



33CS

Debonair™ Thermostats



SETTING A NEW INDUSTRY STANDARD

The Most Specified Features in an Affordable Thermostat.

From the world's largest manufacturer of HVAC solutions comes a line of feature rich commercial thermostats called Debonair™. Because these thermostats bear the Carrier name, you know they integrate the latest comfort technologies, such as a wireless remote and light activation. Plus, they have all the energy-saving features you'd expect from any Carrier product.

Making the decision to specify a Debonair thermostat is easy. It doesn't matter what type of heating or cooling equipment is in place, or to be installed, since these thermostats work with virtually all HVAC products. Additionally, Carrier's Debonair Thermostats deliver the features most requested by building owners and managers, at an extremely competitive price.

You simply won't find another thermostat that delivers so many specifiable features – making Debonair the most attractive thermostat value available anywhere today.



Beautifully designed to complement any interior, these thermostats address a wide variety of most building owners' concerns – ranging from programmability to energy savings to security.

Debonair Thermostats... Easy to Use and Easy to Read.

Carrier Debonair thermostats are available in non-programmable as well as 7 day and 5-1-1 programmable.

High and low setpoints can be adjusted from 35°F to 99°F.



Continually lit display, or automatic shutoff 8 seconds after button push.

Larger numbers are easy to read day and night.



The Debonair² & 220... Precise Comfort Control With All the Right Features.

Carrier's Debonair² and 220 thermostats are designed with a wide array of popular operational features ranging from energy savings to security. In fact, all of the following features are standard on all Debonair thermostats.



1-For-All Control All models work on 4 or 5 wire systems. No more playing the subbase guessing game as these thermostats work on gas, electric, heat pump (O&B terminals), hydronic and two-stage heat/cool systems. You always have the right thermostat for the job.

Large Thermoglow™ Display dual temperature setpoints are easy to see – day or night – and can be adjusted to display degrees in Celsius or Fahrenheit.

Red/Green LED Indicates whether system is calling for heating or cooling.

1 Degree Accuracy Controls temperature to within 1 degree of setpoint, providing precise comfort.

No Batteries Required/Non-volatile Memory Storage No loss of programming or information should a power outage occur. NeverLost™ memory provides peace of mind.



Service Filter Indicator Maintains indoor air quality by indicating when a filter needs to be cleaned or changed.

7 Day Programmability Allows the user to personalize the thermostat with up to 4 time periods per day.



Copy Day Command Facilitates easy programming.

5-1-1 or 7 Day Programmability Personalize the thermostat with up to 4 time periods per day.

Holiday Programming Permits the user to program the thermostat to remain at unoccupied setpoints up to 99 consecutive days per year.

4 Hour Setback Override Timer Returns the system to the programmed setting after an override has occurred – saving on energy costs – and is adjustable in 30 minute increments.

Smart Fan Helps save energy by running only during occupied periods or when the system calls for heating or cooling in unoccupied periods.

Continuous Fan Ideal for restaurant applications, this feature runs your system's fan independent of keypad activity.

3 Security Levels Adjustable setpoint limiting and locking keypad ensures that only authorized users can change settings, if needed.

ExactFit Locking Cover Provides added security by only allowing authorized individuals access.

5 Minute Compressor Timeguard Protects HVAC equipment by preventing compressor short-cycling and limits the number of cycles per hour with an adjustable cycle limit.

Optional Light Sensor Maximizes energy savings by automatically activating thermostat when overhead lights are on and reverting to setback when they're off. A perfect complement to motion sensor lighting installations. (Not available in FlatStat™.)

Debonair²⁵⁰ Thermostats... All the Features of the Debonair²²⁰ with Increased Comfort, Control and Operating Features.

For commercial applications that require more advanced performance, consider installing Carrier's Debonair²⁵⁰ thermostats. Each incorporates the same state-of-the-art advanced features found in our Debonair²²⁰ thermostats, as well as the following additional benefits.



Pre-occupancy Purge

Enhances indoor air quality by initiating the fan before programmed occupancy time.



Soft-start for up to 100 Units
Ensures that there is no sudden power peak by staggering

multiple equipment start-ups.

Auxiliary Relay (Economizer Control) This energy-saving relay signals the equipment to draw outside air rather than initiate its heating or cooling modes during occupied periods.

Wireless Sensor Averaging To continually monitor, average and deliver precise comfort to any zone, these sensors can be used in any combination of up to 16. Wireless feature allows complete placement flexibility and reduces installation costs.

External Input Allows the thermostat to be controlled by a remote time clock or occupancy sensor.

Optional Remote Room Sensor This tamper-proof feature provides extra security in public areas.

The Debonair²⁵⁰ Light Activated contains all the features found in the Debonair²⁵⁰ as well as:



Built-in Light Sensor Maximizes energy savings by automatically activating thermostat when overhead lights are on and reverting to setback when they're off. A perfect complement to motion sensor lighting installations.

The Debonair²⁵⁰ Wireless and Receiver contains all the features found in the Debonair²⁵⁰ as well as:



Wireless Remote Control The ultimate in flexibility! No wiring or drilling is required, dramatically reducing your costly installation time. Install it anywhere within 500 feet of the source equipment.

Flexible Control Options Up to 4 thermostats can be placed in convenient monitoring locations – all feeding into one receiver – with the last thermostat touched in command. (Requires a simple wire connection of receiver into HVAC equipment.)



418MHz Transmission Uses pulse code modulation to ensure non-interference with other systems.

Multiple Unit Codes Can be linked with up to 16 separate HVAC units within a building.

The Debonair⁷¹ contains all the features found in the Debonair²⁵⁰, except programmability. It is, however, equipped with an external input, allowing activation by an external time clock, building automation system or occupancy sensor.



The Carrier Debonair Commercial Thermostat Product Line...

**Debonair 2
Non-Programmable**
33CSSN2-WC



**Debonair 2
Programmable**
33CSSP2-WC



Debonair 220
33CS220-01



**Debonair 220
Light Activated**
33CS220-LA



**Debonair 220
FlatStat™**
33CS220-FS



Debonair 250
33CS250-01



**Debonair 250
FlatStat™**
33CS250-FS



**Debonair 250
Light Activated**
33CS250-LA



Debonair 71
33CS071-01



**Debonair 250
Wireless & Receiver**
33CS250-RE/RC



J
Box

*Carrier's FlatStat mounts
flat to any wall and fits
all standard 2" x 4"
Junction (J) Boxes!*

Debonair Accessories

Remote Room Sensor

33CSSEN-01

Ideal for high security areas.



Wireless Remote Room Sensor

33CSRFS-RC-RE

Up to 16 sensors (configured in any combination) transmit data to one sensor for temperature averaging. Also equipped with a manual override button.



Remote Room Sensor with Override

33CSSEN-WB

This sensor incorporates a manual override button to deliver comfort outside of pre-set hours of operation.



Light Activated Remote Room Sensor

33CSSEN-LA

This energy-saving sensor also incorporates a manual override button to deliver comfort outside of pre-set hours of operation.



Outdoor Temperature Sensor

33CSSEN-01

When installed with the Debonair 71, this monitor-only sensor allows customer to view outdoor temperature.



Add-A-Subzone

33CSACC-AZ

For hard-to-control areas, this device adjusts two-position residential dampers to deliver precise on-demand comfort to occupants.



Remote Duct Sensor

33CSSEN-DS

Adds an additional level of air temperature monitoring. Each sensor is plenum grade rated.



Add-A-Wire

33CSACC-AW

Eliminates costly rewiring when upgrading from a 3- to 4- or 4- to 5-wire configuration, or when wire breakage has occurred. Makes one thermostat wire function as two.





As the world leader in Heating, Ventilation and Air Conditioning, Carrier is committed to continually improving the quality of comfort we provide to our customers.

But our level of responsibility extends well beyond...

Carrier Corporation has identified six specific areas which directly impact how we, as a world manufacturer, balance our customers' needs for comfort with the environment's needs for responsible consumption.

These symbols graphically represent our six areas of concentration and will serve as visual reminders of the importance of managing our finite resources.

Each one of us at Carrier Corporation believes that, for generations to come, success will not only be measured by the quality of our products and systems, but also by how we have improved the quality of life.



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Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.