

Product Data



EVOLUTION™ REMOTE ACCESS

Bryant specializes in creating a customized home comfort system tailored to your needs with our broad selection of residential heating and cooling products. The Evolution™ Zone Control System is the ultimate control center for all your system components. When you add an Evolution™ 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 Evolution™ or Preferred 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.

Evolution™ 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

Bryant's Evolution™ Remote Access uses state of the art technology to control Evolution™ 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 Evolution™ System wire bus
- Internet access into your Evolution™ System
- Telephone access into your Evolution™ 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

SYSTXBUID01-A
SYSTXBUIZ01-A
355MAV - 90% Furnace
315(A/J)AV - 80% Furnace
FE - Fan Coil
704C, 604C, 574C, 674B - 13 SEER SPP
707B, 607B, 577B, 677B - 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 Evolution™ 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 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 Evolution™ system when logging into www.myevolution.bryant.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 Evolution™ 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 Evolution System.

RS-232 port used for Home Automation integration.

Program Specifications:

- Internet access into your Evolution™ System
- Telephone access into your Evolution™ 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 Evolution™ systems
- Optional Home Automation capabilities through an RS-232 port. Communicate information through an open ASCII protocol

SYSTXBBSAM01

EQUIPMENT

DESCRIPTION	ODS ORDER NUMBER
System Access Module	SYSTXBBSAM01

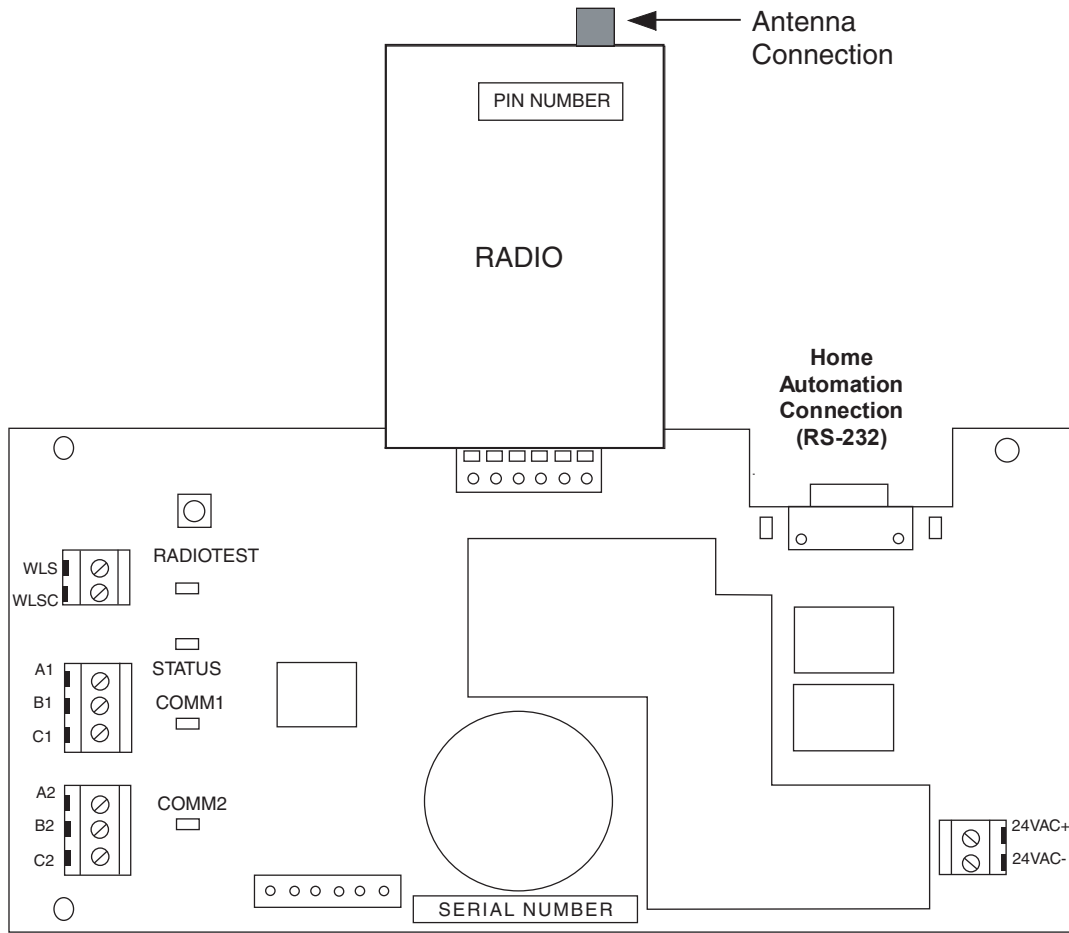


Fig. 1 - System Access Module Control Board

SYSTXBBSAM01

