Product Data

INFINITY™ REMOTE ACCESS

Carrier specializes in creating a customized home comfort system tailored to your needs with our broad selection of residential heating and cooling products. The Infinity™ Zone Control System is the ultimate control center for all your system components. When you add an Infinity™ Zone Control to a compatible variable speed furnace, fan coil or small packaged product, you’ll enjoy longer heating and cooling cycles at lower fan speeds for a more consistent temperature throughout your home. By adding an Infinity™ or Performance compatible outdoor unit, your benefits will increase even more. They include better humidity and temperature control as well as a more energy efficient comfort system.

Infinity™ Remote Access will add simplicity, convenience, and peace of mind to your comfort experience. Control systems with up to 8 zones of comfort from the Internet and/or telephone.

INDUSTRY LEADING FEATURES / BENEFITS

Carrier’s Infinity™ Remote Access 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
PRODUCT DATA INFORMATION

Compatible Products
SYSTXCCUID01-A
SYSTXCCUIZ01-A
58MVB - 90% Furnace
58CVA - 80% Furnace
FE - Fan Coil
50CE, 50CR, 48CE, 48XZ - 13 SEER SPP
50DU, 50DT, 48DU, 48DT - 14 SEER SPP

Physical Characteristics
Dimensions: See drawing
Appearance: Plastic, white colored, textured

Electrical Characteristics
Input Volts/Amps 24 vac.
The System 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 = 24V AC (Com)
The SAM ships from the factory with a 110v to 24v transformer.

Communication
The SAM communicates wireless messages through the Skytel network. Please verify Skytel coverage by going to www.skytel.com. Check for 2-way paging coverage.
Each SAM has a specific serial number and pin number. These numbers identify a profiled Infinity™ system when logging into 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 SAM. This is wired into 24vac+ and 24vac- terminals on the 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:
System Access Module: 32°F to 104°F, 95% rh non-condensing
Storage Temperature
System Access Module: -40°F to 134°F, 95% rh non-condensing
Applications:
Allows Internet and telephone access for your Infinity System.
RS-232 port used for Home Automation integration.

Program Specifications:
• 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 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

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<tr>
<th>DESCRIPTION</th>
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<td>System Access Module</td>
<td>SYSTXCCSAM01</td>
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Fig. 1 - System Access Module Control Board