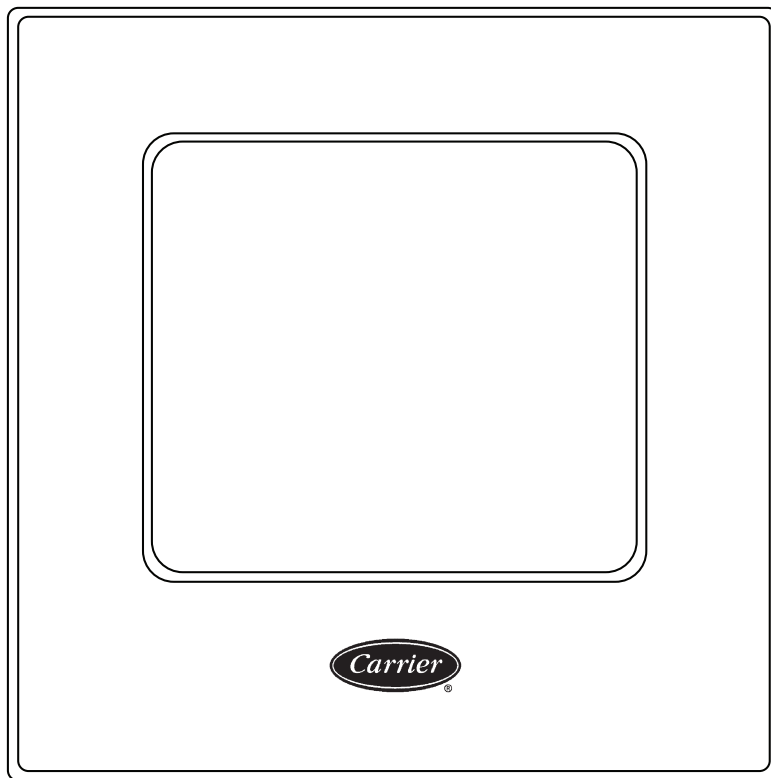




# Product Specification

# EDGE® Pro Programmable Commercial Thermostat

Part Numbers 33CS2PPRH-01 and 33CS2PP2S-01



Carrier's Edge Pro commercial programmable thermostats offer:

- sleek design with simplified two-wire installation
- humidity control capability (with 33CS2PPRH-01 thermostat only)
- proportional integral control of heating and cooling stages
- compressor lockout sensing with automatic switchover to emergency heat for heat pumps
- remote sensing and averaging
- compatible with electric heat, gas heat, and heat pump operation
- keypad lockout security
- heating and cooling set points with up to 6 hours of occupancy override
- 4 time/temperature settings can be programmed every 24 hours
- no batteries are required, user-configured settings are stored indefinitely
- expanded backlit display features mode and equipment status, occupancy, time of day, and outdoor air temperature

## Features/Benefits

**Carrier's 7-day, 5/2-day, or 1-day commercial programmable thermostats offer flexibility, quality, and reliability.**

The wall mounted, low-voltage thermostat that maintains room temperature by controlling the operation of an HVAC (heating, cooling and ventilation) system. Separate heating and cooling set points and auto-changeover capability allow occupied and unoccupied programming for energy savings.



As an Energy Star® partner, Carrier Heating and Cooling systems has determined that the programmable thermostats meet the Energy Star guidelines for energy efficiency.



# Specifications



The thermostat allows up to 4 time/temperature settings to be programmed in 24-hour intervals. The thermostat stores schedules for 7 independent days and batteries are not required. In the event of power interruption, the internal memory stores comfort schedules for an unlimited time. The clock will continue to run for 24 hours.

The 33CS commercial thermostat is capable of constant fan operation for 24 hours during continuous occupancy. During this time, the thermostat can be programmed and set points can be adjusted using occupied and unoccupied schedules. Additionally, the thermostat is capable of displaying outside or supply air temperature using the remote sensor input.

## Physical characteristics

Dimensions (L x W x D): 5.2-in. x 5.2-in. x 1.3-in. (single piece installation) or 0.9-in. (display only of two-piece installation)

Appearance: plastic material; silver metallic color; smooth cover

Weight: approx. 3/4 lb (single piece installation) or 1/2 lb (display only of two-piece installation)

## Power requirement

24 vac 50/60 Hz at 3 va

No batteries are required

## Environmental requirements

Temperature (display module):

Operating: 32 to 104 F (0° to 40 C)

Storage: -40 to 158 F (-40 to 70 C)

Temperature (control module):

Operating: -4 to 158 F (-20 to 70 C)

Storage: -40 to 158 F (-40 to 70 C)

Humidity: 0 to 95% RH, non-condensing

## Agency approvals

FCC Part 15, Subpart J compliant

Energy Star® qualified

CE Mark certified

## Electrical characteristics

Inputs: 24 vac, 50/60 Hz, 3 va

Outputs:

Minimum Load = 1000 W

Maximum Load = 2.0 A, 50% pf Inductive

Nominal Load Capacity = 1.5 Amps

## Temperature control

The thermostat uses proportional integral calculation to determine the number of stages required for heating or cooling to provide accurate temperature control.

## → Accessories

Remote Room Sensor (ZONECCORRS01)

Outdoor Temperature Sensor (TSTATXXSEN01-B)

# Dimensions

