

## Product Data

### INFINITY™ REMOTE ACCESS MODULE

Carrier® Corporation specializes in creating a customized home comfort system tailored to your needs with our broad selection of residential heating and cooling products. The Infinity™ System WiFi Broadband Remote Access Module (WiFi B-SAM), part number SYSTXCCRWF01, adds further convenience, ease of use, and peace of mind to the power of the Infinity Control for the owner of this leading residential/light commercial HVAC system.

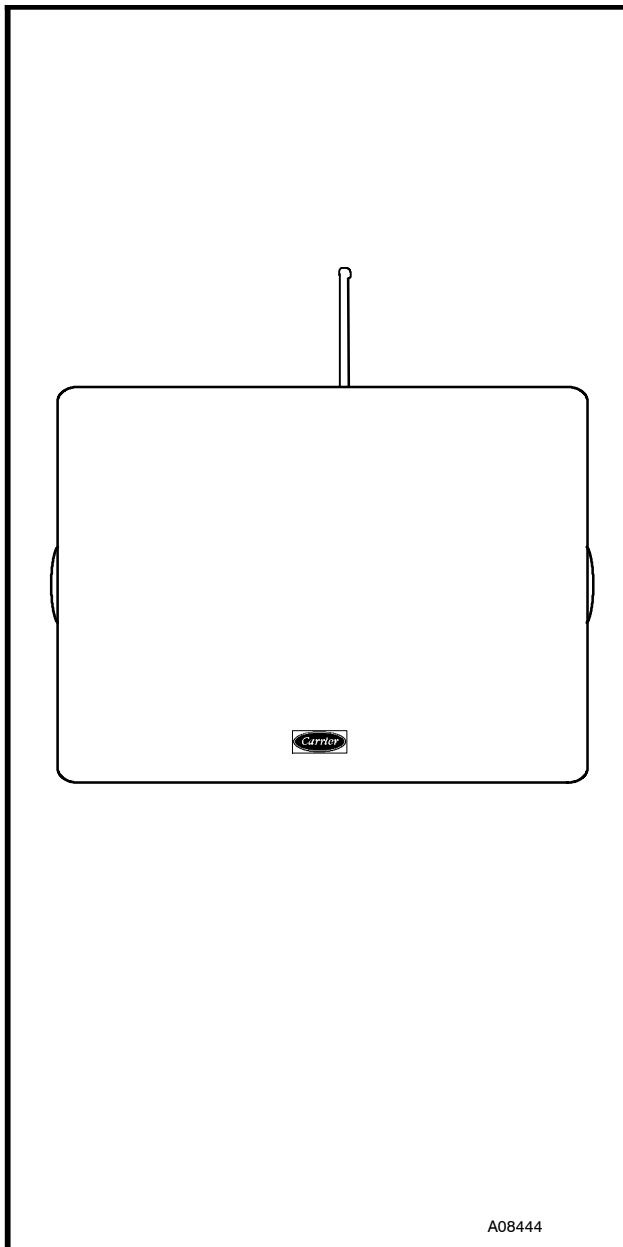
The WiFi B-SAM allows the user to access a system with up to 8 zones of comfort\* via the Internet from a remote location outside the home, at any time. The user will be able to both monitor, and modify settings through the Internet that will immediately be reflected in the home, alongside check outdoor temperature (when sensor is installed) and indoor humidity. The WiFi B-SAM requires registration of the module into a wireless-capable high-speed/broadband Internet router (see System requirements for details).

\* Zoned applications require Infinity Zone Control, p/n: SYSTXCCUIZ01-B with version 14 operating system, or higher.

### INDUSTRY LEADING FEATURES / BENEFITS

The WiFi B-SAM uses state of the art technology to control Infinity Systems via telephone and Internet. The system also offers enhanced peace of mind through telephone and email routine and urgent maintenance notifications.

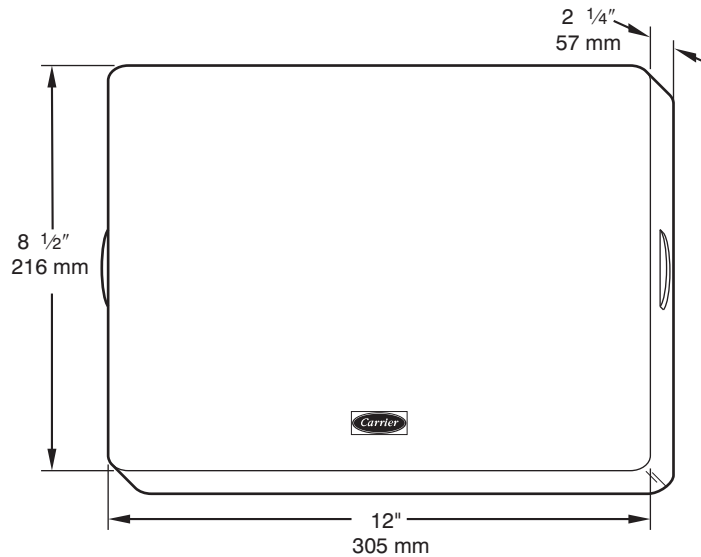
- 3-wire installation into the Infinity System wire bus
- Internet access into your Infinity System
- Telephone access into your Infinity System
- Check your system status and change settings from anywhere
- Intuitive web navigation for non-technical customers
- Easy to program a schedule with day and week-at-a-glance programming
- Override your system schedule on the run
- Schedule a future vacation setting
- Emails and calls for routine maintenance reminders
- Emails and calls for urgent service reminders
- Dealer can diagnose a system problem remotely
- Optional Home Automation capabilities through an RS-232 port. Communicate information through an open ASCII protocol



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## MODEL NUMBER NOMENCLATURE

SYSTX	CC	RWF	01
Product Type	Brand	Connection	Version
Infinity System	Carrier	WiFi (Wireless) Broadband	Numeric



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## PRODUCT DATA INFORMATION

### Computer Requirements

The WiFi B-SAM uses a web-based application to control and monitor the Infinity System. This application will work with any PC operating system (Microsoft, Apple, Linux). The web-based application is optimized for use with Microsoft's Internet Explorer version 6 and above. Other web browsers are compatible with some possible screen formatting issues.

### Compatible Products

Requires -B Series User Interface SYSTXCCUID01-B (version 14 or higher) or -B Series User Interface SYSTXCCUIZ01-B (version 14 or higher) for zoned applications

Air Conditioning units - Any

Heat Pumps - Any

Gas Furnace - Any Carrier variable speed furnace

Fan Coils - FE

Small Packaged Products - Any Infinity capable Small Packaged Unit

### Physical Characteristics

Dimensions: See drawing

Appearance: Plastic, white colored, textured

### Electrical Characteristics

Input Volts/Amps 24 VAC.

The Remote Access Module has a three wire connection to the Infinity System wire bus. It is recommended that the following color code be used when wiring:

A - Green = Data A

B - Yellow = Data B

C - White = 24VAC (Com)

The WiFi B-SAM ships from the factory with a 110v to 24v transformer.

## Communication

For model SYSTXCCRWF01, the WiFi B-SAM communicates to Carrier's servers through the homeowner's internet service provider. The WiFi B-SAM is connected to the homeowner's router through its built-in wireless IEEE 802.11b network connection.

Each WiFi B-SAM has a specific serial number and MAC address. These numbers identify a profiled Infinity System when logging into [www.myinfinity.carrier.com](http://www.myinfinity.carrier.com) for the first time. See Fig. 1 for number location.

## Wiring Requirements

**Power supply:** Dedicated 110V wall plug-in transformer provided with WiFi B-SAM. This is wired into 24VAC+ and 24VAC- terminals on the WiFi B-SAM communication 3 wire connection (ABC) connected to any other ABC(D) terminal on the Infinity System.

**Wiring material:** Standard thermostat wire 18 to 20 AWG.

## Environmental Requirements

### Operating Temperature/Relative Humidity:

Remote Access Module: 32°F / 0°C to 104°F / 40°C, 95% rh non-condensing

### Storage Temperature

Remote Access Module: -40°F / -40°C to 134°F / 57°C, 95% rh non-condensing

### Applications:

Allows Internet and telephone access for your Infinity System.

RS-232 port used for Home Automation integration.

## Features and Benefits:

- Internet access into your Infinity System
- Telephone access into your Infinity System
- Check your system status and change settings from anywhere
- Intuitive web navigation for non-technical customers
- Easy to program a schedule with day- and week-at-a-glance programming
- Override your system schedule on the run
- Schedule a future vacation setting
- Emails and calls for routine maintenance reminders
- Emails and calls for urgent service reminders
- Dealer can diagnose a system problem remotely
- One WiFi B-SAM can handle up to two Infinity Systems
- Optional Home Automation capabilities through an RS-232 port. Communicate information through an open ASCII protocol

## EQUIPMENT

DESCRIPTION	SAP ORDER NUMBER
Remote Access Module WiFi Connection	SYSTXCCRWF01

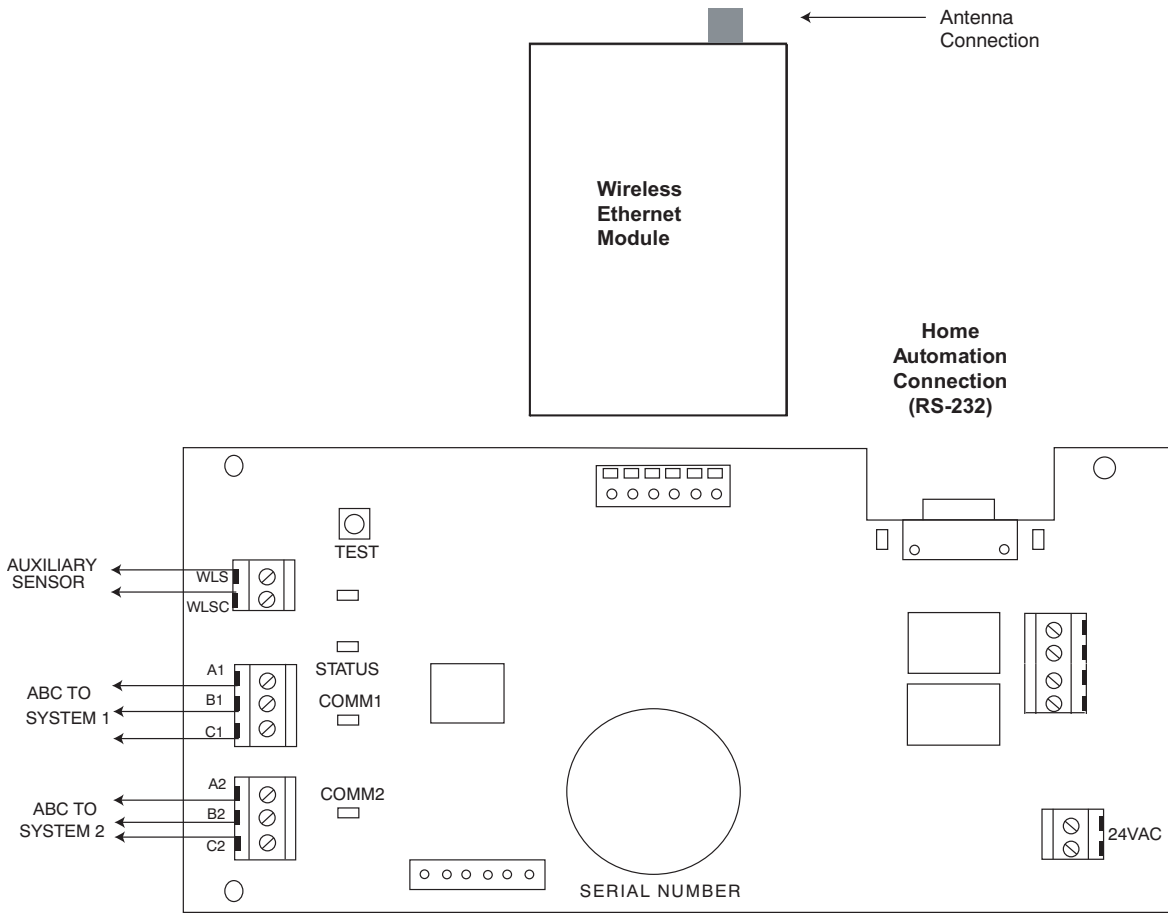


Fig. 1 - WiFi Module Control Board

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