

Programmable non-communicating wall thermostat



Carboline Radiant Ceiling Panels

Features and benefits

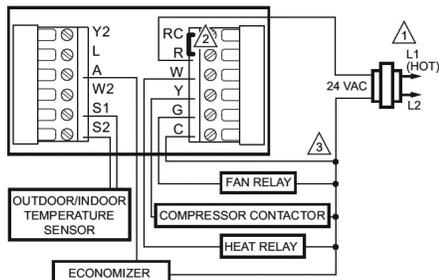
- Large, clear display with backlight shows the current and set temperature and time—even in the dark.
- Menu-driven programming make setup effortless.
- Touchscreen interaction.
- Real-time clock keeps time during power failures and automatically updates to daylight savings.
- “Saving Changes” notification lets you know when the schedule changes have been saved.
- Change reminders let you know when to replace the batteries.
- Holiday Override options allow you to override the program schedule, as desired.
- Speedy same-schedule programming.
- Armchair programming allows you to remove the thermostat from the wall for programming.

Thermostat description

Feature	Description
Changeover	Manual or auto changeover selectable
System setting	Heat-Off-Cool-Auto
Fan setting	Auto-On

Electrical ratings

Terminal	Voltage (50/60 Hz)	Running current
W (heating), Y (cooling), A (Economizer/TOD)	20-30 Vac	0.02 – 1.0 A
G (heating)	20-30 Vac	0.02 – 0.6 A



- ⚠ POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- ⚠ FACTORY INSTALLED JUMPER.
- ⚠ WHEN USING BATTERIES, THE 24V COMMON CONNECTION IS OPTIONAL.



Specifications

- **Temperature**
 - ♦ **Ratings**
Operating ambient: 0 °F to 120 °F (-18 °C to 49 °C).
Shipping: -30 °F to 150 °F (-34.4 °C to 65.6 °C).
 - ♦ **Display accuracy:** ±1 °F (±0.5 °C).
 - ♦ **Setpoint range**
Heating: 40 °F to 90 °F (4 °C to 32 °C).
Cooling: 50 °F to 99 °F (10 °C to 37 °C).
- **Humidity ratings (RH, non-condensing):** 5% to 90%
- **Cycle rates (at 50% load)**
 - ♦ Heating: selectable 1-12 cycles per hour.
 - ♦ Cooling: selectable 1-6 cycles per hour.
- **Interstage differential**
 - ♦ Droopless control. Once the first stage is running at 90% load, the thermostat energizes the second stage.
- **Cool indication**
 - ♦ Displays “Cool On” when Cool is activated.
- **Heat indication**
 - ♦ Displays “Heat On” when Heat is activated.
- **Auxiliary heat indication**
 - ♦ Displays “Aux. Heat On” when Auxiliary Heat is activated.
- **Clock accuracy**
 - ♦ ±1 minute per month.
- **Finish**
 - ♦ Premier White® color.

