



2024 Infinity/Evolution Controls Training

Instructor
NAME



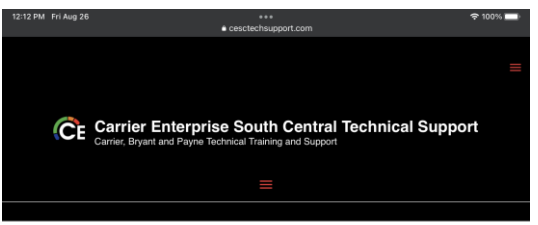
Carrier Enterprise South Central Technical Support
Carrier, Bryant and Payne Technical Training and Support



Technical Support & Training Website

cesctechsupport.com

Tablet View



Desktop View



Mobile View



NEW Training Website for Fall 2022
[Click Here for FAQ's](#)

WELCOME TO CARRIER ENTERPRISE'S TECHNICAL SUPPORT SITE



Turn to the experts





Heating & Cooling Systems

Welcome to Carrier Enterprise's Technical site, built by HVAC tech's for HVAC tech's. Our goal is to help today's HVAC Technician gain a better understanding in installation, operation and servicing of the Carrier, Bryant, and Payne equipment. As products continue to be enhanced with improvements and technology advancements that are incorporated into the equipment.

We start by providing first class instruction to each technician that attends our training. Our goal is to enhance each technician's knowledge level in HVAC fundamentals, as well as in the areas of Carrier, Bryant and Payne equipment. As a result, installation and troubleshooting efficiency will increase, leading to an increase in your technician's profitability. Whether it is in our training rooms or utilizing our new virtual web classroom, your technicians will receive an education that is second to none.

All In-person, Zoom & Self-Study technical training courses are eligible for NATE

NEW Training Website for Fall 2022
[Click Here for FAQ's](#)

WELCOME TO CARRIER ENTERPRISE'S TECHNICAL SUPPORT SITE



Welcome to Carrier Enterprise's Technical site, built by HVAC tech's for HVAC tech's. Our goal is to help today's HVAC Technician gain a better understanding in installation, operation and servicing of the Carrier, Bryant, and Payne equipment. As products continue to be enhanced with improvements and technology advancements that are incorporated into the equipment.



Need a Carrier manual? Click here!

Need a Bryant manual? Click here!

NEW Training Website for Fall 2022
[Click Here for FAQ's](#)

WELCOME TO CARRIER ENTERPRISE'S TECHNICAL SUPPORT SITE





Technical Support & Training Website

cesctechsupport.com

- Dealer training calendar
- Training registration
- Self-Study Courses (4 Infinity qualifying)
- Manager role (Register your techs for training)
- See your scheduled training
- See all training orders
- See all your submitted forms
- 60+ troubleshooting, service & installation videos
- Troubleshooting guides
- Numerous service manuals available
- VFR checklist and manuals
- RTU replacement quote form (Inside sales)
- 8 Field reporting & troubleshooting forms
- TIC's and Bulletins (back to 2019)
- Serial number decoder
- Technician mentoring request form

and much more being added daily...

Let's look at the new website. If you have any questions, please ask.



**VERY IMPORTANT – IF YOU DO NOT
HAVE A LOGIN FOR
[CESCTECHSUPPORT.COM](https://cesctechsupport.com), PLEASE
SCAN THE QR CODE TO GET
REGISTERED**



**If you just registered or do not see this
class within your
“Purchased Zoom Meetings” please
scan the below QR
Code and add/enroll in the course**



Infinity/Evolution Controls Course
Page Link



Helpful Mobile Apps

CE HVAC Pro+™ Mobile App

Our mobile app gives you access to everything you need to be successful in the field.



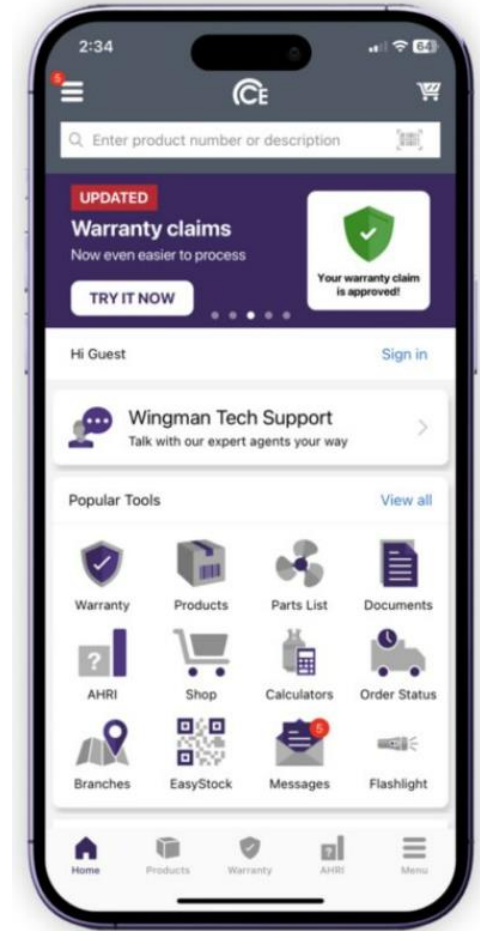
Scan the QR code to download the CE HVAC Pro+™ Mobile App from your app store.



Carrier Service Tech App



Bryant Service Tech App

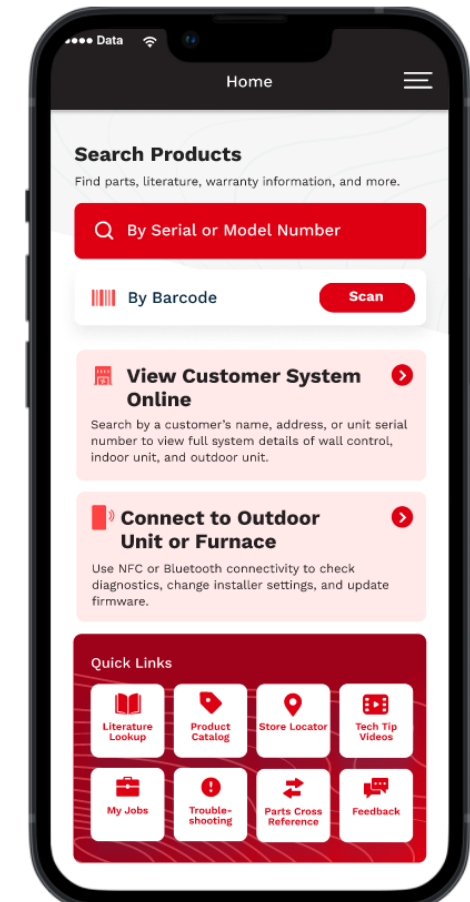
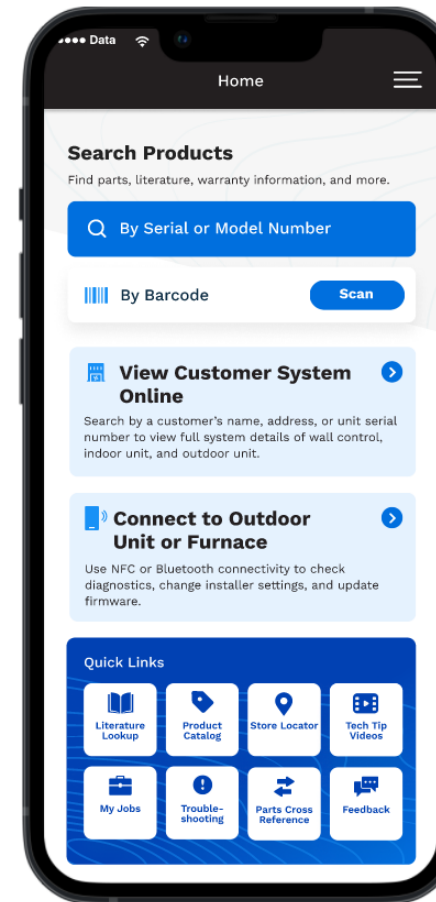


Available on all Apple® & Android® Phone and Tablet Devices



Carrier/Bryant Service Technician Apps – One Page Summary

- **NEW!** User Interface & Quick Links
- **NEW!** Customer System Online search customer's equipment profiles
- **NEW!** Near Field Communication (NFC) with select furnaces
- **NEW!** IntelliSense Mid-Tier Equipment
- **NEW!** Remote Diagnostics (Test Equipment) – (Mid-Tier IntelliSense)
- Barcode scanning of unit's serial or model number
- Warranty entitlement & service history
- Literature list for models and ability to search all available literature
- Product Catalog model lookup
- Bill of Material parts list including part supersession
- Bluetooth Connectivity to pair to select outdoor equipment
- Aftermarket components cross reference tool
- Tech Tips videos for installation guides, interactive troubleshooting help





Wingman Tech Support Assistance



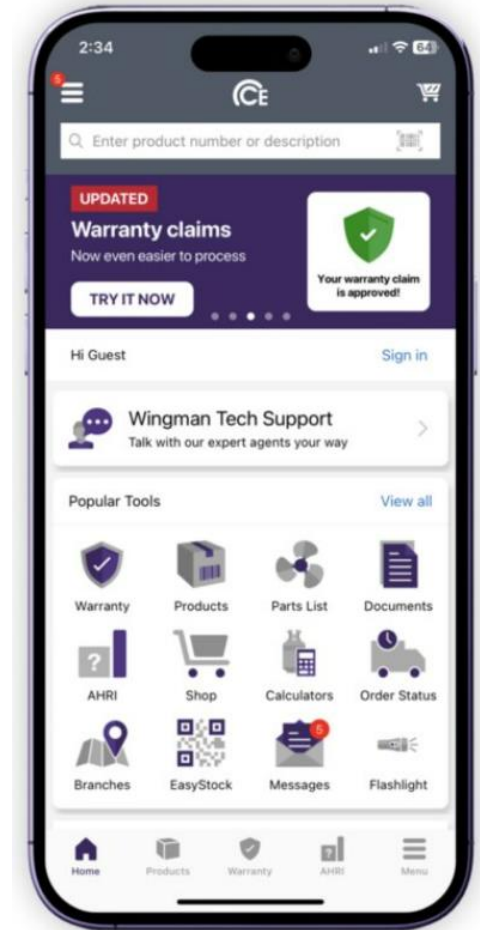
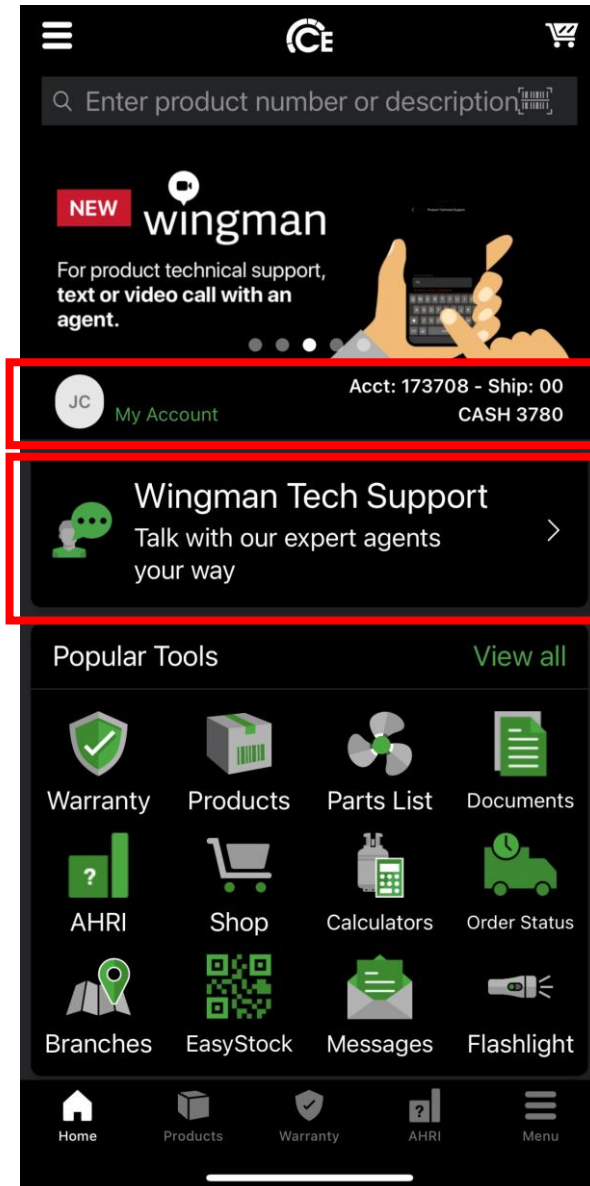
CE HVAC Pro+™ Mobile App

Watsco, Inc.

★★★★★ 4.6, 212 Ratings

Free

You will need the CE app installed on your phone or tablet and you must be logged into your account. (If you have questions on how to get a login, please contact your salesman for assistance)



Available on all Apple® & Android® Phone and Tablet Devices




Wingman Tech Support Assistance

< Product Technical Support >


EXPRESS SUPPORT


The fastest way to communicate with one of our agents your way!

 **Request technical support** >
Phone, Text or Video with our experts

Dashboard

Model: **39MN12D02198W33XGS**
Status: **Closed** >
call me please
Preferred Contact Method: Phone

 **FAQs** >
Common questions and answers

 **Feedback** >
Send us your feedback

Home Products Warranty AHRI Menu



< Product Technical Support >

First Name • Last Name •

Company •
CASH 3780

Preferred Contact Method •
Phone ✓

Phone number •

Scan or enter serial number  

Model number

How can we help you? •

☐ User accepts this may be recorded for quality and training purposes, see [terms and conditions](#).

SUBMIT

Home Products Warranty AHRI Menu



LIVE TRAINING TEST

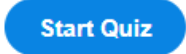
A passing grade of **75** is required in order to receive credit for the class.

If you fail to pass the test the first time you may re-take the test again but if you do not pass the test the second time you will be required to retake the course.

****ALL QUIZZES & TEST MUST BE COMPLETED BY MIDNIGHT OF THE SAME DAY AS THE CLASS/COURSE – NO EXCEPTIONS****



HOW TO ACCESS THE QUIZ/TEST

- Click “My Account”
- Find “Your Courses”
- Select the appropriate course
- Scroll to “Course Content”
- Click into “Quiz” or “Test”
- Find “Lesson Content”
- Click into “Quiz” or “Test”
- Click 
- Answer all questions and submit

****ALL QUIZZES & TEST MUST BE COMPLETED BY MIDNIGHT
OF THE SAME DAY AS THE CLASS/COURSE
NO EXCEPTIONS****



Rest Room Breaks



Go When You Gotta Go! Just Hurry Back.
Cause We Ain't Waitin!



Infinity/Evolution Controls Day 1



-B Controller



turn to the experts™

Infinity® Touch
User Interface



-C Controller



Heating & Cooling Systems

EVOLUTION® CONNEX™
User Interface



Features/Benefits



Features/Benefits

- Carrier's Infinity[®] System Control and Bryant's Evolution[®] System Control are the smart controls of the future. Their unique system self-configuration and diagnostics capabilities make installation and service fast and accurate, helping to avoid costly call-backs.
- They feature a high-resolution display, making it easier to read. Intuitive prompts let you program everything from humidity levels to fan speeds, giving you the ultimate control over your home comfort.



Features/Benefits

Features Include:

- Longer cooling and heating cycles at lower fan speeds which lead to
 - Consistent space temperature
 - Consistent space humidity
- State-of-the-art diagnostics
- Fast simple installation
 - Self-configuring system
 - 4-wire communications
 - 4-wire indoor
 - 2-wire outdoor





Features/Benefits

Features Include (Cont.):

- 4-wire installation from each major component in the system
- 2-wire connection to communicating outdoor equipment (including geothermal split units)
- Infinity®/Evolution® Zoning System compatibility
- Occupancy sensing to provide comfort when spaces are occupied and energy savings when they're not
- Intuitive on-screen prompts for ease of installation and service
- Ideal Humidity System™ settings are the default; no longer requiring increased system setup
- Complete integration of the temperature, humidity and ventilation in every season



Features/Benefits

Features Include (Cont.):

- For Zoned Systems, auto mode selection to satisfy simultaneous heating and cooling demands in different zones via more aggressive Auto Changeover algorithm--*installer must enable*
- 7-day programmability with Lifestyle Comfort Profiles and Touch-N-Go® features; complies with California Title 24 programmability requirements
- Easy timed-override schedule
- Simplified vacation schedules
- Day-at-a-glance programming for simplified ease of use
- Programmable fan by period
- TrueSense™ Dirty Filter Detection
- Indoor Air Quality pop up service reminders
- General maintenance reminder messaging
- Wi-Fi® remote access capability



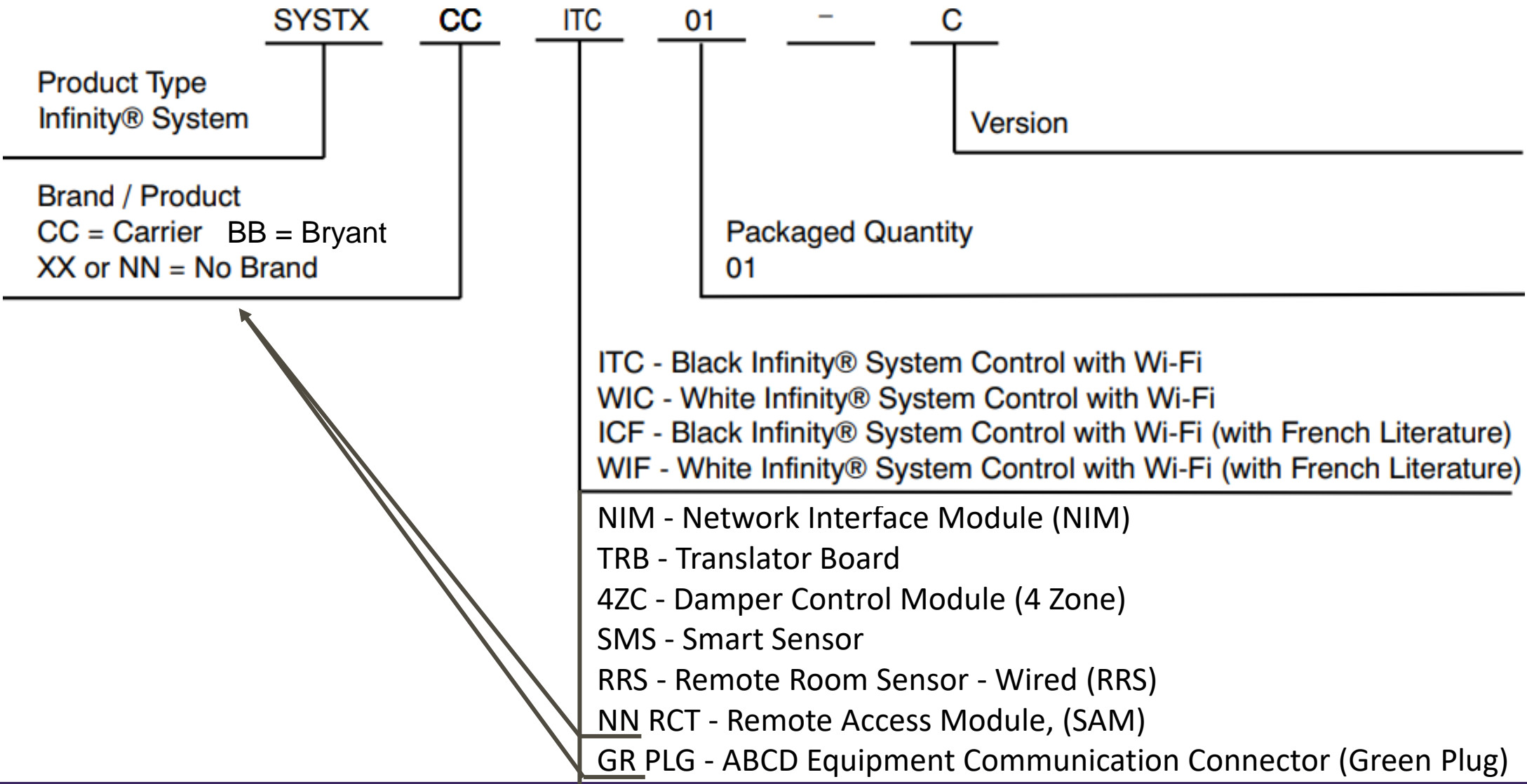
Features/Benefits

Features Include (Cont.):

- For Series B upload photo, dealer info, and software updates locally via MicroSD card. Software updates available automatically when connected to the Infinity web server
- Series B controls are compatible with home automation through the SYSTXNNRCT01 system access modules, or Amazon TM Alexa TM interface.
- Compatible with Infinity[®] System geothermal products (GC and GZ models). Energy Tracking feature for geothermal systems is available with Entering Water Temperature sensor installed in heat pump.



Model Number Nomenclature





Compatible Communicating Products

Compatible with Infinity® Evolution® System indoor and outdoor equipment built since 2004:

- Furnaces, Fan Coils, Condensing Evolution & Infinity units and Heat Pumps
- Evolution & Infinity ERV & HRV
- Home Automation Systems with API (Application Programming Interface)
- Wi-Fi
- *Not all control features are backward compatible*
 - Low ambient control
 - Auto defrost





User Interface Overview

- User Interface used with:
 - Communicating (ABCD wired) split systems or SPP
 - Partially communicating split system
 - Communicating indoor unit (ABCD wired)
 - Non-communicating outdoor unit with NIM
- Full system features available through ABCD wiring
- Limited system features without ABCD wiring
- User interface may be replaced by a normal thermostat

Only in Emergency Situations



System Configuration

- System configuration decisions to identify:
 1. The type of system
 2. Equipment type
 3. Outdoor unit compressor staging
 4. Outdoor unit type
 5. Outdoor unit size
 6. Accessories installed
 7. Zoned systems
- Fully communicating split systems
 - 1 to 5 and 7 are done automatically
 - 6 is done manually
- Partially communicating split system 3, 4, 5, 6 are done manually





Root Screen Temperature Display

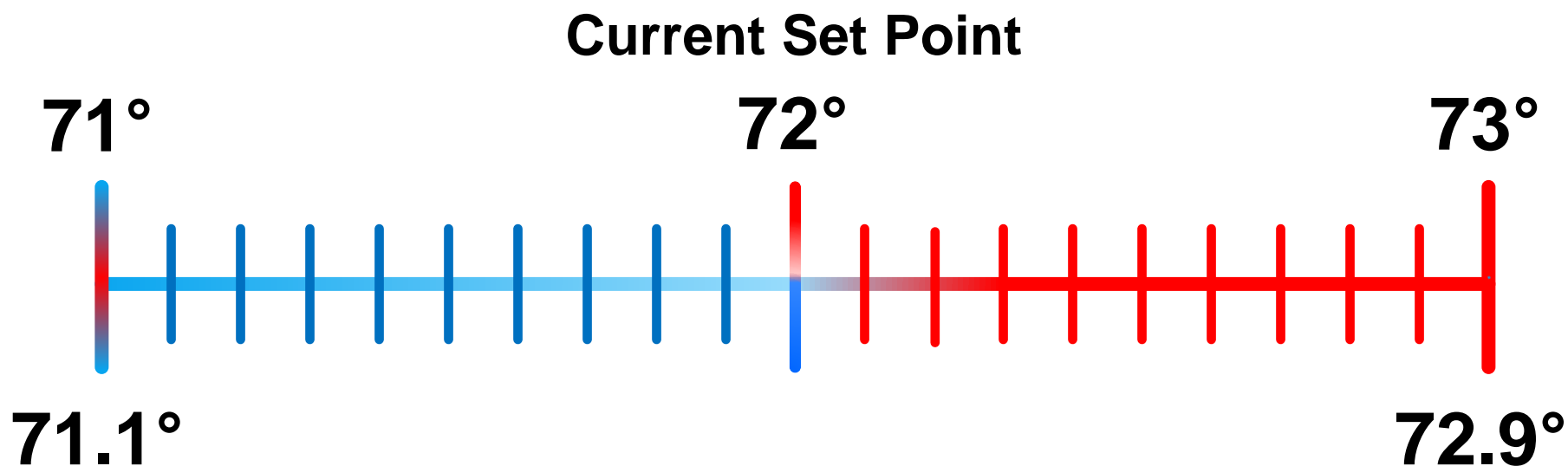


- Rounding
- The temperature displayed on the screen is rounded toward the set point.
- It only changes at the xx.0 mark.
- 70°F can be anywhere from 69.1°F to 70.9°F.
 - It won't change to 71°F until 71.0°F. It won't change to 69°F until 69.0°F. Once it changes, it won't change back to 70°F until 70.0°F.



Temperature Display

- Why is the unit running when the temperature is set to 72° and the actual temperature *is* 72°?
- Our electronic controls round toward the set point. If the actual temperature is within 0.9° degrees of set point, the actual temperature shown will match the set point.
- If the set point is 72° degrees, the actual temperature can be anywhere between 71.1° and 72.9° and the temperature displayed will be 72°.





Remote Access Responses

When using a smart phone or tablet, the UI response is not instantaneous. The UI pings the server 3 times per minute when you are logged in to your account. When you are not logged in to your account, the UI pings the server 1 time per minute.

If you go to the UI and touch the controller after making a change on one of your apps, you may cancel the request for the settings change. When there is a change at the app and there is also a change at the UI, the UI wins. Do not run to the UI right after making a change on the web page or with an app to see if the UI settings have changed.

You have to be in the UI's home screen, or the UI will not accept the command from the mobile device or computer.



HOME SCREEN



TEMPERATURE ADJUST SCREEN



Software Updates





First – Update Wall Control



- ▶ Check Control Software Version
- ▶ Current –B version of firmware is 4.47
- ▶ Control must be a Series B or greater model:

Carrier Infinity

- ✓ SYSTXCCITC01-B Black Face
- ✓ SYSTXCCWIC01-B White Face

Bryant Connex

- ✓ SYSTXBBITC01-B Black Face
- ✓ SYSTXBBWIF01-B White Face



Version 4.47 Release Notes

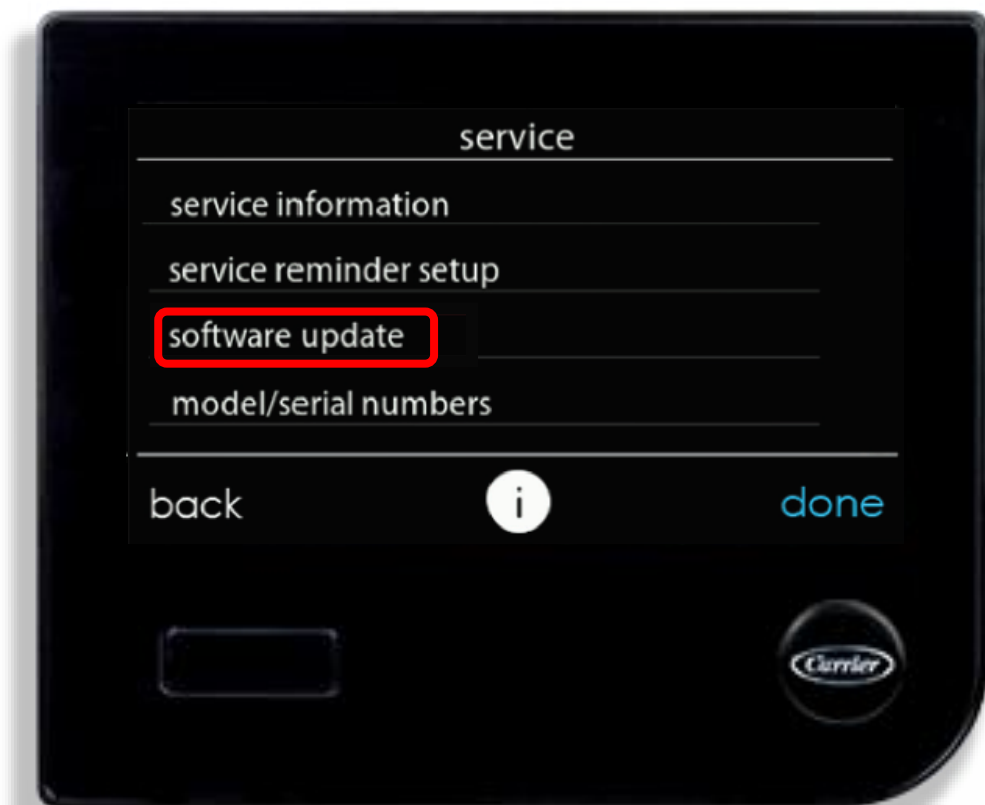
Version 4.47 (August 2023)

Version 4.47 software includes the following updates to the Series B Carrier® Infinity® System Control:

- Integrate New Communicating gas furnace model into the System Control
- Integrate New Communicating Fan Coil model into System Control
- A2L (R454B Refrigerant) Mitigation Response
- Create user adjustable setpoint limits for both heating and cooling
- System monitor to not alert for over-cool to dehumidify while in the Away profile
- Fixed ventilator and humidifier fields on the 'equipment operating status' screen to properly reflect if either accessory is operating
- Improved OTA speed for wall control
- Changed text on UI to "enable/disable" system monitor versus "on/off"
- Improved reference in the 'system malfunction' screen as the originator of the malfunction
- Added more V coil models
- Corrected possible short cycling, cooling call not responding and continuous fan momentarily stopping from version 4.38



Step 1 – Updating The Wall Control

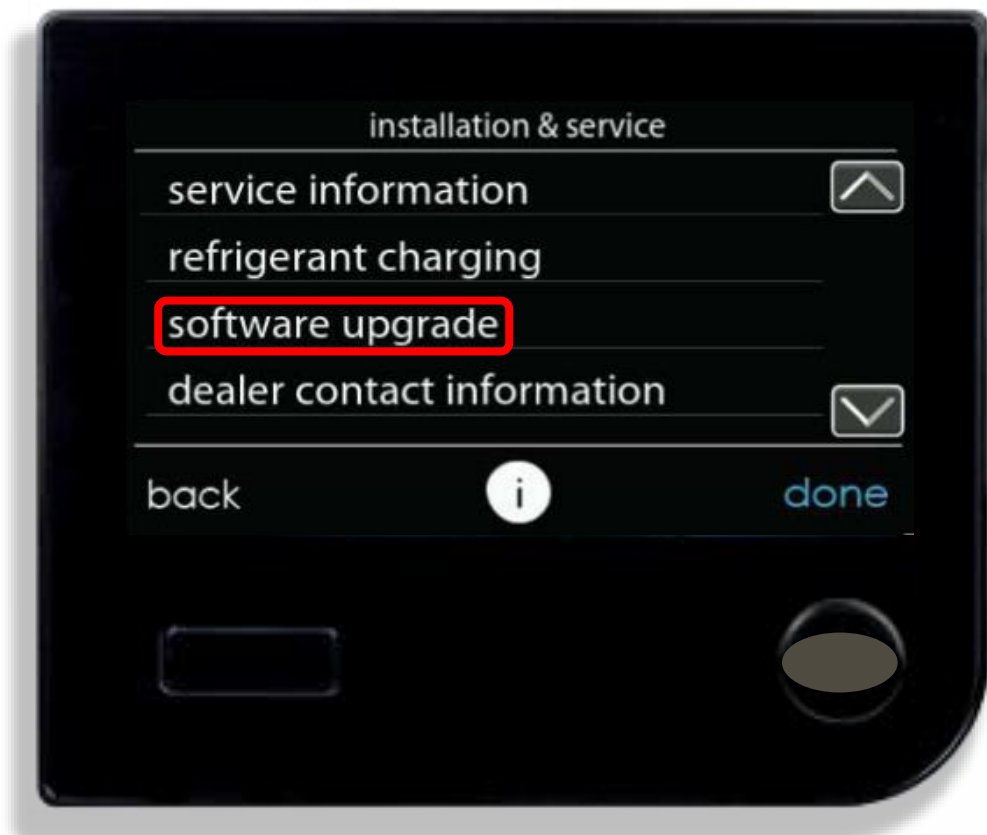


- ▶ **Update with MicroSD™ Card**
- ▶ From the MENU screen, select the SERVICE icon, don't hold it down. Only press it and then release it.
- ▶ Select software update





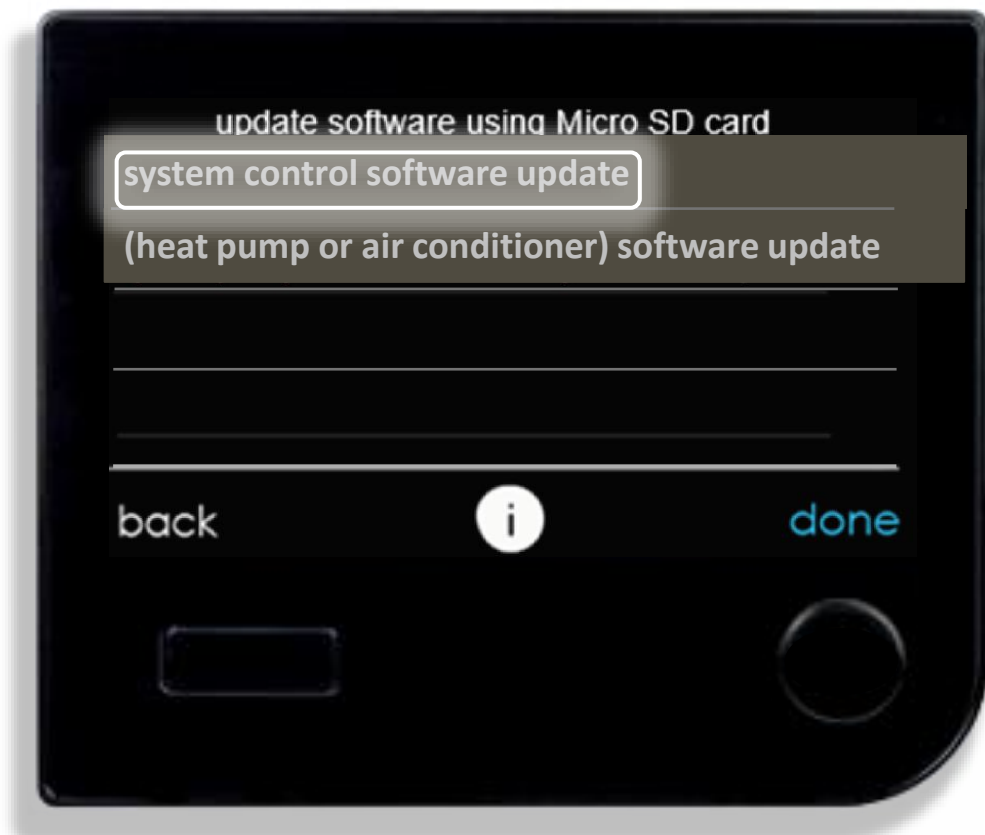
Step 1a – Updating The Wall Control



- ▶ **Update with MicroSD™ Card**
- ▶ From the MENU screen, select the SERVICE icon, hold it down until it turns green. Once it turns green release it.
- ▶ Select software update



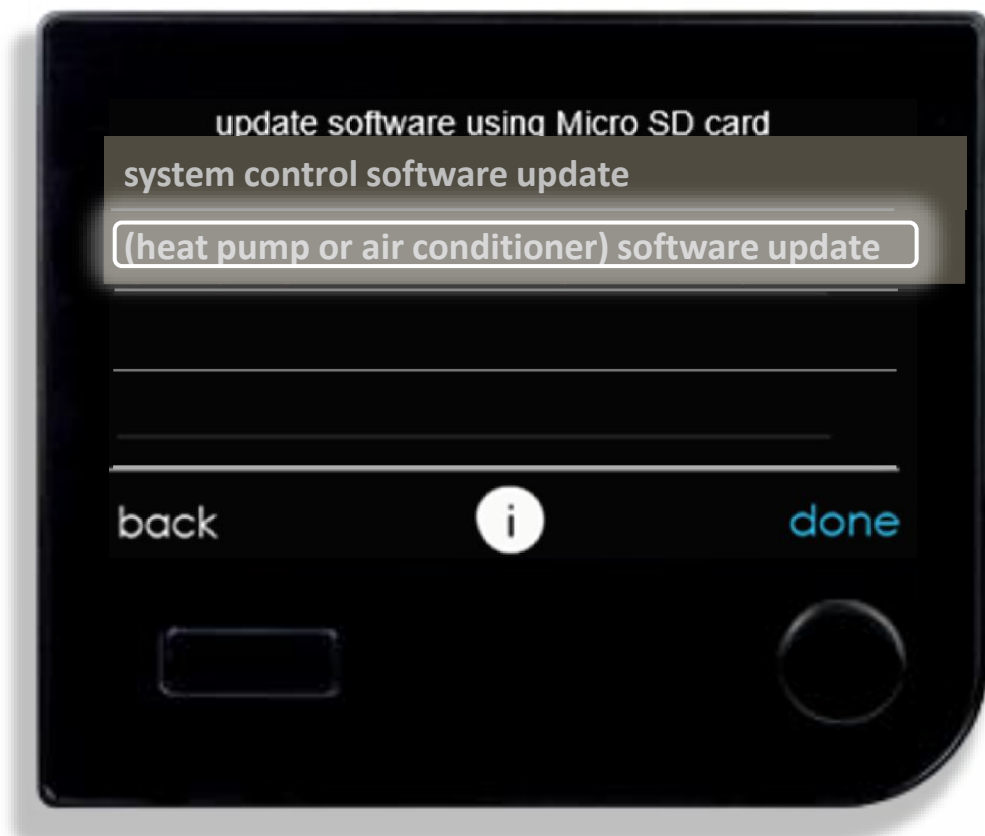
Step 2 – Updating The Wall Control



- ▶ Select update software using MicroSD™ card
- ▶ The equipment selection will only show on the 24/26 SEER equipment currently.



Step 2a – Updating Outdoor Equipment



- ▶ Select update software using MicroSD™ card
- ▶ The equipment selection will only show on the 24/26 SEER equipment currently.



Step 3 – Updating The Wall Control



- ▶ Insert the MicroSD™ card into the UI, if it has been inserted correctly, select system control software update.
- ▶ If the MicroSD™ card is not in place or fully locked into the slot, you will get the message below. ↓
- ▶ Reinsert the MicroSD™ card and the control will automatically detect the card and begin the upgrade process.



Step 4 – Updating The Wall Control



- ▶ Press YES to continue with the firmware upgrade
- ▶ The upload and installation will take several minutes
- ▶ Once upgraded, select the done button

NOTE: There will be a longer than normal delay as the firmware is installed



Step 5 – Updating The Wall Control



- ▶ Once restarted, this will complete the Infinity or Evolution™ System Control firmware upgrade process
- ▶ Remove the MicroSD™ card



Places to Find Software Updates for the Controller and Equipment

1. Go to <https://HVACPartners.com>
2. Go to www.myinfinitytouch.carrier.com or www.myevolutionconnex.bryant.com

We are going to cover both methods in this section.

Products

Marketing

Support

Learning

Admin

Search



Dashboards



Product Catalog

Parts

Controls Expert
Dashboard

Software

ecobee - Powered by
CarrierCustomer Order
Logistics Tracking
System (COLTS)ecobee - Powered by
Bryant

Enhanced Packaging

Distributor Bulletin
Board

Product Data 5/11/2022

2023 Bryant Split System Compliance Existing Inventory - RNC
Brochure 5/11/20222023 Bryant Split System Compliance Existing Inventory - AOR
Brochure 5/11/2022

Quick Links

Product
CatalogEPIC
Internet
ExplorerEPIC
Multi-
BrowserService
BenchCustomer
GatewayRC
Community

[MY]

TM



Feedback



Product Catalog

1

Select A Product Category

2

Select A Sub-Category

3

Select A Model



Airside



Boilers

Commercial
Controls

Chillers

Ductless
SystemsGeothermal
Heat Pumps

Furnaces



IAQ

Packaged
Indoor UnitsPackaged
Outdoor UnitsResidential
Controls

Split Systems

Variable
Refrigerant
FlowToshiba Carrier
VRFCarlyle
Compressors

Feedback





Product Catalog



Residential Controls

2

Select A Sub-Category

3

Select A Model

Thermostats**System Controls &
Accessories****Zoning Systems****Humidifier Controls**



Product Catalog



Residential Controls



System Controls & Accessories



Select A Model

**SYSTXBB4ZC01**

Evolution™ Zoning Panel

**SYSTXBBECC01-B**Evolution™ Connex™ Control
(Black)**SYSTXBBECC01-C****SYSTXBBECF01-B**Evolution® Connex™
Control**SYSTXBBNIM01****SYSTXBBRRS01****SYSTXCCICF01-B**Infinity® System Control
(Black)**SYSTXCCITC01-B**Infinity® System Control
(Black)**SYSTXCCITC01-C**

Feedback



SYSTXCCITC01-B

Infinity® System Control (Black)



Residential Contr... ▾

System Controls & Acce... ▾

SYSTXCCITC01-B ▾

Overview

Documents

OVERVIEW

The Infinity® system control is designed for homeowners who understand the value of precision comfort and an easy to use, intuitive user interface. With wireless connectivity, occupancy sensing capabilities and built-in smarts, the Infinity system control puts you in command of comfort and energy savings like never before.

As part of a complete, communicating Infinity® system, this smart control takes full advantage of the best technology Carrier has to offer, including Greenspeed® technology and Hybrid Heat® system management. Taking your comfort



DOCUMENTS

[English](#)[Español](#)[Français](#)[Show Prior Versions of Documents](#)[Bulletin](#)[Marketing](#)[Software](#)[Technical Literature](#)[Installation](#)[Owner's Manual](#)[Product Data](#)[Warranty Card](#)

Infinity Zoning Design Guide

Installation 08/13/2021 SYSTXZNSMS-02DG



SYSTXCC4ZC01 Infinity Damper Control Installation and Start-up Instructions

Installation 08/13/2021 DAMP4ZC-04SI



DOCUMENTS



English

Español

Français



Show Prior Versions of Documents

Bulletin

Marketing

Software



Technical Literature

Firmware Installer

General



Infinity® System Control Software Update – Version 1402-0132

Firmware Installer 04/30/2018



Infinity® System Control Software Update – Version 1402-0200

Firmware Installer 08/27/2018



Series B Carrier® Infinity® System Control Version 2.40 Release Notes and Software Update Instructions

Firmware Installer 01/20/2020





Click Hyperlink

hvacpartners login - Bing | My Home Page | hvacpartners :: SYSTXCCICF01-B | Microsoft Word - Infinity System

Not secure | files.hvacpartners.com/docs/1010/ValCust/07/sw_infinity_notes_0361.pdf

1 of 18

Page view | Read aloud | Draw | Highlight | Erase


VERSION 0.01 RELEASE NOTES

October 22, 2020

Contents

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Downloading the Software Update	12
Installing the Software Update	16

General



This document is provided in conjunction with the "hex" file [BINF0361.hex](#), which comprises the executable code for the following Infinity System Control model numbers:

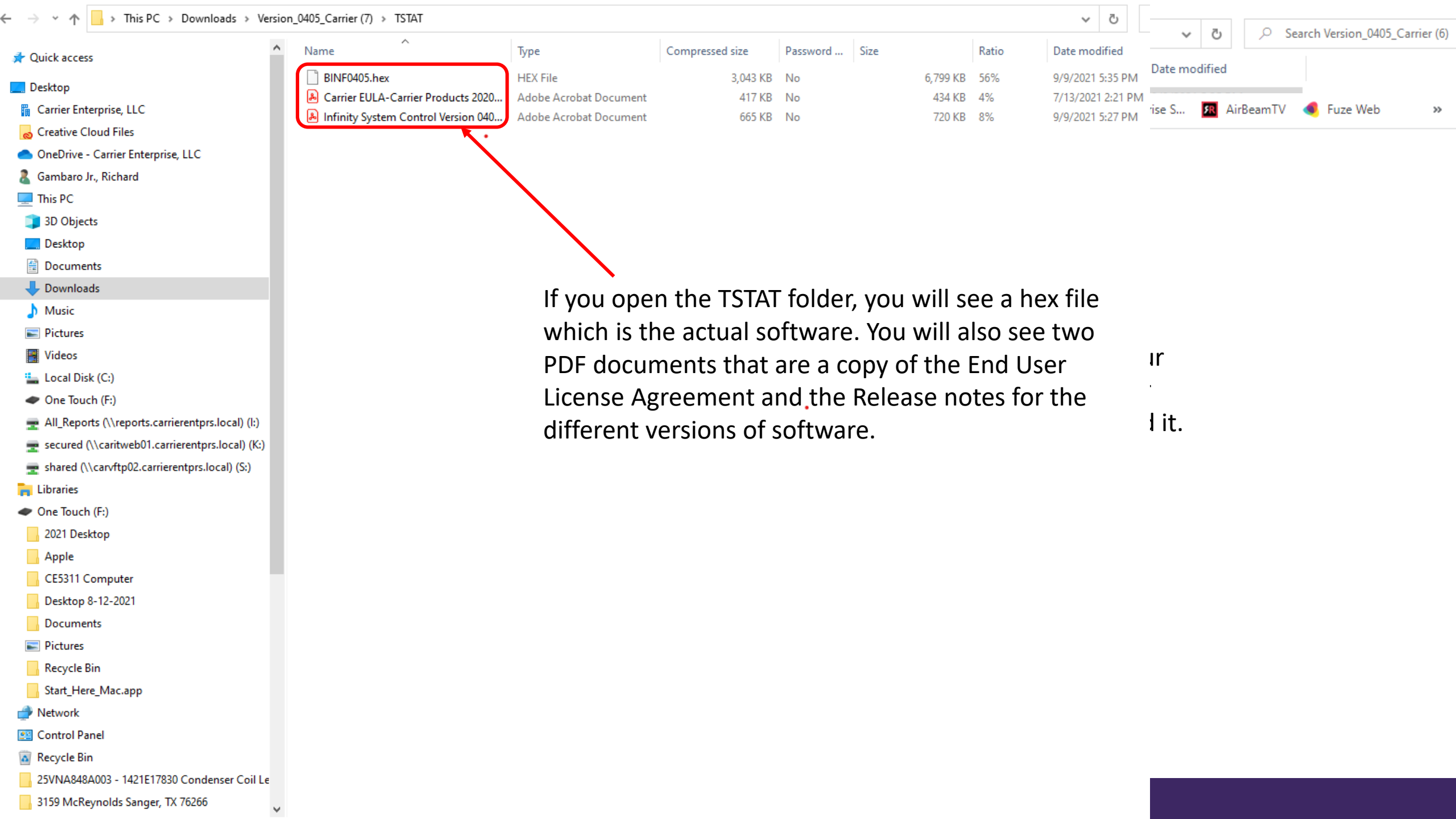
- SYSTXCCITC01-B
- SYSTXCCWIC01-B
- SYSTXCCICF01-B
- SYSTXCCWIF01-B

This software is ONLY compatible with these model wall controls.

Detailed instructions on uploading this software into the Infinity System Control are included in this document. The software release package is available through this link:

http://cacbdpapps.net/marketing/eula/Infinity_System_Control_V0361_EULA.html

Note: This software is for the Series B controls only. The Series A controls cannot use Series B software and vice-versa.





Places to Find Software Updates for the Controller and Equipment

Go to www.myinfinitytouch.carrier.com or
www.myevolutionconnex.bryant.com



Go to www.myinfinitytouch.carrier.com or
www.myevolutionconnex.bryant.com

Sign in

Username

Password

Log In

Create new account

[Forgot Username or Password?](#)



Get the new Carrier Home
mobile app.

Download on the
App Store



GET IT ON
Google Play



[Go to downloads](#)



Downloads Page



MY INFINITY®

ABOUT INFINITY®

LEARN MORE

DOWNLOADS

TAKE CONTROL
OF YOUR COMFORT
FROM ANYWHERE.



Get the Latest Software for Your Infinity® System Control

You must first agree to the End User License Agreement, then you will then have the option to download the software and installation instructions.

Series A Software

Series B Software

Series B Software release notes

Get the Latest Software for Your Infinity® 26 Air Conditioner and Infinity® 24 Heat Pump with Greenspeed® Intelligence

You must first agree to the End User License Agreement, then you will then have the option to download the software and installation instructions.

Infinity® 26 Air Conditioner and Infinity® 24 Heat Pump Software



CREATING YOUR
COMFORT
PROFILES.

[View video →](#)



SIMPLE
FORECAST SETUP.

[View video →](#)



Choose Yes To User License Agreement

hvacpartners login - Bing x My Home Page x hv HVACpartners :: SYSTXCCICF01-B x cacbdpapps.net/marketing/eula/ x

← → ↻ ⚠ Not secure | cacbdpapps.net/marketing/eula/Infinity_System_Control_V0361_EULA.html

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9. Compliance with Law; Export Restrictions. You will comply with all applicable international and national laws, rules and regulations that apply to the Software and your use of the Software, including the U.S. Export Administration Regulations, as well as end user, end use, and destination restrictions issued by U.S. or other governments. You acknowledge that the Software is of U.S. origin and subject to U.S. export jurisdiction.

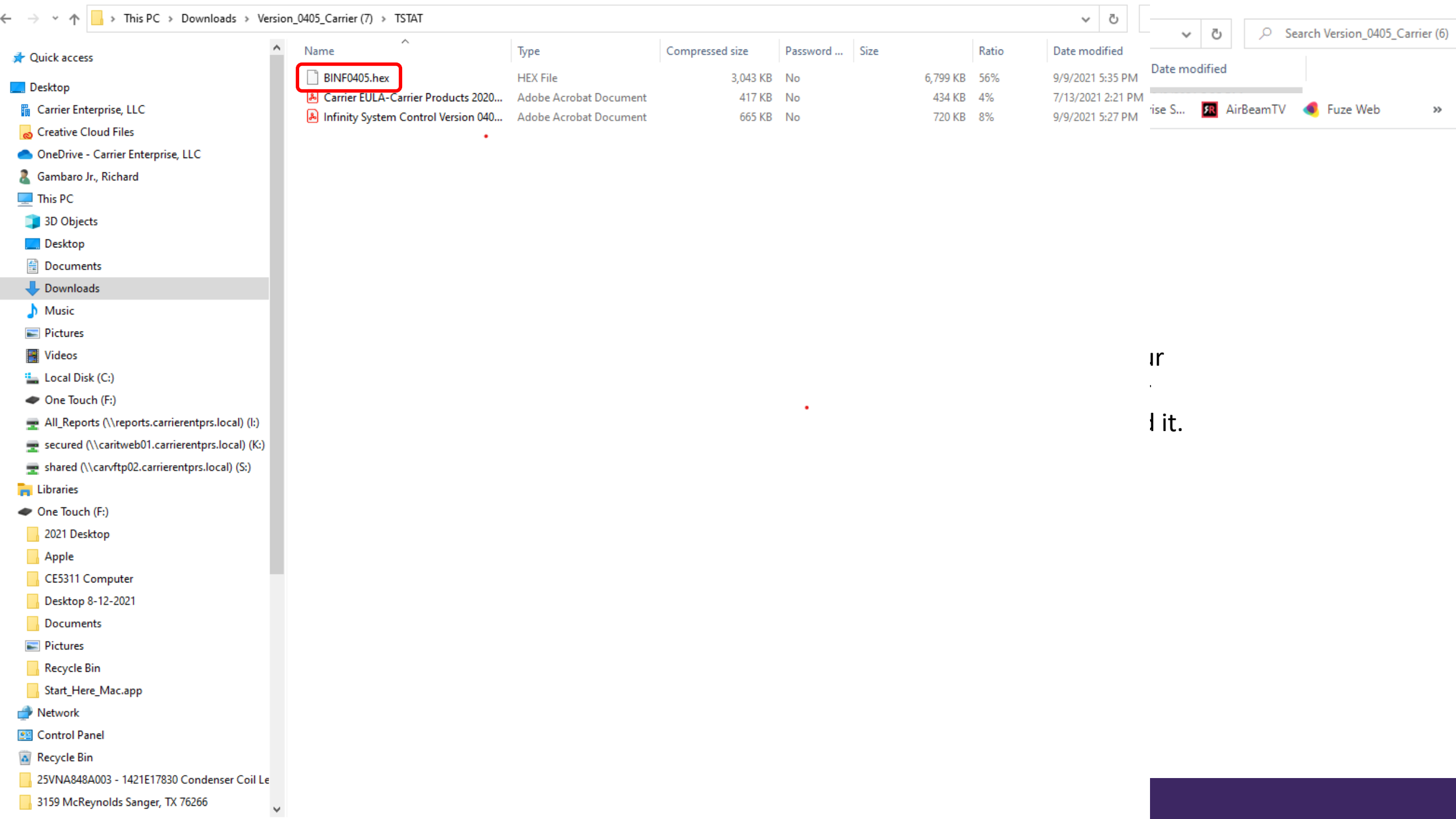
10. Governing Law and Jurisdiction. This Agreement will be construed and controlled Indiana law, without giving effect to its conflict of law provisions. Each party consents to exclusive jurisdiction and venue in the state and federal courts in Indianapolis, IN for any and all disputes, claims and actions arising from or in connection with the Software and this Agreement. The United Nations Convention on Contracts for the International Sale of Goods does not apply to this Agreement.

11. Limitation of Time to File Claims. ANY CAUSE OF ACTION OR CLAIM YOU MAY HAVE ARISING OUT OF OR RELATING TO THIS AGREEMENT OR THE SOFTWARE MUST BE COMMENCED WITHIN ONE (1) YEAR AFTER THE CAUSE OF ACTION ACCRUES; OTHERWISE, SUCH CAUSE OF ACTION OR CLAIM IS PERMANENTLY BARRED.

12. General. The section titles in this Agreement are used solely for the parties' convenience and have no legal or contractual significance. Any list of examples following "including" or "e.g.," is illustrative and not exhaustive, unless qualified by terms like "only" or "solely." Licensor's failure to act with respect to a breach by you or others does not waive its right to act with respect to subsequent or similar breaches. No waiver of any provision of this Agreement will be effective unless it is in a signed writing, and no waiver will constitute a waiver of any other provision(s) or of the same provision on another occasion. If a court of competent jurisdiction holds any term, covenant or restriction of this Agreement to be illegal, invalid or unenforceable, in whole or in part, the remaining terms, covenants and restrictions will remain in full force and effect and will in no way be affected, impaired or invalidated. You may not assign, transfer or sublicense this Agreement or your rights (if any) under this Agreement. This Agreement will be binding upon all successors and assigns. This Agreement constitutes the entire agreement between you and Licensor with respect to the Software and merges all prior and contemporaneous communications and proposals, whether electronic, oral or written, between you and Licensor with respect to the Software. All notices to Licensor in connection with this Agreement must be in writing and will be deemed given as of the day they are deposited in the U.S. mails, postage prepaid, certified or registered, return receipt requested or sent by overnight courier, charges prepaid to the address set forth below.

I agree to the terms of this License Agreement and desire to access the software.*

☒ [Yes](#) ☐ [No](#)





Knowledge Check 1

Finding Software

How many places are there to find the controller software?

HVAC Partners
&

www.myinfinitytouch.carrier.com

or

www.myevolutionconnex.bryant.com



Homeowner Advanced Screen





Temperature/Mode Display Screen



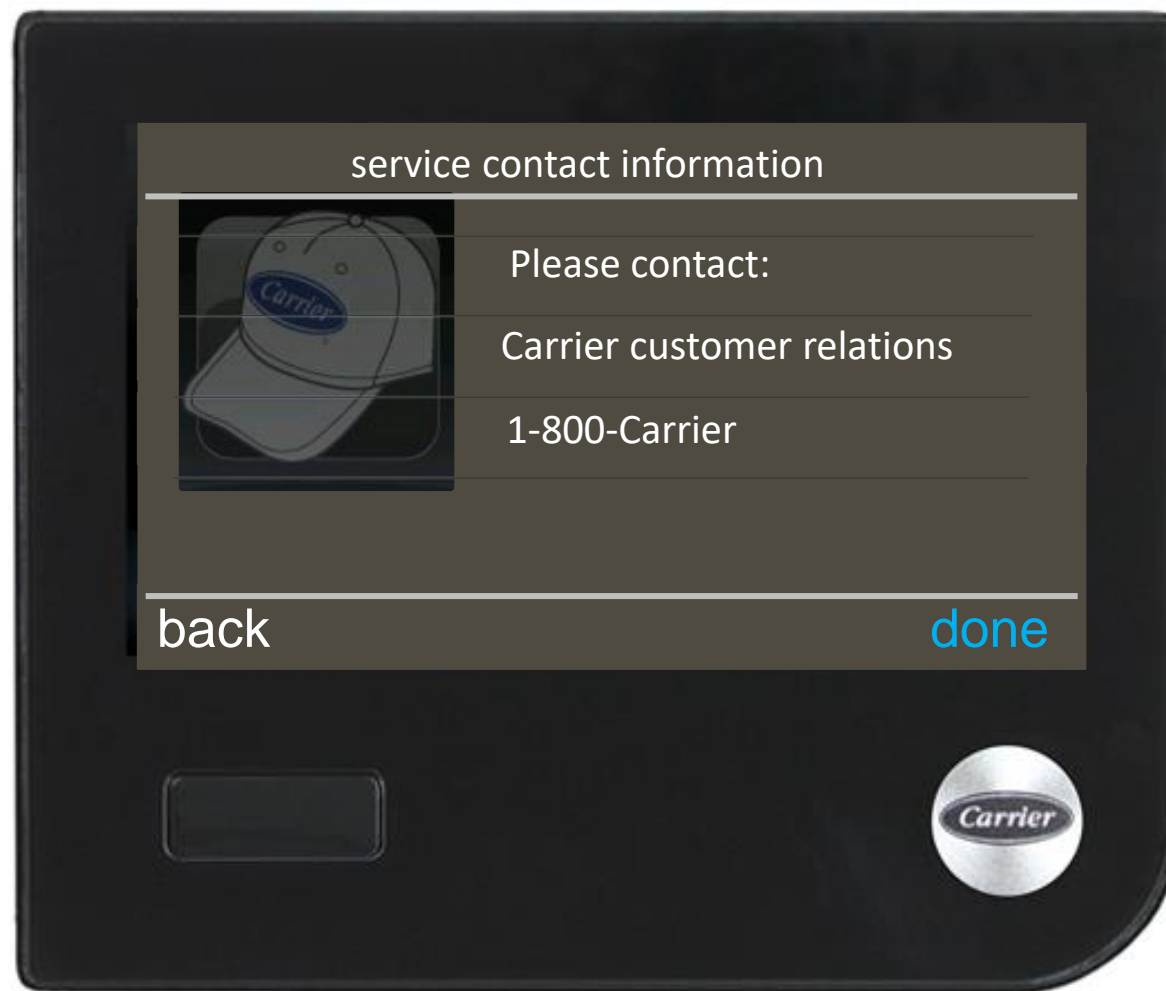


Service Menu



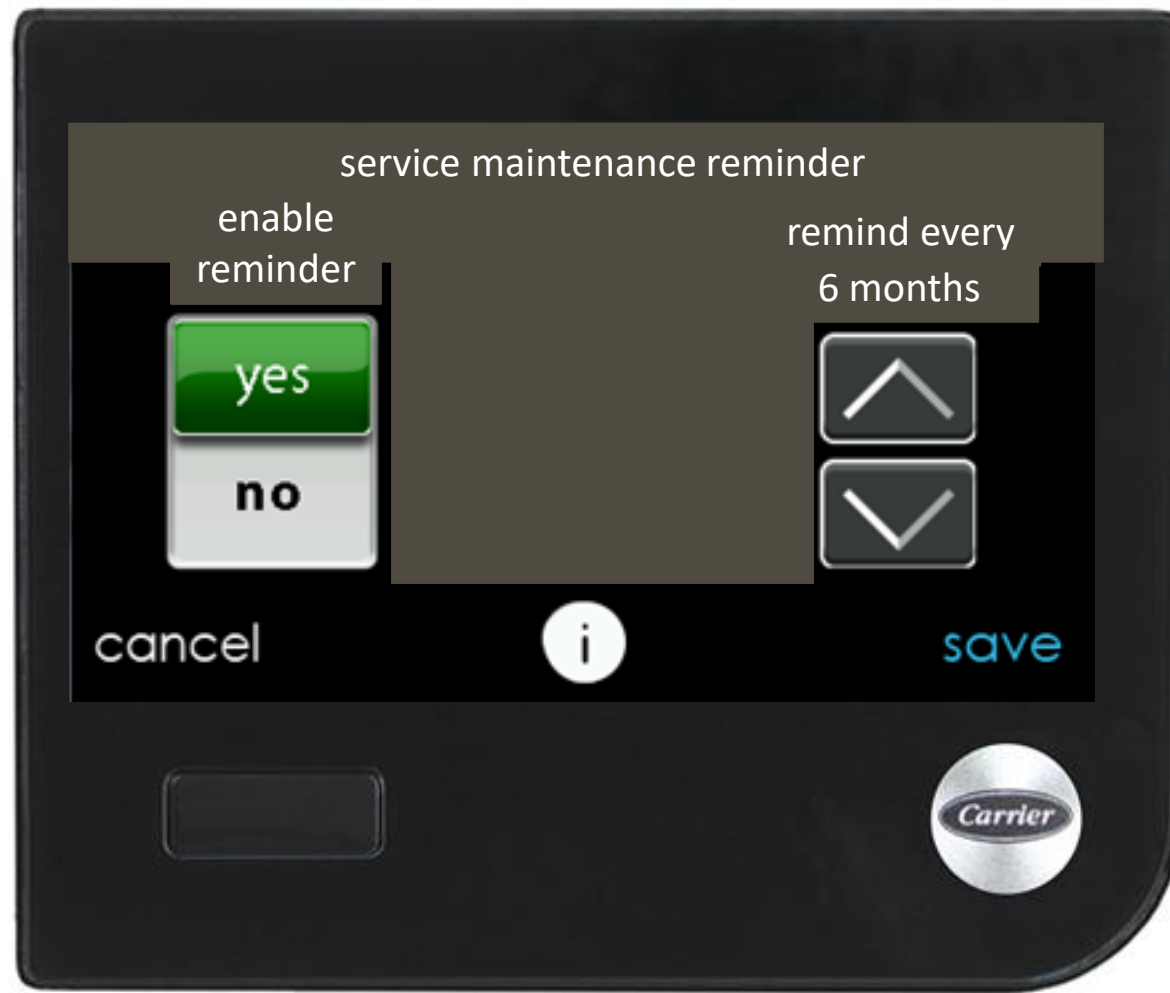


Service Contact Information Screen





Service Maintenance Reminder Screen



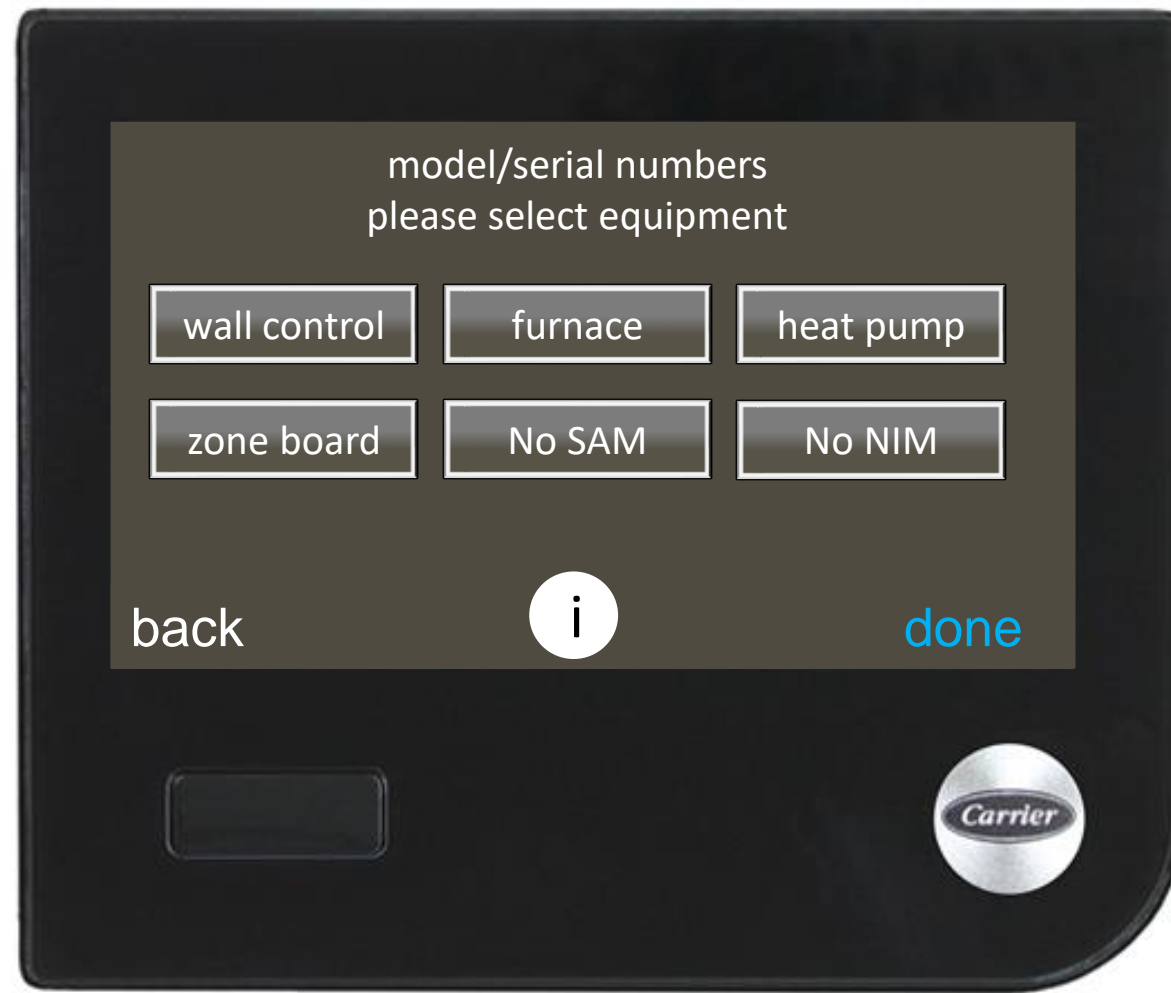


Software Update Screen





Model/Serial Number Screen





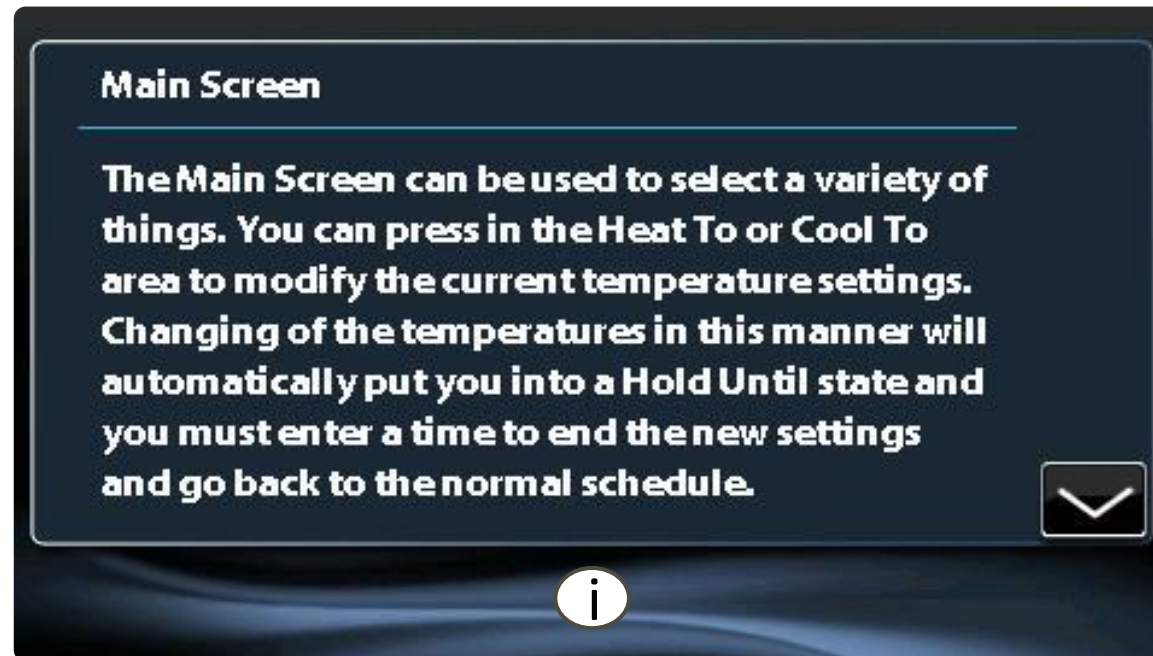
Homeowner Menu Screen Icons





Information Button

- Touch the ⓘ symbol for additional information
- ⓘ is only displayed when additional information is provided
- Information provided is relevant to the screen displayed
- Allows more in-depth navigation of displayed screen's capabilities





Override and Hold





First Menu Display Screen





Second Menu Display Screen





Comfort Profiles





Comfort Profiles





Comfort Profiles Temperature and Fan



Comfort Profile screen shown without zoning and with zoning. You will notice that when you have zoning applied you can set the profiles, including the fan for each independent zone.



Comfort Profiles





Comfort Profiles Humidity And Fresh Air





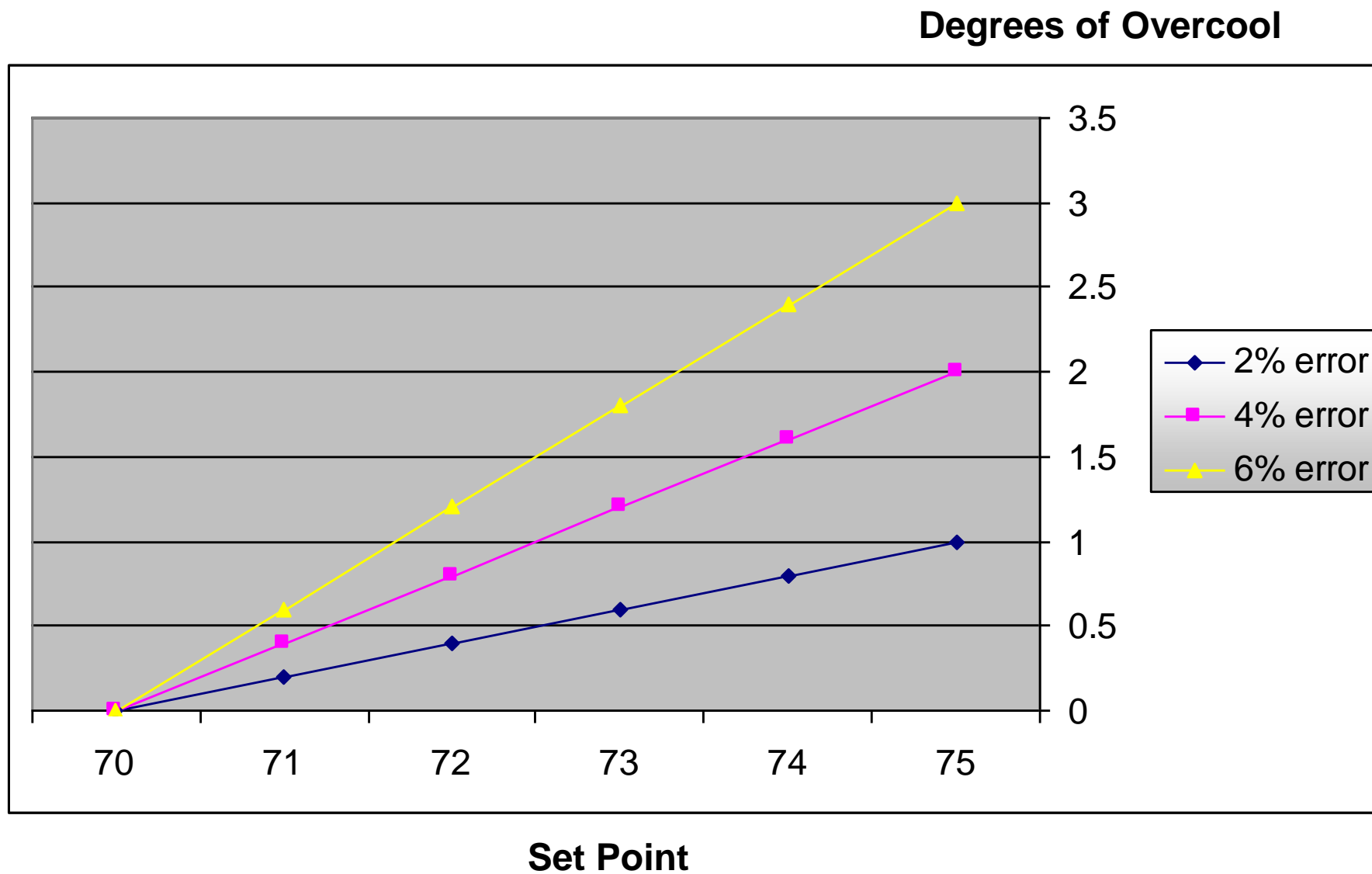
Cooling Humidity Selection



The system can overcool the space by up to 3° degrees as a maximum or as low as 70° degrees as a minimum. This is determined by how far we are from the humidity setpoint, what the indoor temperature is and the algorithms.

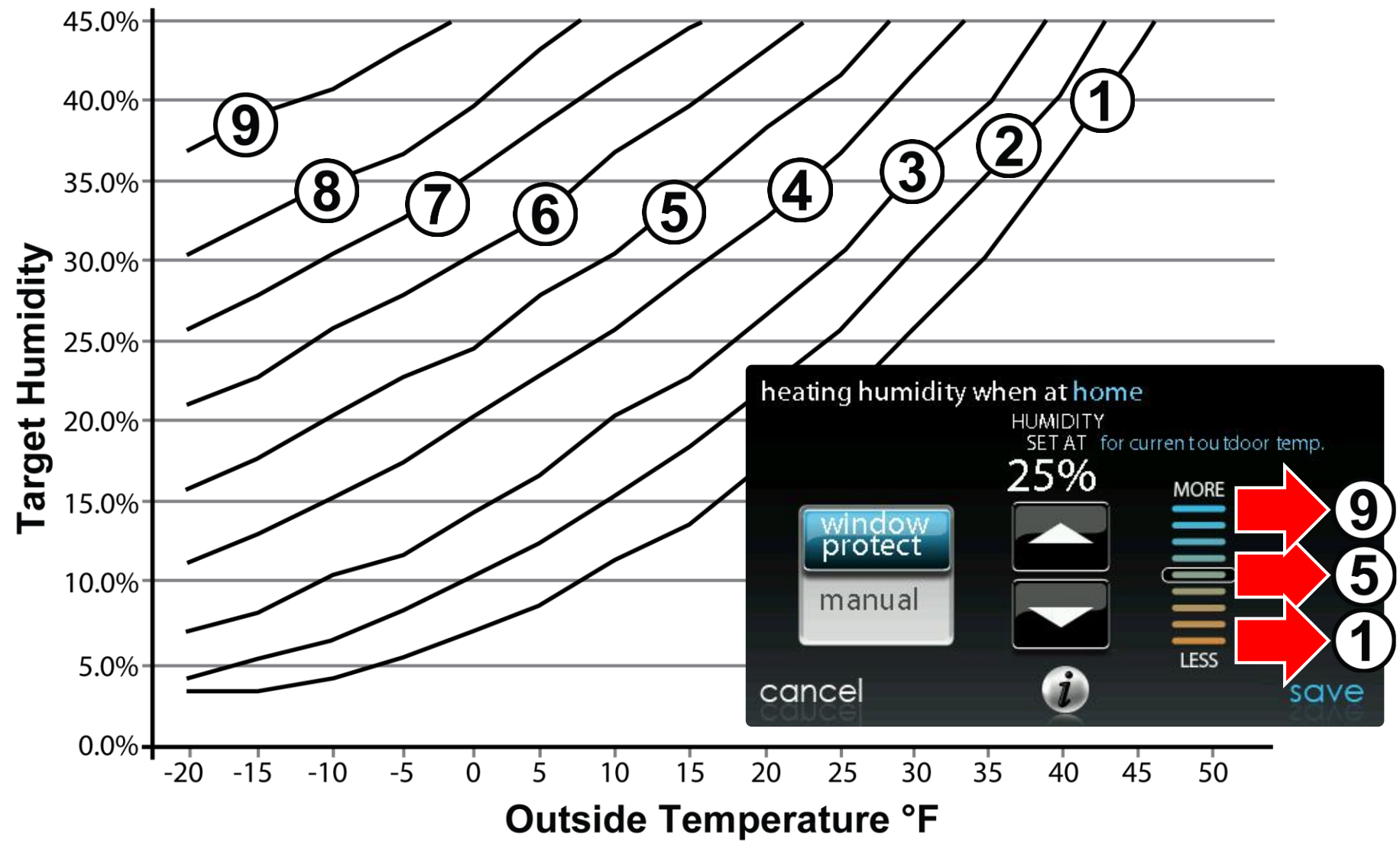


Dehumidify Overcool





Heating Humidity Selection





Schedules





Schedules


- Guide me through scheduling
- Select the zones with the same schedule
- I wake up at:
- I am home all day?
- I leave home at:
- Enable smart setback?
- I am back home at:
- Different comfort sleep settings desired?
- I go to sleep at:
- SAVE the created schedule

create or edit schedule

guided schedule

view or edit schedule

upload schedule

back  done

for the selected zones,
select days with the same schedule

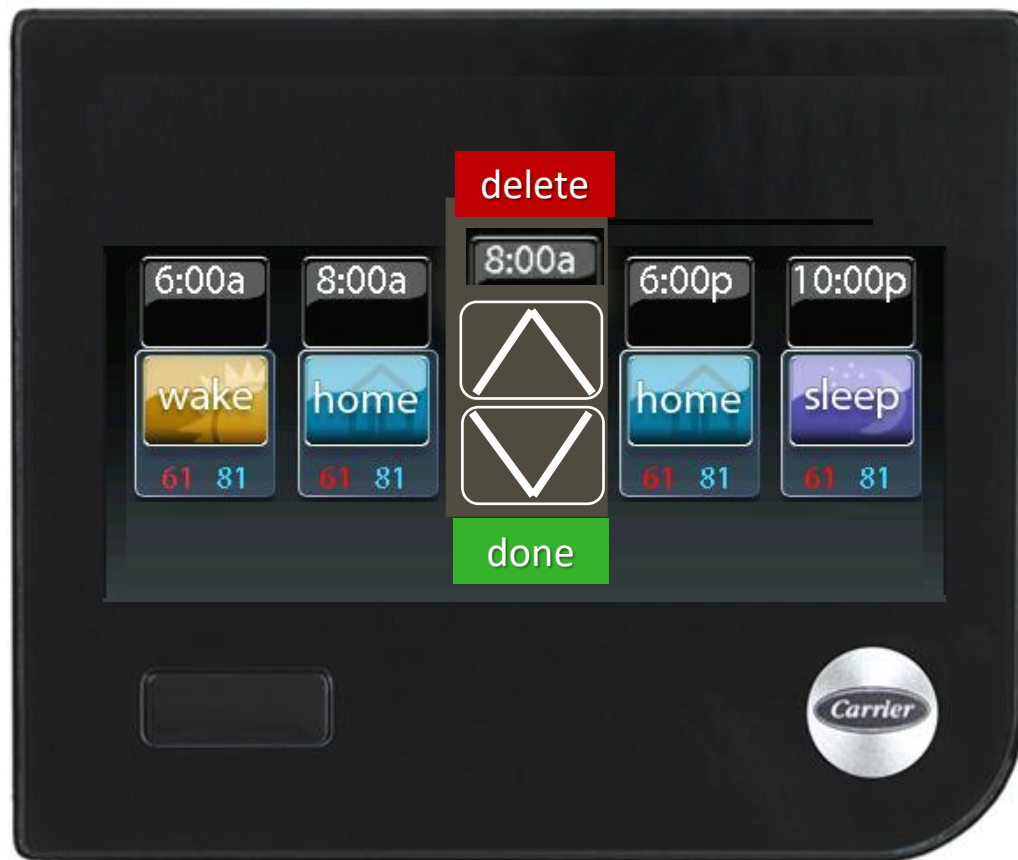
mon tues wed thurs fri

all days weekdays | sat sun

back 



Programming Schedules





Take a Break!

Be back in

04:00

Minutes



Take a Break!

Be back in

03 : 00

Minutes



Take a Break!

Be back in

02:00

Minutes



Take a Break!

Be back in

01:00

Minutes

Take a Break!

Be back in

00 : 44

Seconds



Vacation





Vacation

vacation starts on

May 29
2022
6:00 a

cancel


profile for vacation

Cool to
78
Heat to
68
cont. fan
AUTO

vacation ends on

June 01
2022
5:00 p

save





Reminders





Reminders





Operating Status





Operating Status



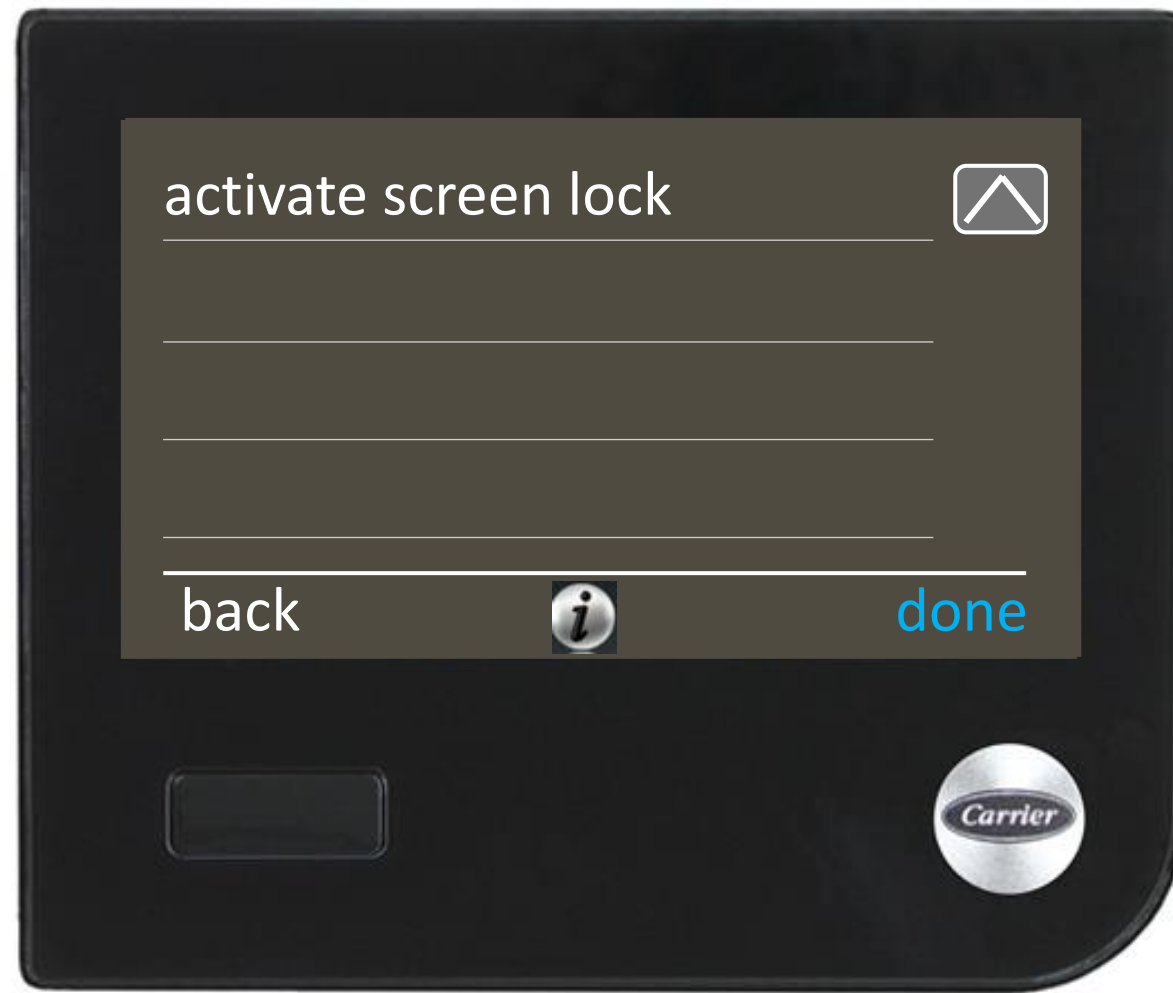


Display





Display





Screen Lock





Time/Date





Set Time, Date, Daylight Savings

Set Time and Date

- Select HOUR and MINUTE
- Select MONTH, DAY and YEAR
- Select SAVE

set current time and date Monday

HOUR 3p MINUTE 29 MONTH may DAY 28 YEAR 2012

cancel save

Set Daylight Savings Time

- Enable Daylight Savings Time
- Select SAVE
- Select start WEEK, DAY, and YEAR
- Select SAVE
- Select end WEEK, DAY, and YEAR
- Select SAVE

daylight saving time

automatically adjust time for daylight saving time?

Your time will be automatically adjusted:
forward by 1 hour on the 2nd Sunday of March
backward by 1 hour on the 1st Sunday of November

cancel save

daylight savings start date

WEEK OF MONTH 2nd DAY OF WEEK Sunday OF MONTH March

cancel save



Second Menu Display Screen





Photo Upload





Heat Source





Heat Source



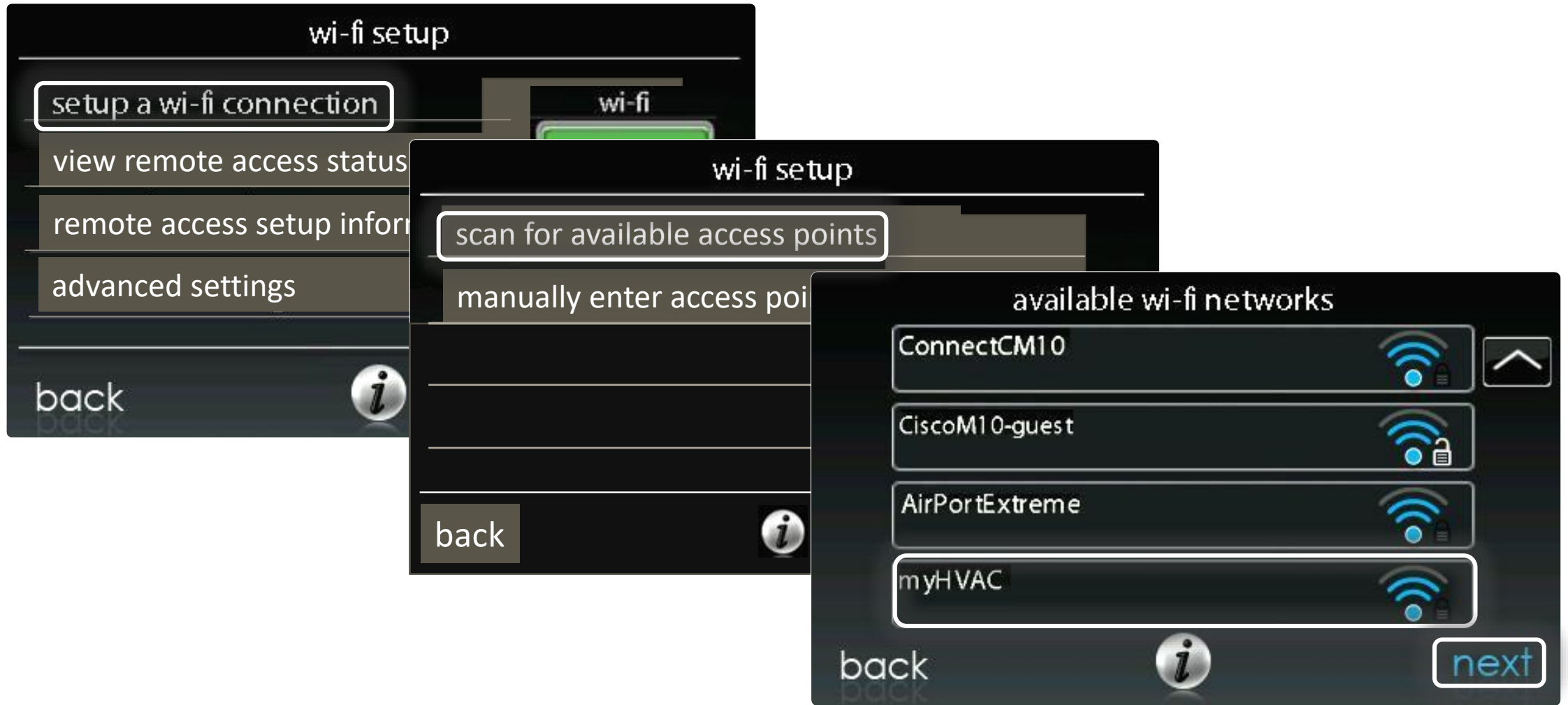


Wi-Fi Setup





Wi-Fi Setup








Wi-Fi Registration Information




For remote access, sign up on the mobile app, or use the following web address:

www.myinfinitytouch.carrier.com

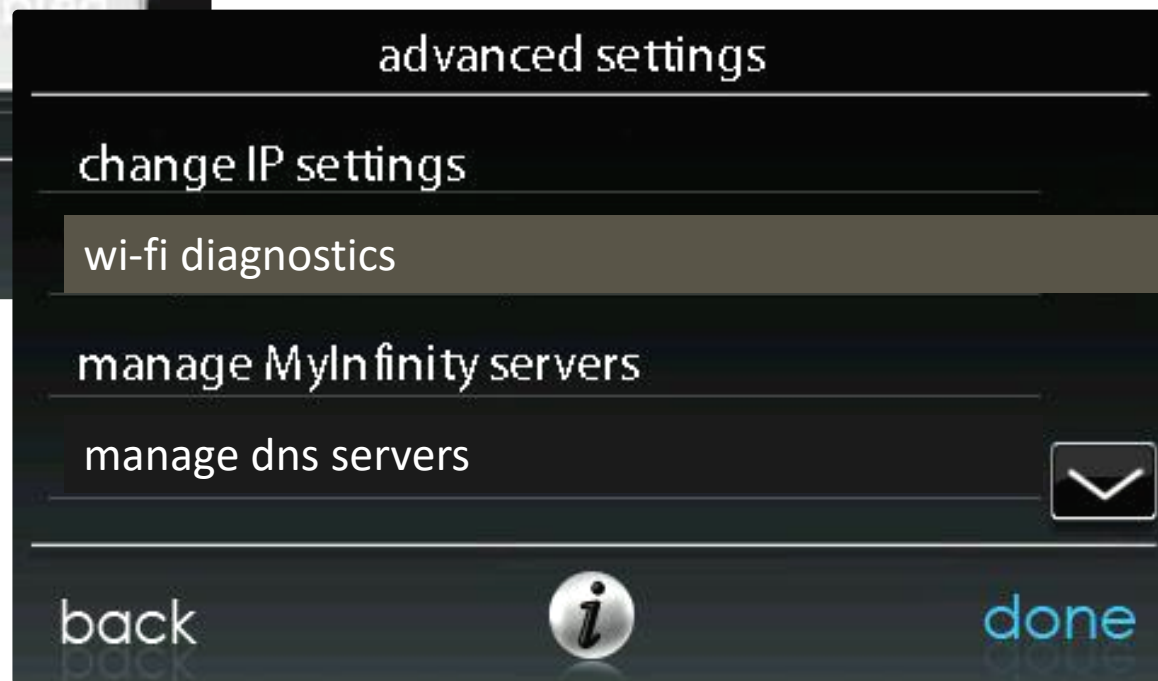
serial number:	4618W001915
mac address:	40BD327B43D2
PIN:	327B43D2



cancel  save



Wi-Fi Advanced Screens





Weather





Weather Setup





Occupancy Sensor





Occupancy Sensor *(Non-Zoning System)*



NOTE: The default setting is 'disabled'



Occupancy Sensor (Zoning System)



NOTE: The default setting is 'disabled'



Occupancy Sensor

Occupancy Status Indicator





Knowledge Check 2

Homeowner Advanced Screen

Do you have to hold the Service Hat until it turns green to get into the Homeowners Advanced Screen?

NO



Installation





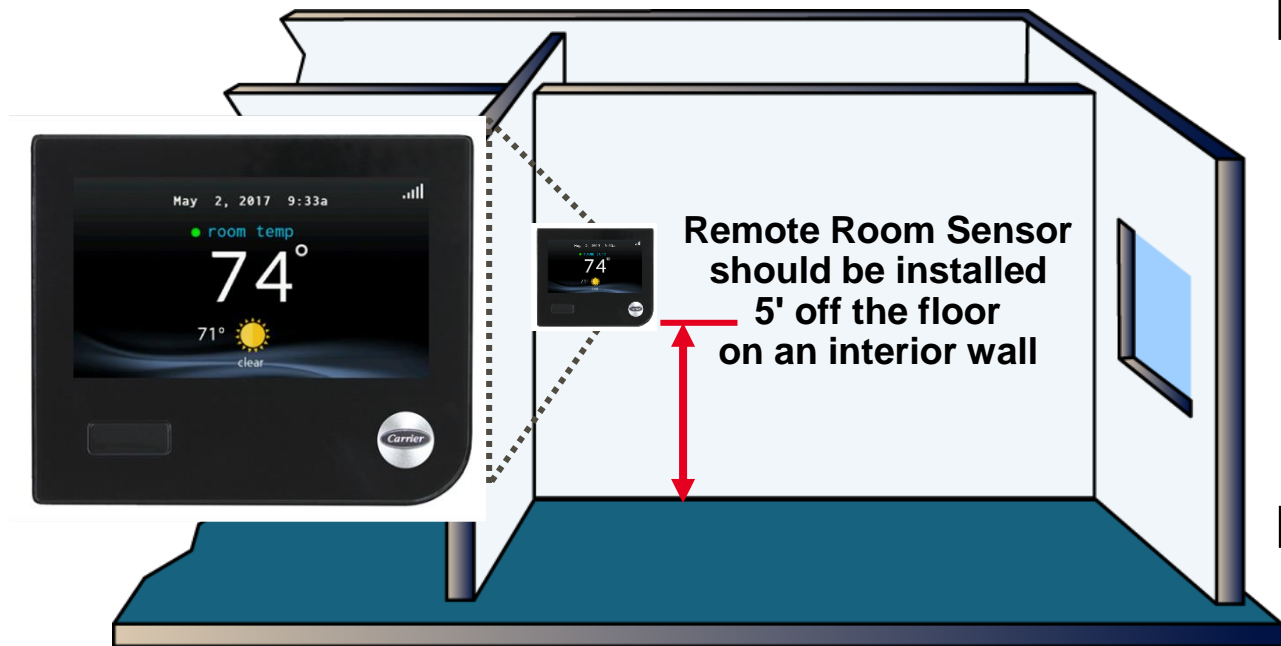
Locate User Interface

- Command center for entire system
- Locate as if a thermostat
 - See earlier sensor location guidelines
 - Only humidity sensor in system
- For more freedom in location:
 - Use RRS for Zone 1
 - Wire RRS to ZDM Zone 1 terminals





UI & Sensor Location Guidelines

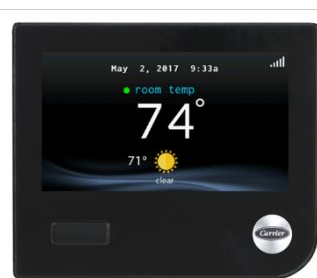


Locate devices:

- Approximately 5 feet (1.5 m) from the floor
- Close to or in a frequently used room
- On an inside partition
- On a wall without pipes or ductwork

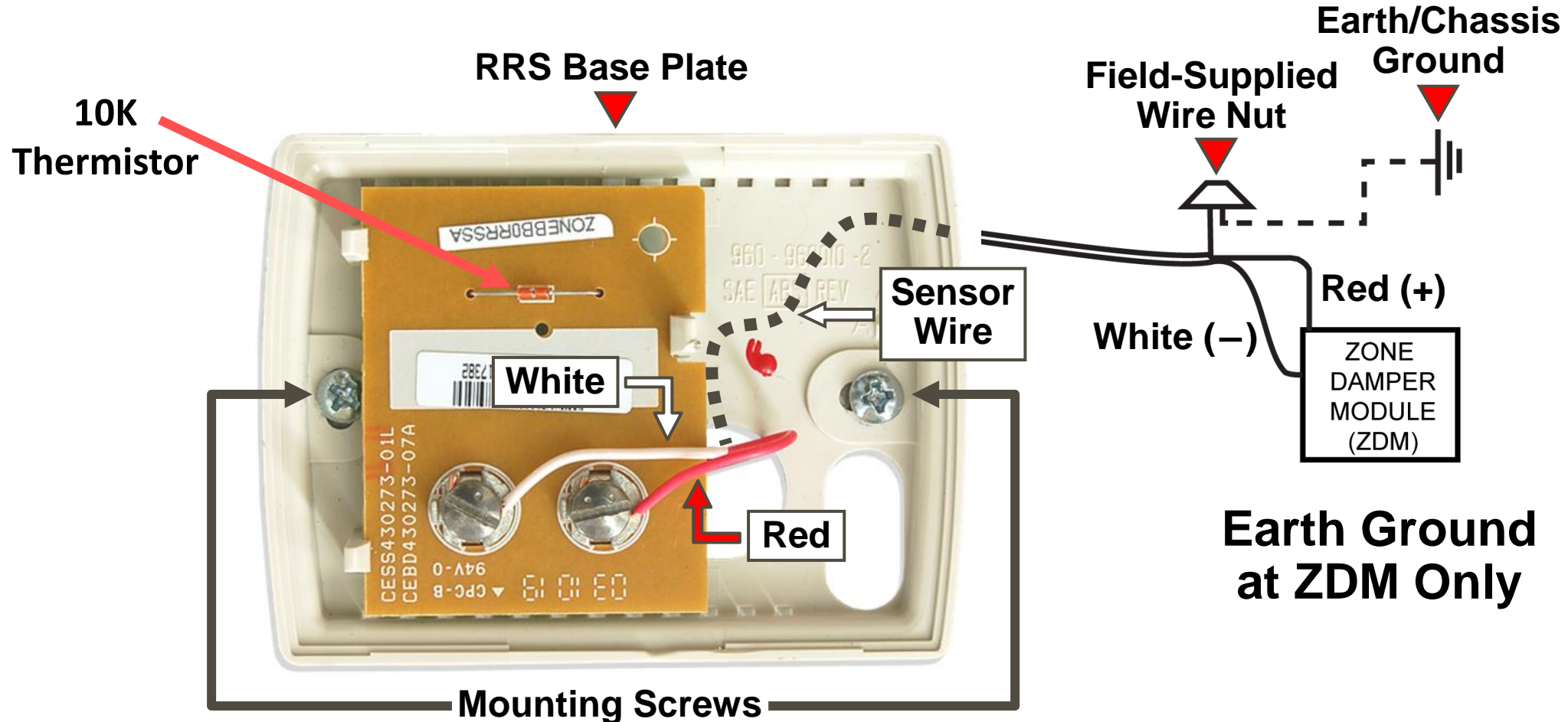
Do not locate devices:

- Close to a window outside wall or a door to the outside
- Exposed to direct light, heat, sun, etc.
- Close to or in direct airflow from registers
- In alcoves, behind doors, or other areas of poor circulation



Install Remote Room Sensors

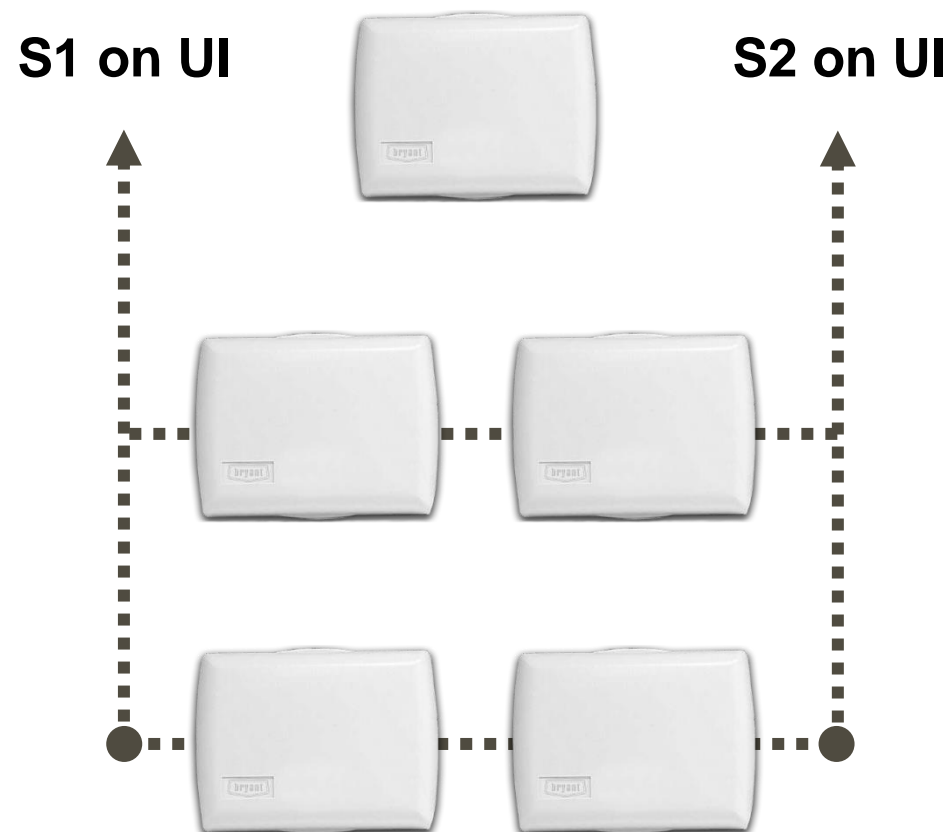
- 18 gage – 1000' from ZDM
- 22 gage – 500' from ZDM





Using Remote Room Sensors

- Used in any zone
 - Wire to Zone Damper Module
- Instead of User Interface
 - Wire to S1 and S2 on user interface back plate
- User Interface automatically detects its presence
- Temperature sensor only
- Must use 4 sensors together for zone temperature averaging

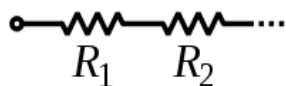


Remote Room Sensor Averaging

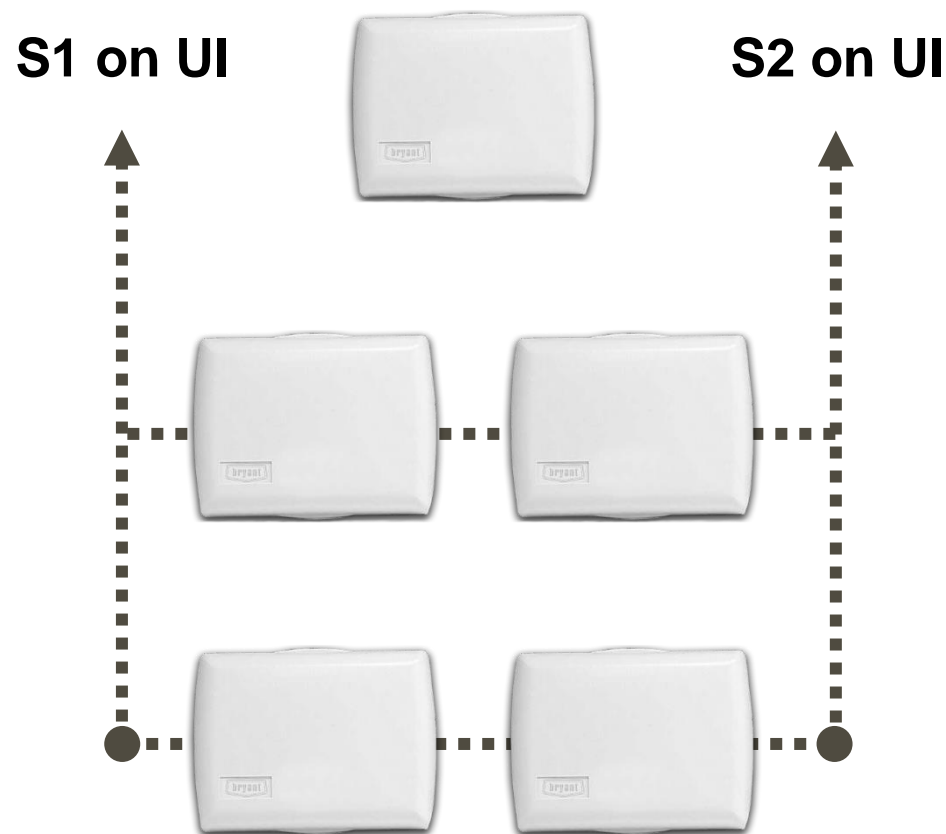
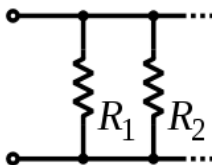
- Why are 4 sensors required for sensor averaging?

- Series sensors add up, sensors in parallel require the addition of the reciprocals (see below)

$$R_{series} = R_1 + R_2$$



$$1/R_{parallel} = 1/R_1 + 1/R_2$$





Remote Room Sensor Averaging

Example:

- On-board sensor resistance is 10KW (77°F), using more than 1 sensor, how many sensors are required to get 10KW?
- $10KW + 10KW = 20KW$
 - This is 2 sensors in series, but 20KW is way off! (double, to be exact). If we only use two resistors in parallel, we get:
- $1/10 + 1/10 = 2/10$ which equals $1/5 = 5KW$

This still isn't what we want.

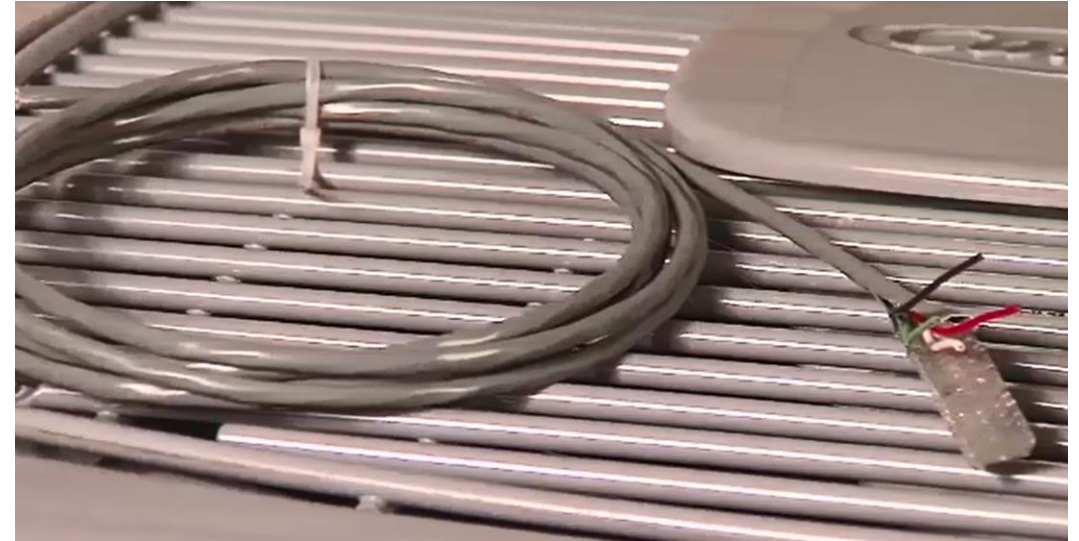
 - By using two resistors in series and parallel another two resistors in series, you get:
- $1/(10+10) + 1/(10+10) = 1/20 + 1/20 = 2/20 = 1/10 = 10KW$ the desired result.





Wiring Considerations

- Ordinary Thermostat Wire (Recommended)
 - 18-20 AWG
- Lengths over 25 FT
 - 18 AWG
 - Only 4-Wires Needed
 - Should run more wires in the event of broken or damaged wire.
- **Shielded Wire** Shielded wire must grounded at one end only, the indoor unit is the preferred location



All wiring must comply with national, local, and state codes.



Wiring Considerations

How to Properly run the Communication Wire

- ▶ Do not run next to or with high voltage wires.
- ▶ Do not bury the communication wire unless it is going to be in some type of conduit, sealed from water.
- ▶ Do not run one wire like 8 strand to the outdoor units and have 4 conductors go off to each unit or run one C & D to both units.
- ▶ Make sure any conduit or seal tight ran above ground is sealed at both ends preventing any moisture to collect.
- ▶ Try not to have any splices in the wiring outside, however if you must it might be a good idea to use some type of water preventative in the wire nuts to prevent them from rusting.
- ▶ Never use a single cable for multiple systems



Network Interface Module (NIM)

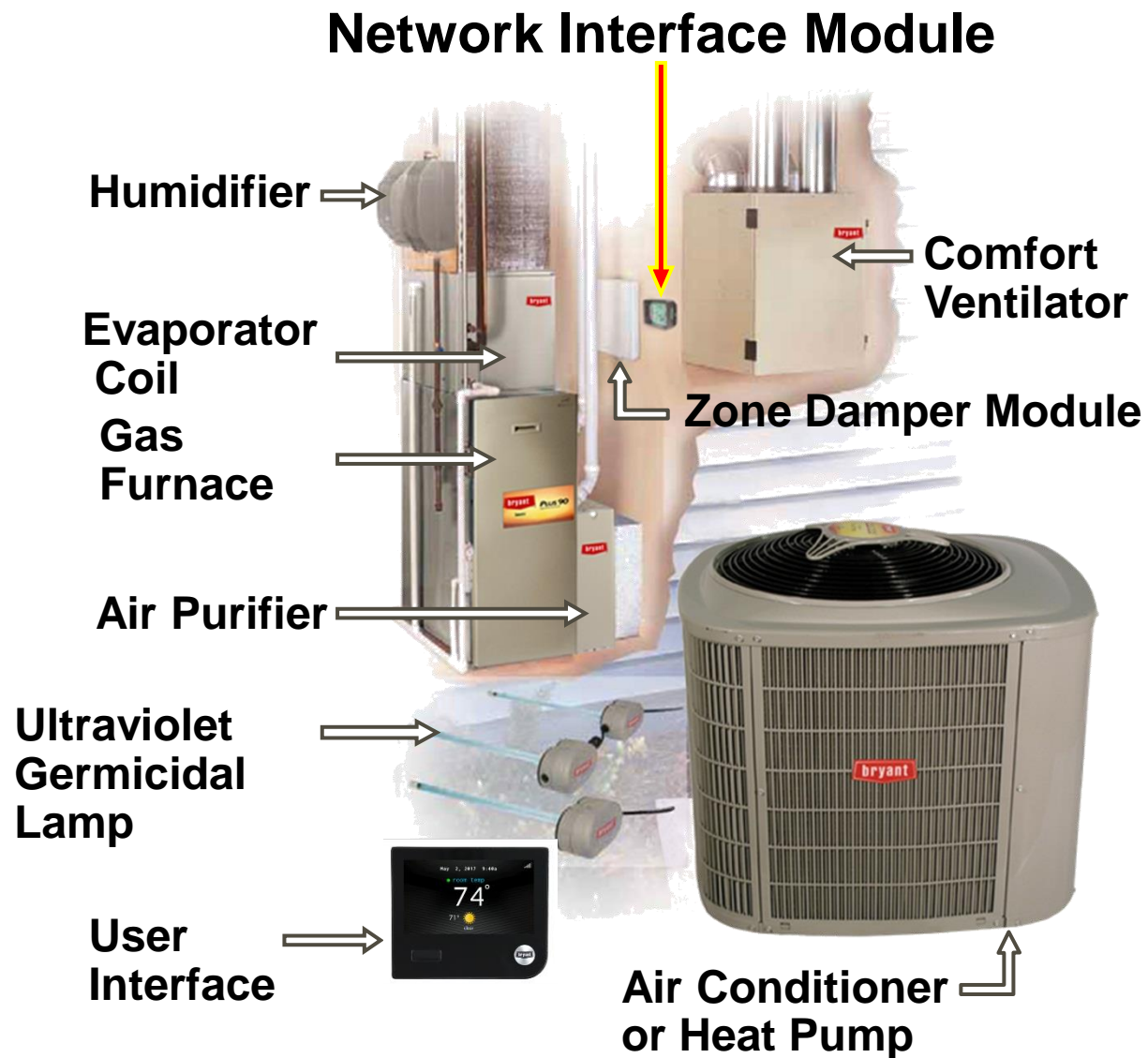
Connects the following to the 4-wire communications bus:

- HRV/ERV unit (Non-zoned only)
- Non-communicating 1-stage heat pump to a communicating control furnace
- Non-communicating 2-stage outdoor unit to a communicating control system



Installing a NIM

- Locate near indoor unit
 - Minimize wiring
- NOT in outdoor unit
 - Must be inside
 - (32°F to 158°F)
 - Non-condensing
- 24 vac power comes from the indoor unit standard (40 VA) transformer

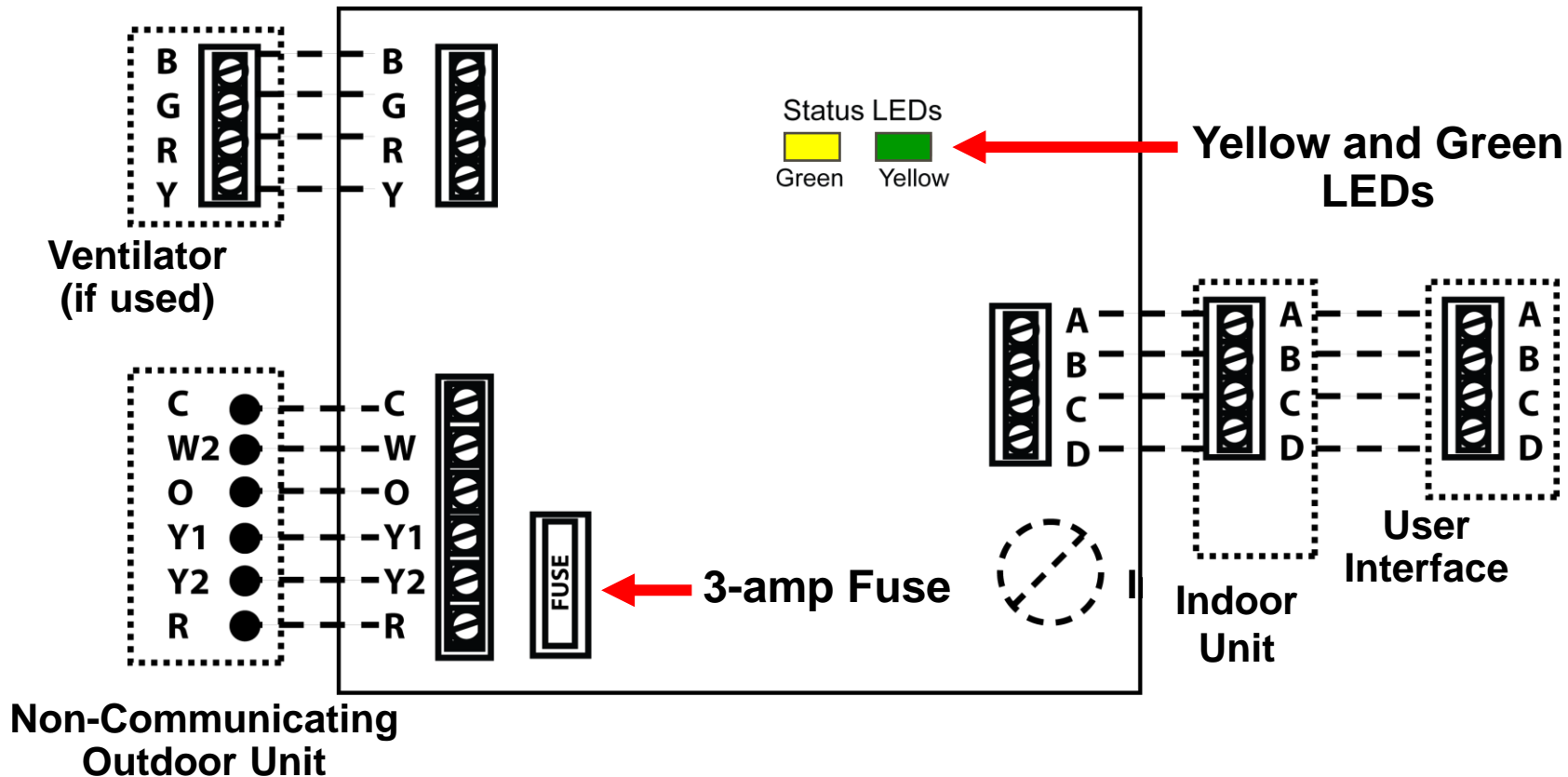




Network Interface Module

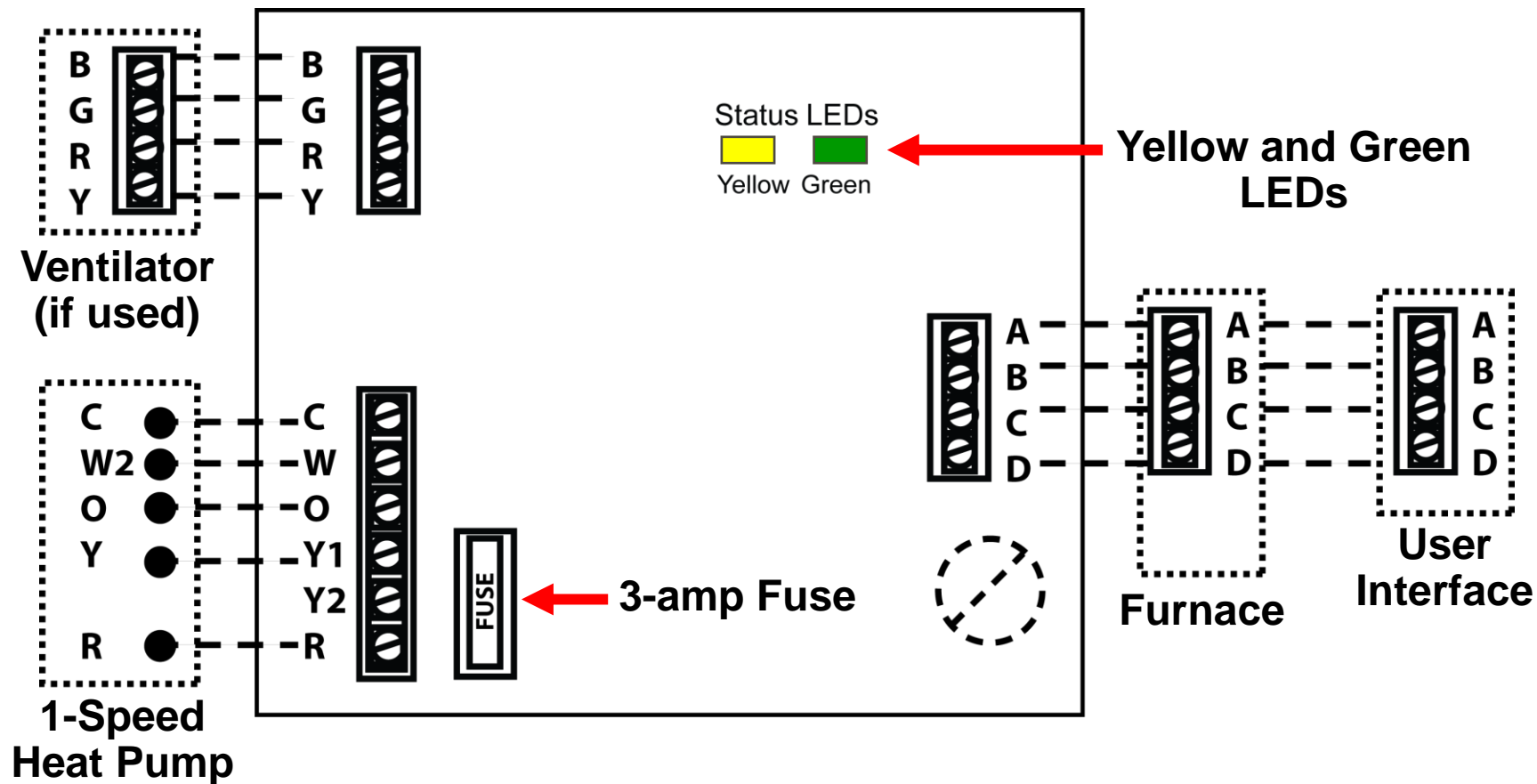
Required to Interface:

- Ventilator (HRV/ERV, unless zoning)
- 1-stage (non-communicating) heat pump with gas furnace
- 2-stage (non-communicating) air conditioner or heat pump



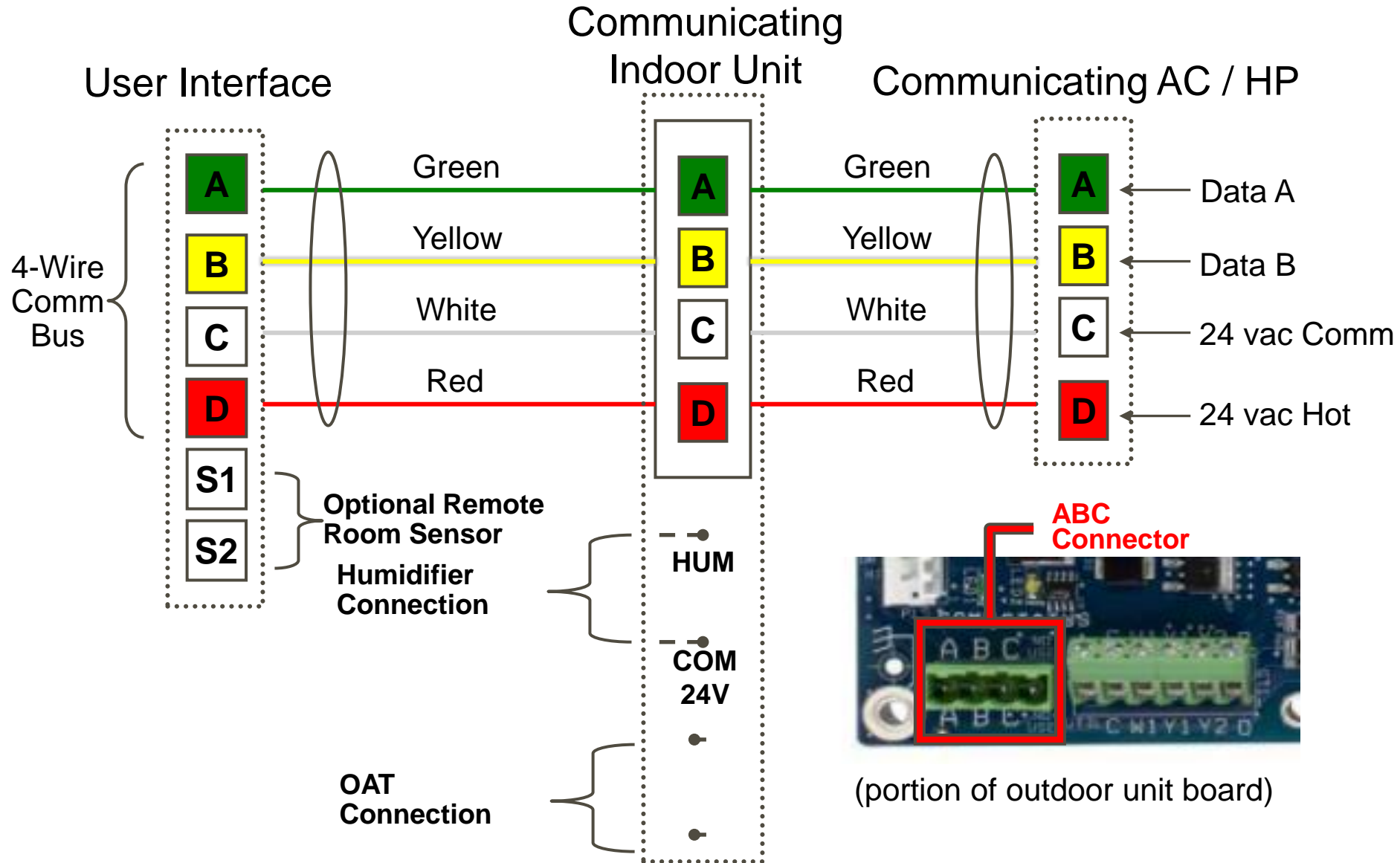


NIM Wiring Connections (Hybrid Heat)



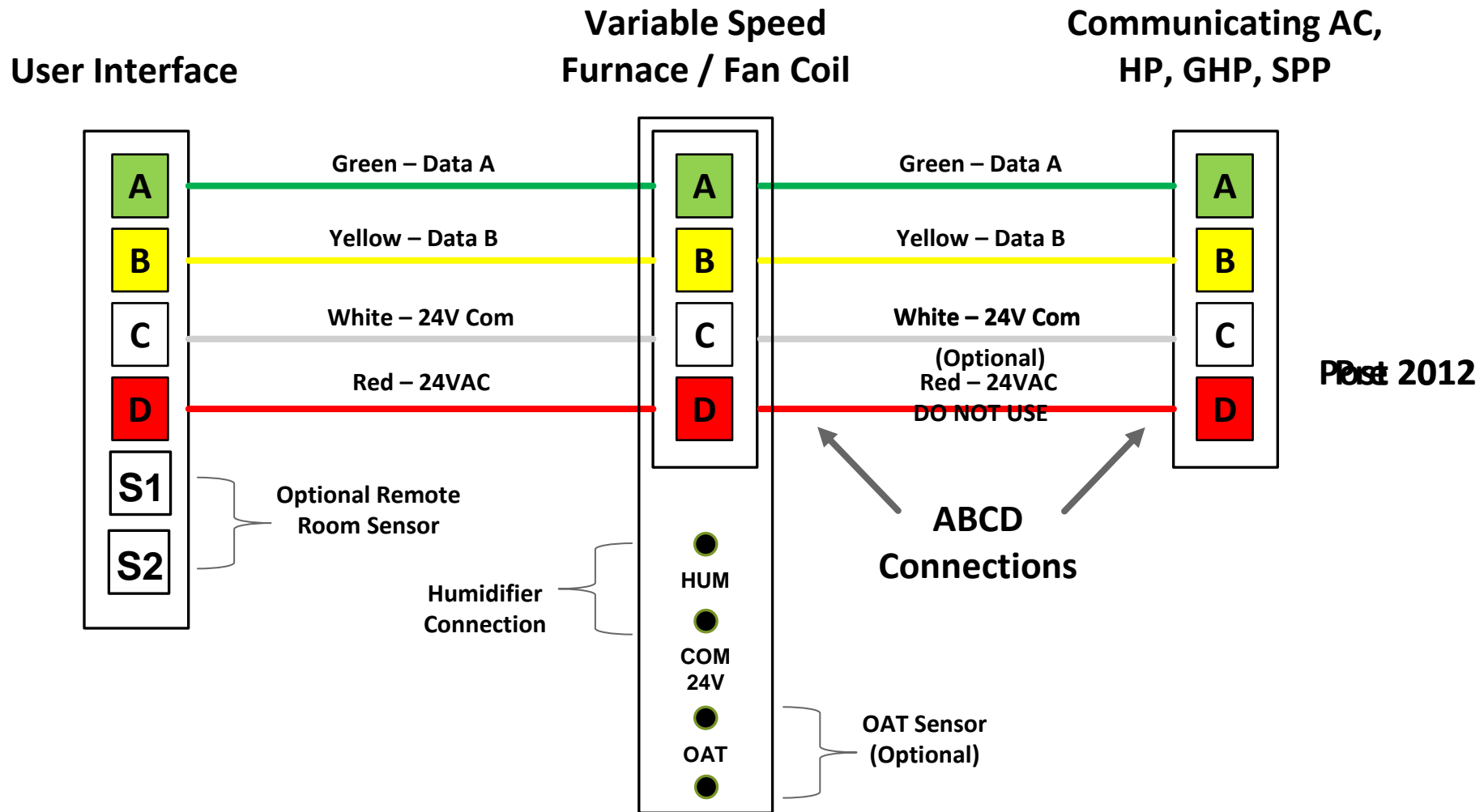


Control Wiring Detail





Control Wiring Detail

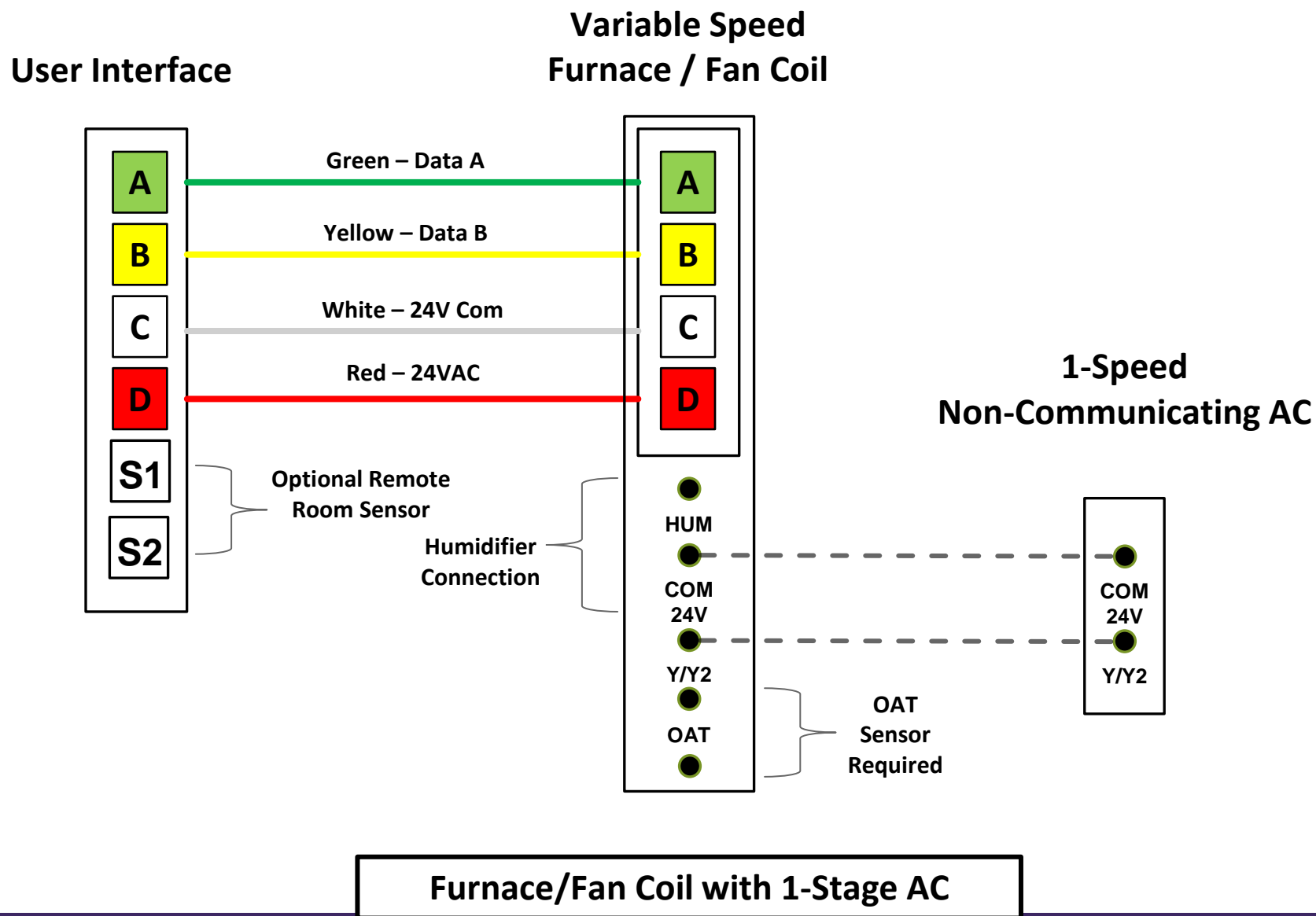


***Note:** Some outdoor units do not require the “C” & “D” Connections. See outdoor unit Installation Instructions.

4 Wire Communicating System

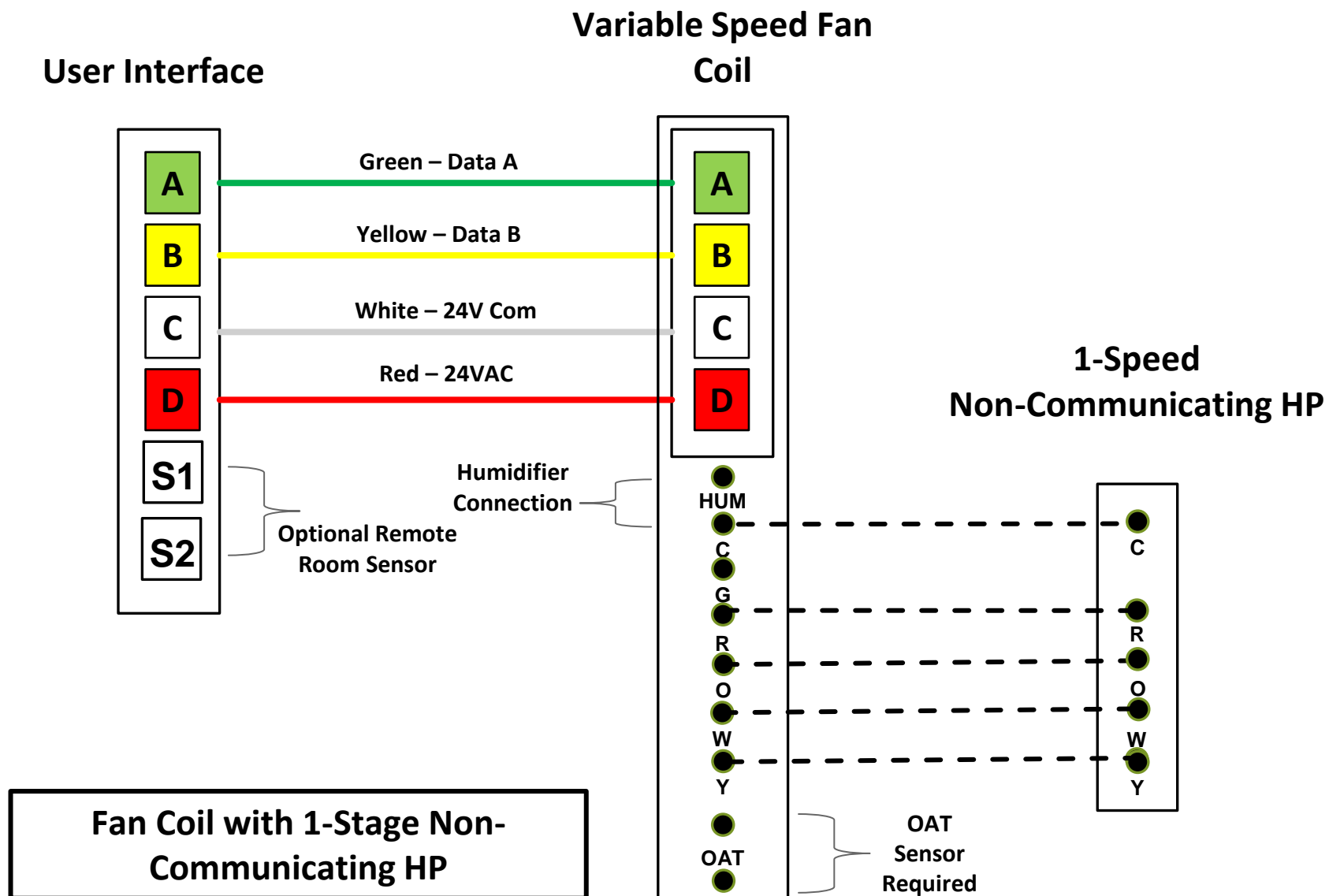


Control Wiring Detail



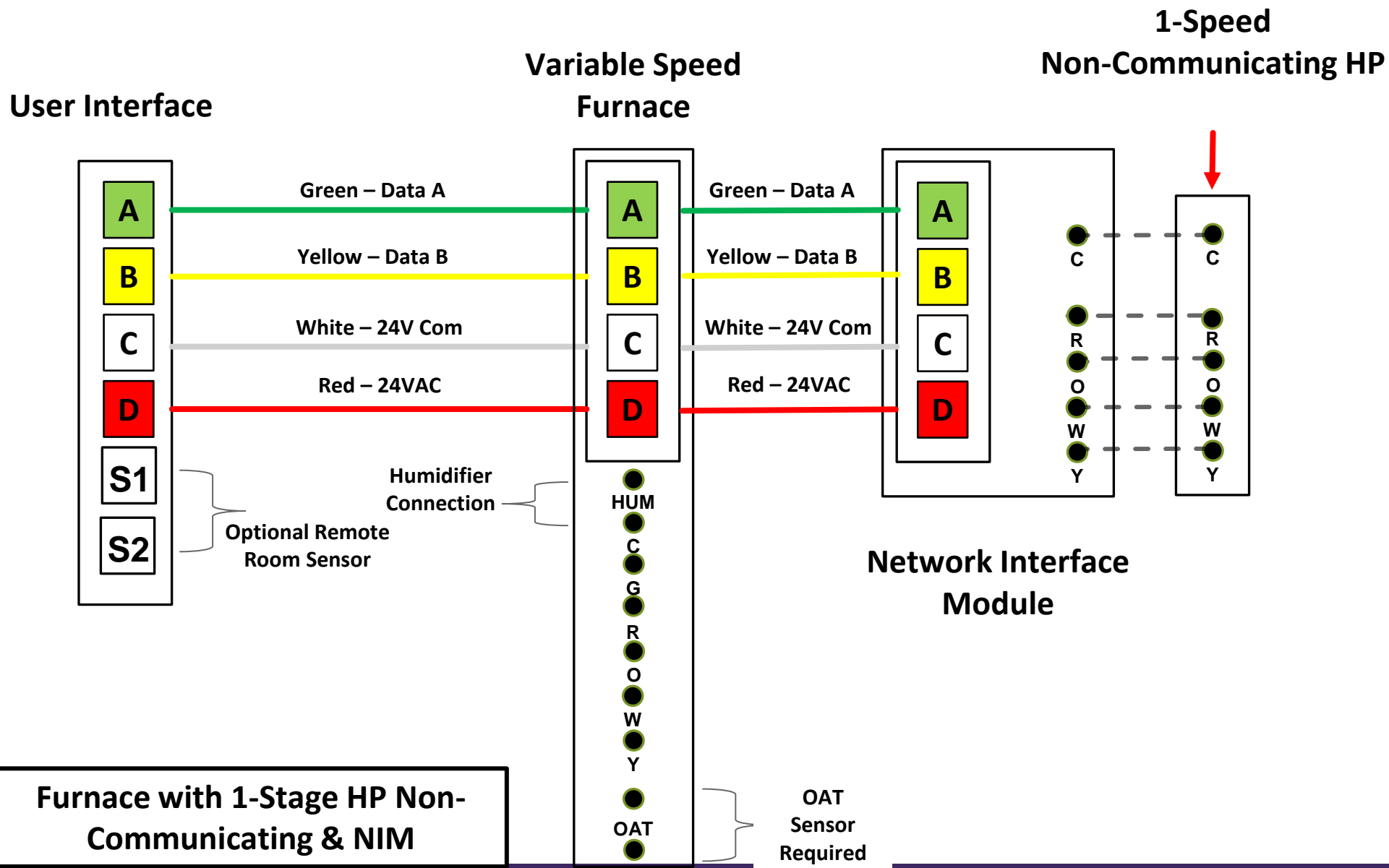


Control Wiring Detail



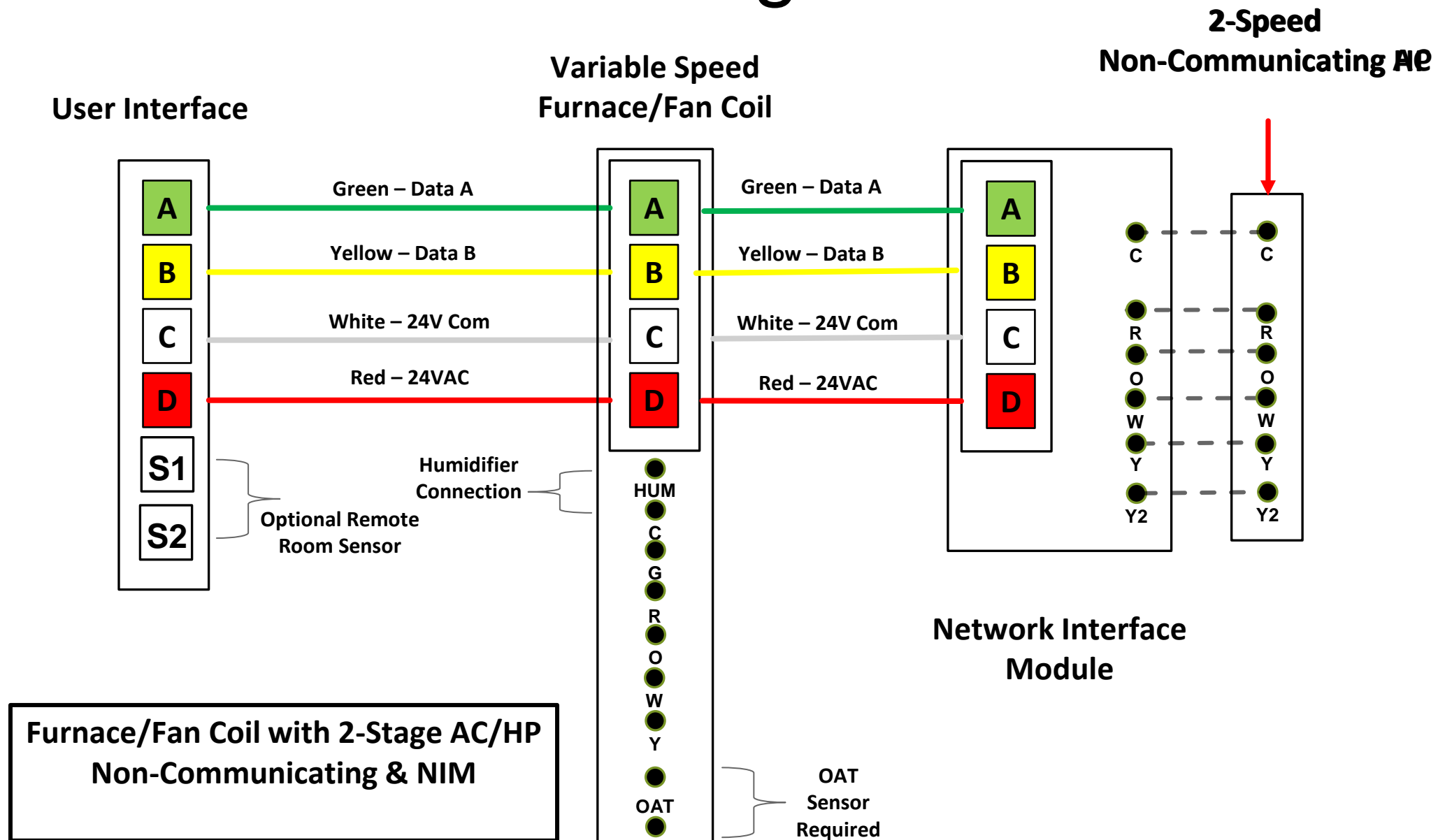


Control Wiring Detail



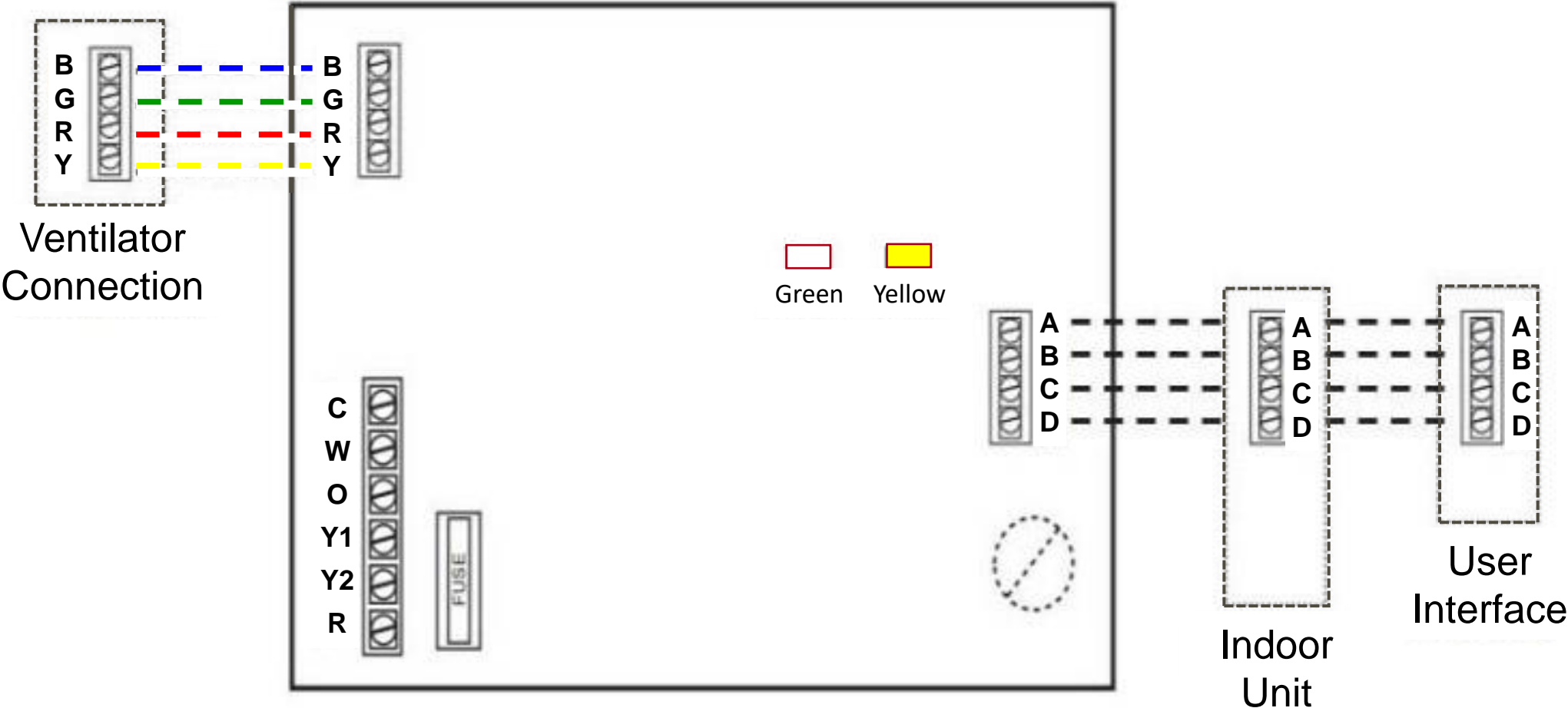


Control Wiring Detail





ERV Control Wiring Detail



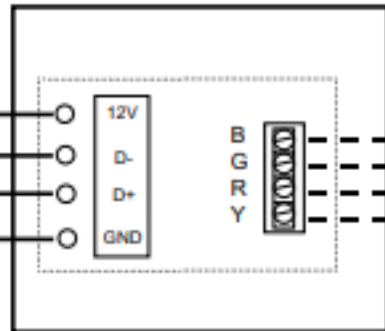


New Performance/Preferred ERV Control Wiring Detail

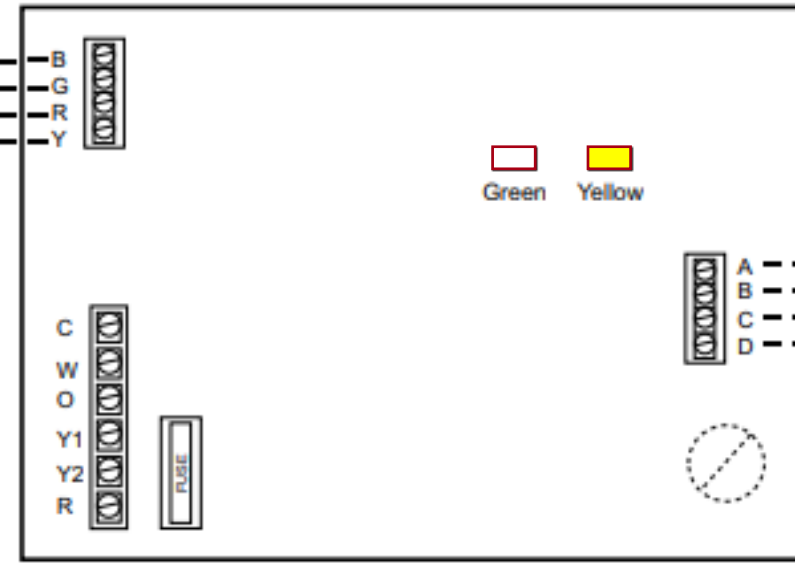
New ERV / HRV Models



Translator Board



Network Interface Module (NIM)

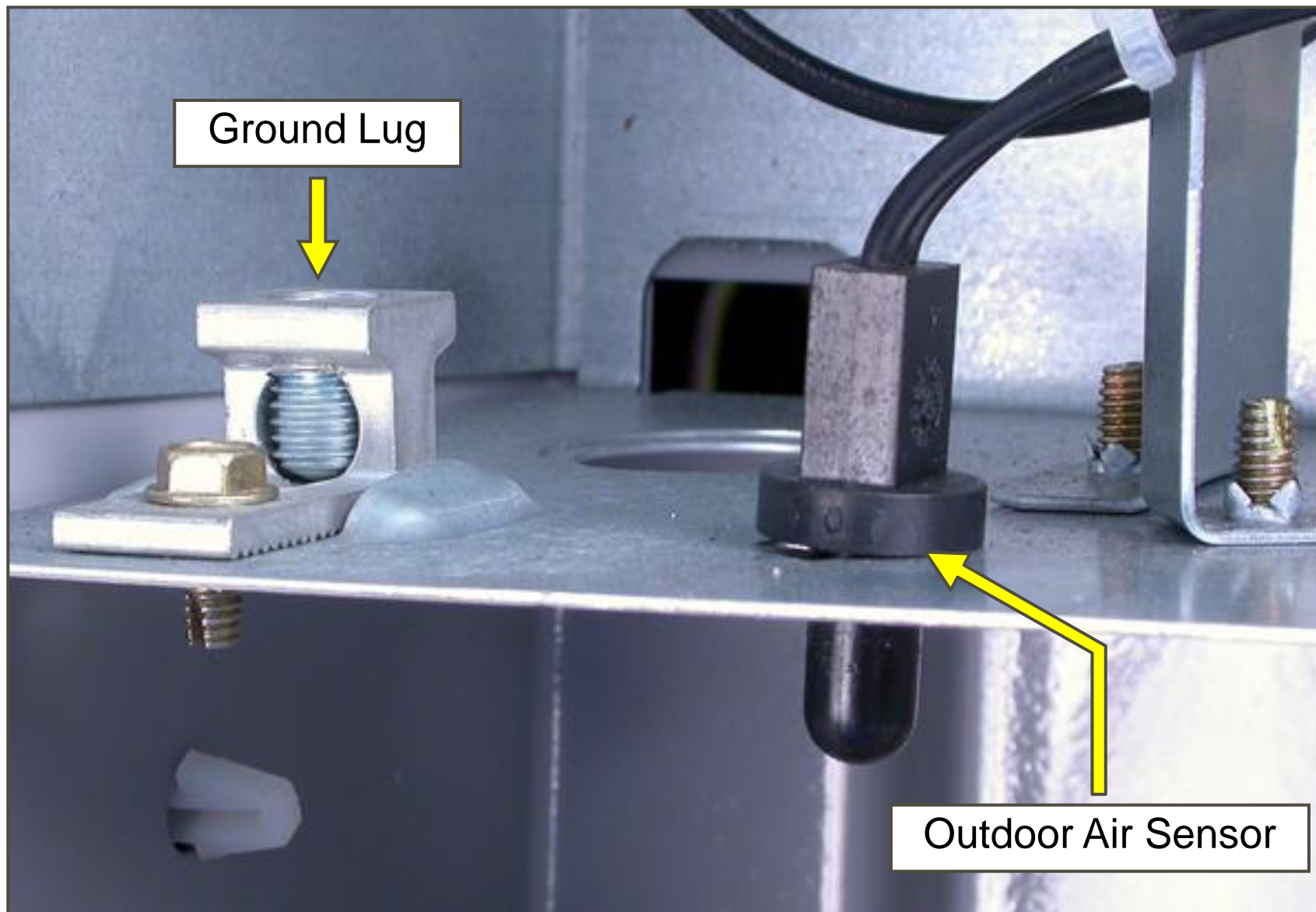


Indoor Unit

System Wall Control

Infinity® System Control	ERV Product	Network Interface Module SYSTXCCNIM01	Translator Board SYSTXXXTRB01
SYSTXCCITC01-B SYSTXCCITC01-C SYSTXCCWIC01-B SYSTXCCICF01-B SYSTXCCWIF01-B	ERVXXSVA1130	Required	Required
	ERVXXSHA1130	Required	Required
	ERVXXSVB1145	Required	Required
	ERVXXSHB1145	Required	Required
	ERVXXSVA1150	Required	Required
	ERVXXSHA1150	Required	Required
	ERVCLHB1200	Required	Not Required

Outdoor Air Temperature Sensor





Outdoor Air Temperature Sensor

TSTATXXSEN01---B



Possible Mounting Locations



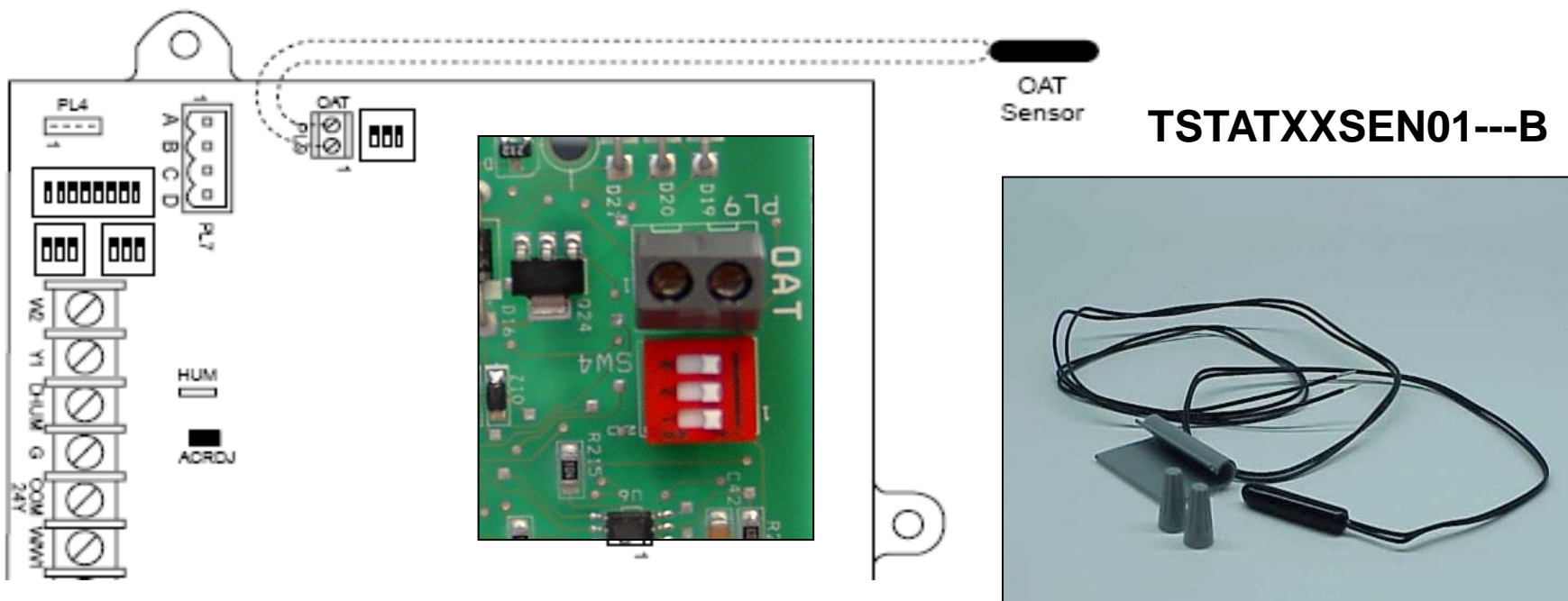
Possible Mounting Locations

Connect to OAT
Terminals on Indoor Unit



Outdoor Air Temperature Sensor

- OAT Sensor provided with Evolution/Infinity and Preferred/Performance Series outdoor units (Communicating Units),
- All Other Condensing units (Non-Communicating Units) **REQUIRE** the OAT Sensor be field installed.
- If OAT is connected to Indoor section directly, it takes priority over all other OATs, including the factory-mounted one in the outside unit.





Equipment Setup & Commissioning



Power Up Sequence

On power up

- User interface:
 - Scans ABCD bus
 - Identifies indoor unit
 - Identifies communicating outdoor unit
 - Identifies self-identifying electric heat





Selecting Outdoor Unit

If outdoor unit can't be found:

- Non-communicating equipment requires NIM
- User interface displays “OUTDOOR UNIT NOT FOUND”
- Select the unit size from the list displayed
- Select NEXT
- User interface displays:
 - HP1 Stage = Single-Stage Heat Pump
 - HP2 Stage = Two-Stage Heat Pump
 - AC1 Stage = Single-Stage Air Conditioner
 - AC2 Stage = Two-Stage Air Conditioner
 - NONE = No Outdoor Unit Installed
- Select the unit type and stages from the list displayed
- Select NEXT

Please select size of heat pump:

18 Kbtu	24 Kbtu	30 Kbtu
36 Kbtu	42 Kbtu	48 Kbtu
60 Kbtu		

back next

Outdoor unit not found
Please select type:

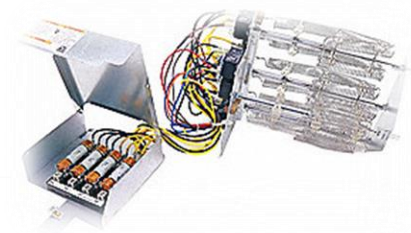
AC 1 Stage	HP 1 Stage	None
AC 2 Stage	HP 2 Stage	

back next



Selecting Electric Heat

- User interface locates self-identifying heater KW
- Enter heater KW for non-self-identifying heaters
- Touch MORE for additional heater sizes
- Touch NONE for a unit without an electric heater
- Select NEXT



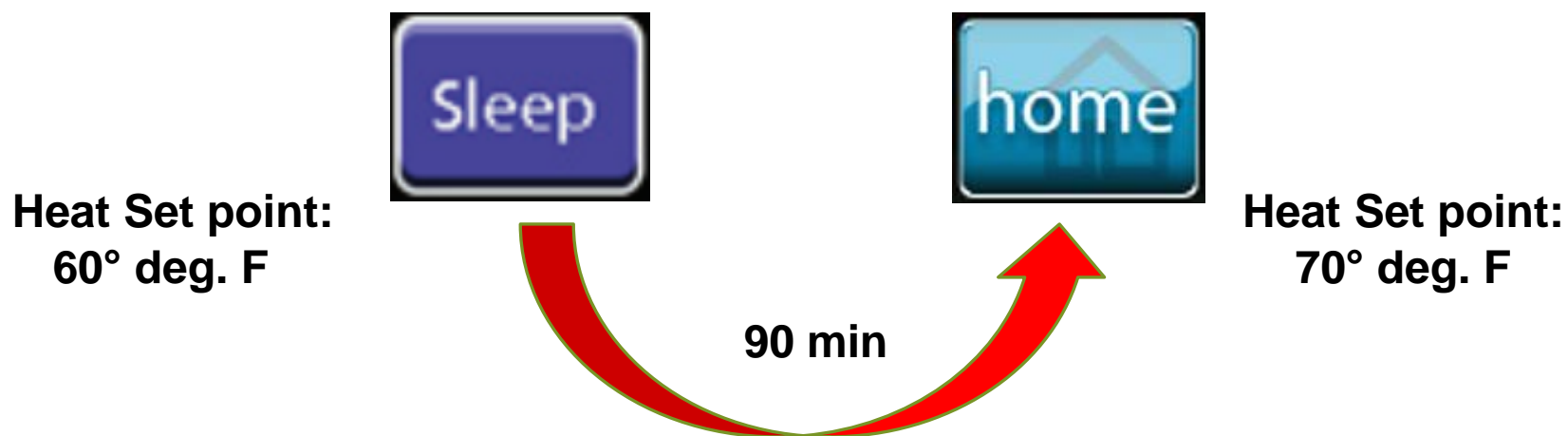
Self-identifying heaters will have a resistor between pins 5 & 8 in the Molex connector

You can utilize electric heat with a temporary heat thermostat if you have a 9KW heat kit installed or if the heat kit is larger you will need to install the Infinity/Evolution Controller first and identify the heat kit, then you can remove the Infinity / Evolution Controller and install the temporary thermostat.



Smart Recovery

Smart Recovery causes the system to ramp the system target set points to those for the next programmed schedule period to help save energy during period transitions. Smart Recovery will start recovery 90 minutes prior to schedule change in both heating and cooling mode.



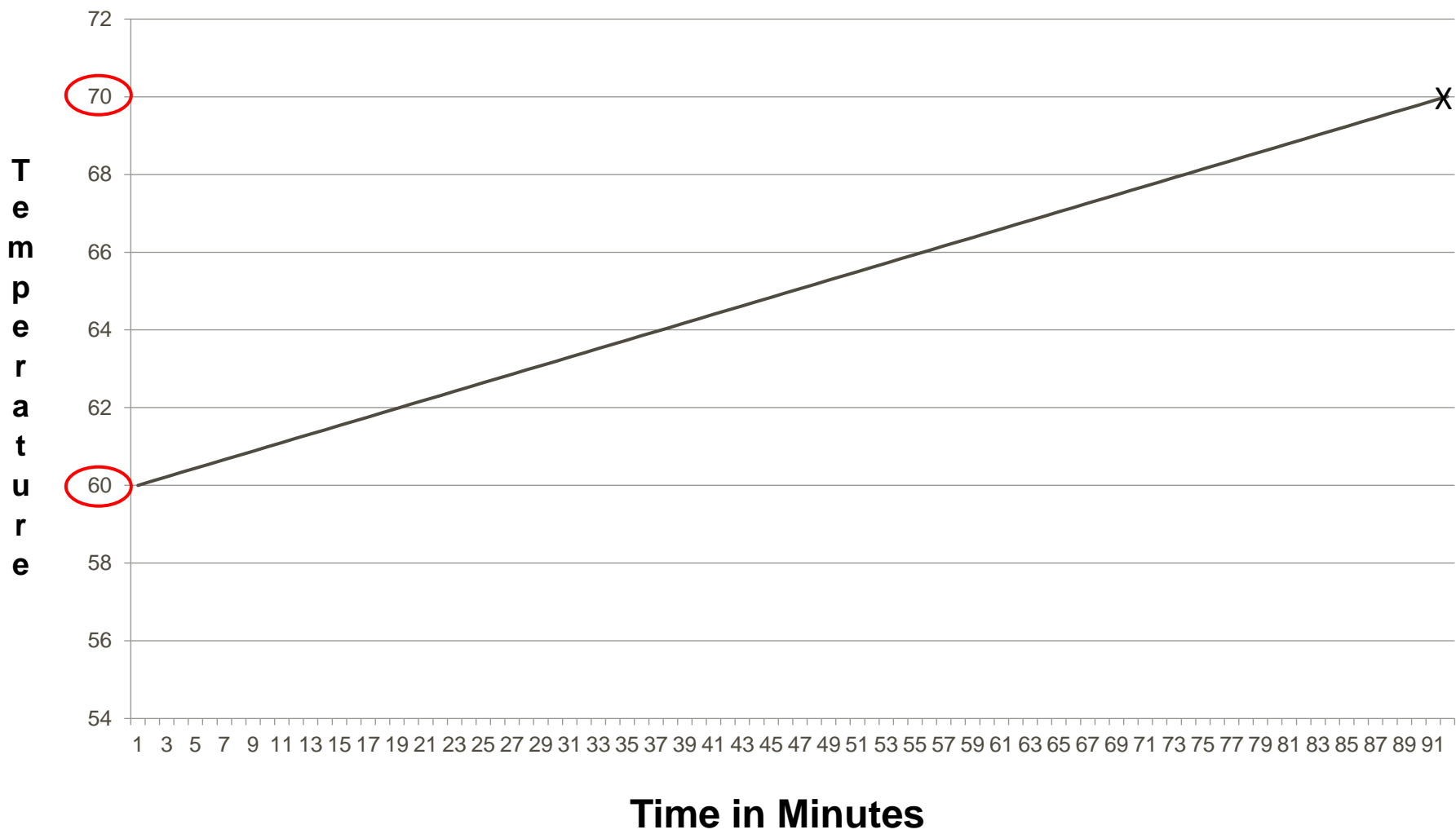


Smart Recovery

- During Smart Recovery, the temperature set point may be observed to change.
- For example: The current set point is heating 60 degrees and the next set point is 70 degrees. During the 90 minutes before the next program period, the set point will move by 0.11 degrees per minute.
(10 degrees/90 minutes) In this example, about every 9 minutes, you'll see the temperature set point change 1 degree.
- See the graph on the next page.

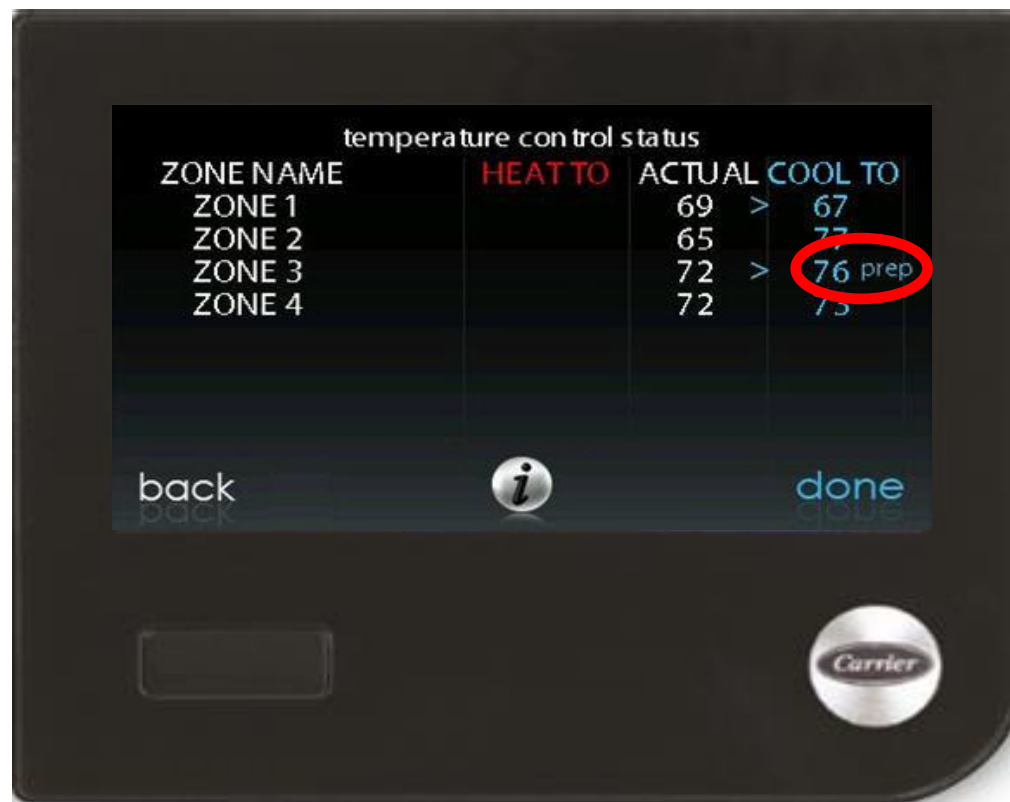


Smart Recovery Cont'd





Smart Recovery



Warn Your Customer: This is the default setting. System will come on 90 minutes before programmed period to get space to next period's set point. There will be no indication on display that this is happening. (In a zoning application it can show in the Temperature Control Status Screen as **Prep**xx<<< or >>>xx**Prep** depending on a **heating** or **cooling** call.



Smart Setback

- Smart Setback tries to determine the best setback temperature. It uses the rate of temp drift and the OAT to determine this value.



This is found in the Menu, Comfort Profiles, Temperature and Fan Profiles, Away.

If you notice you are setting a temperature range and not a specific setpoint.

The Away setting is also used as the Unoccupied or Dump Zone in a Zoning Application.

BREAK TIME



10
MINUTES





Infinity/Evolution Controls



-B Controller



Infinity[®] Touch
User Interface



-C Controller



EVOLUTION[®] CONNEX[™]
User Interface



Configuration





Home Display Screen





Main Display Screen





System Mode





Service Setup





Second Menu Display Screen





Installation & Service





Setup





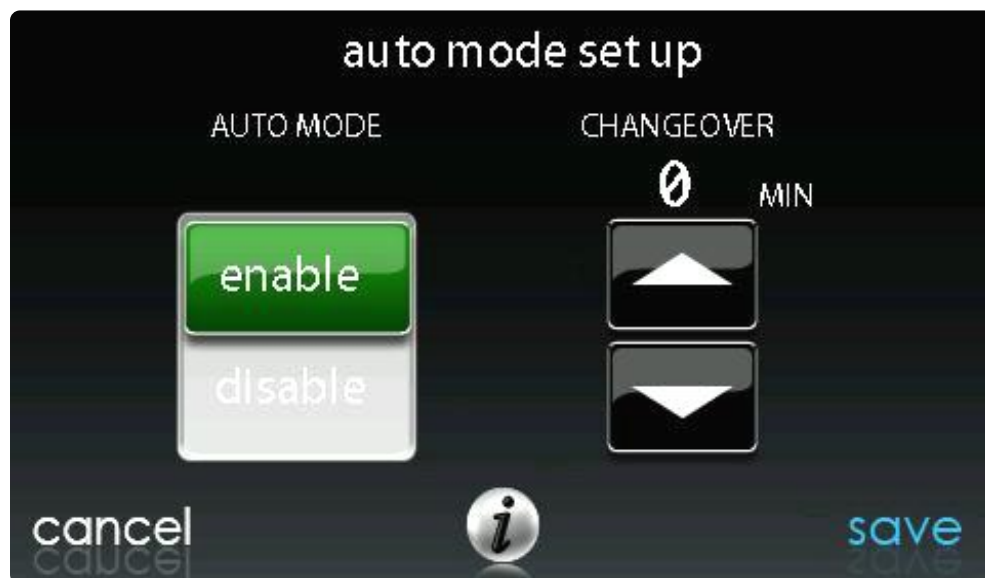
Thermostat – Setup





Thermostat – Auto Mode And Deadband

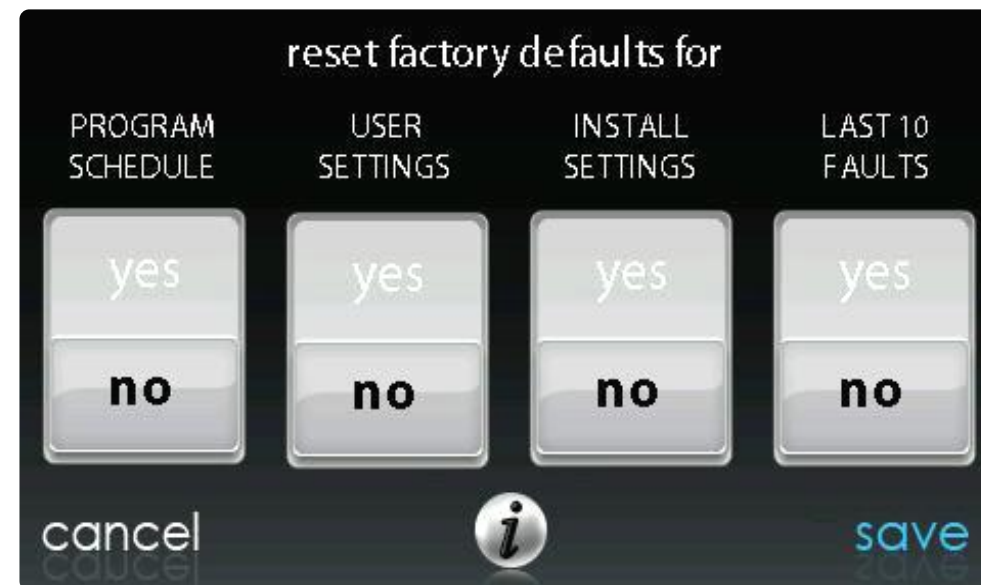
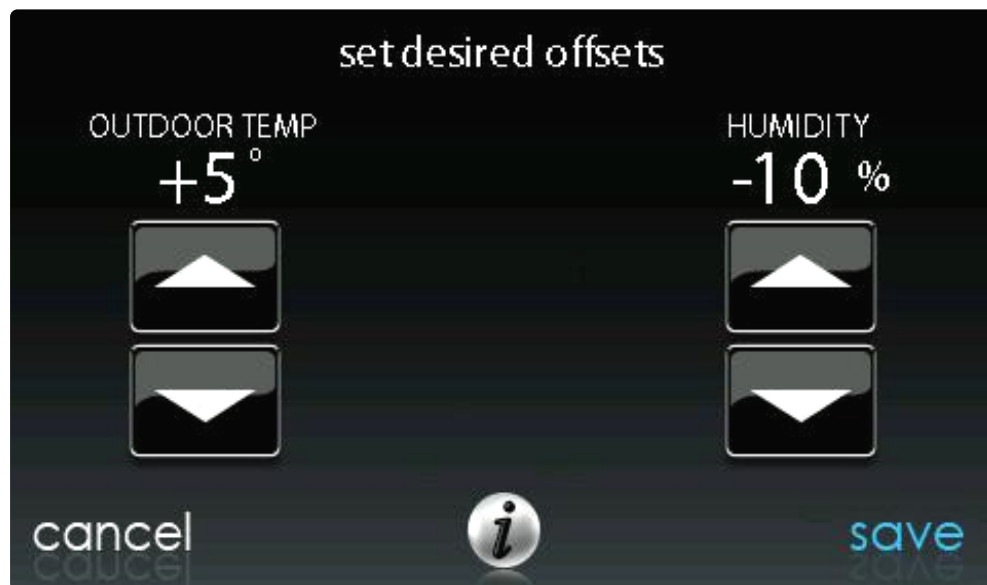
- Enable/Disable Auto mode
- 5 through 120 minutes changeover time
- Deadband = 0° F to 6° F in 1° increments
- 2° F minimum difference between heating and cooling setpoint temperatures





Thermostat – Offsets And Reset

- Temperature Offsets
 - -5° F to +5° F, 1° F increments
- Humidity Offset
 - -10% to +10%, 1% increments





Set Up Fan Coil

- Fan Coil Airflow Limits
 - Comfort or Efficiency
- Elect. Heat Staging
- Air Conditioning & Heat Pump Cooling Airflow
 - Comfort, EFF325, EFF350, Maximum, and Quiet
- Heat Pump Heating Airflow
 - Comfort, EFF325, EFF350, and Maximum
- Dehumidification Airflow
 - High and Normal

fan coil setup

fan coil

AC/HP airflow

setup

thermostat

fan coil

ac/heat pump

heat source lockouts

back

done

dehum drain

G terminal

back

done



Set Up Furnace

- Furnace Airflow
 - Comfort or Efficiency
- Low Heat Rise ON/OFF
- Air Conditioning & Heat Pump Cooling Airflow
 - Comfort, EFF325, EFF350, Maximum, and Quiet
- Heat Pump Heating Airflow
 - Comfort, EFF325, EFF350, and Maximum
- Dehumidification Airflow
 - High and Normal

The screenshot shows a mobile application interface for furnace setup. The top section is titled 'furnace set up' and contains two options: 'furnace airflow' and 'AC/HP airflow'. The 'furnace airflow' option is selected and highlighted with a white border. Below this is a 'setup' section with three options: 'thermostat', 'furnace', and 'ac/heat pump'. The 'furnace' option is also highlighted with a white border. Below these is a 'heat source lockouts' option with a dropdown arrow. At the bottom of the screen are two navigation bars, each with 'back', an information icon, and 'done' buttons.

furnace set up

furnace airflow

AC/HP airflow

setup

thermostat

furnace

ac/heat pump

heat source lockouts

back

done

back

done



Airflows

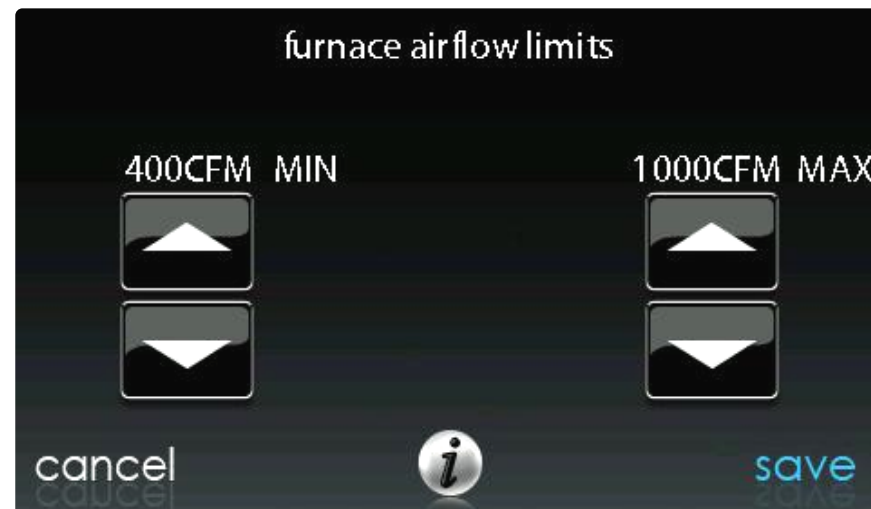
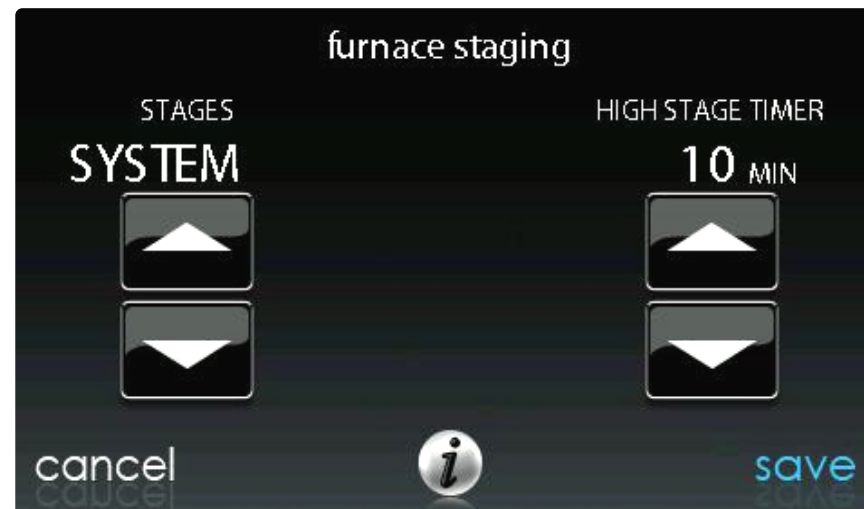




Furnace Staging

- Staging
 - Low, *Low-Medium, *Low-High, Medium, *Medium-High, High, Furnace, and System
- Airflow Limits*
 - *MIN - . Modulating limits increase minimum capacity
 - *MAX – Modulating limits decrease maximum capacity
- Off Delay
 - 90, 120, 150, and 180 seconds
- Altitude
 - Installed elevation
- Dehum Drain
 - Fan OFF at end of cooling (Continuous Fan Application)

* These only apply to modulating furnaces

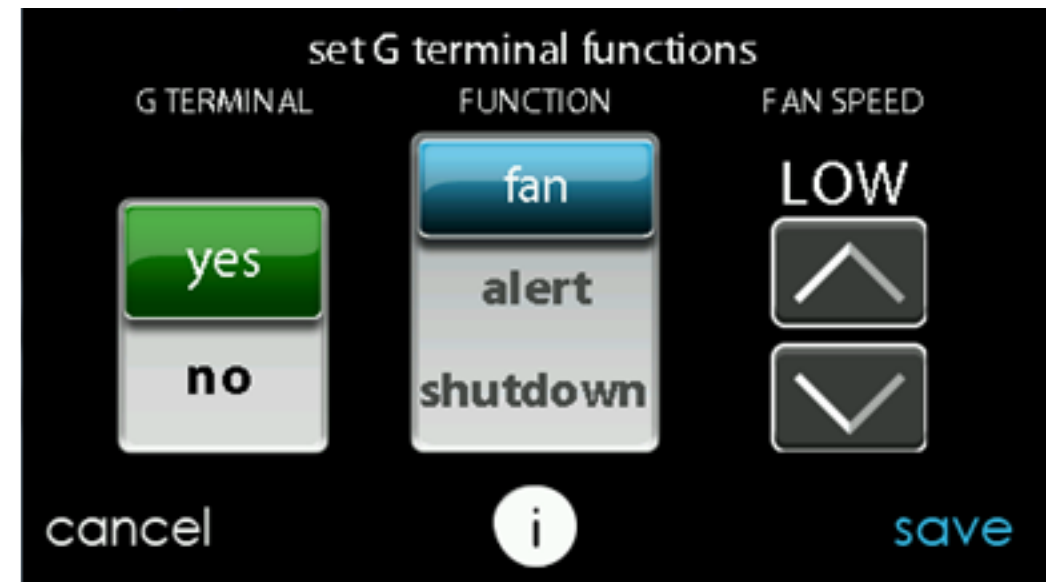




“G” Terminal

The detailed instructions on how to perform the task of turning on the “G” option is in the User Interface Installation Manual.

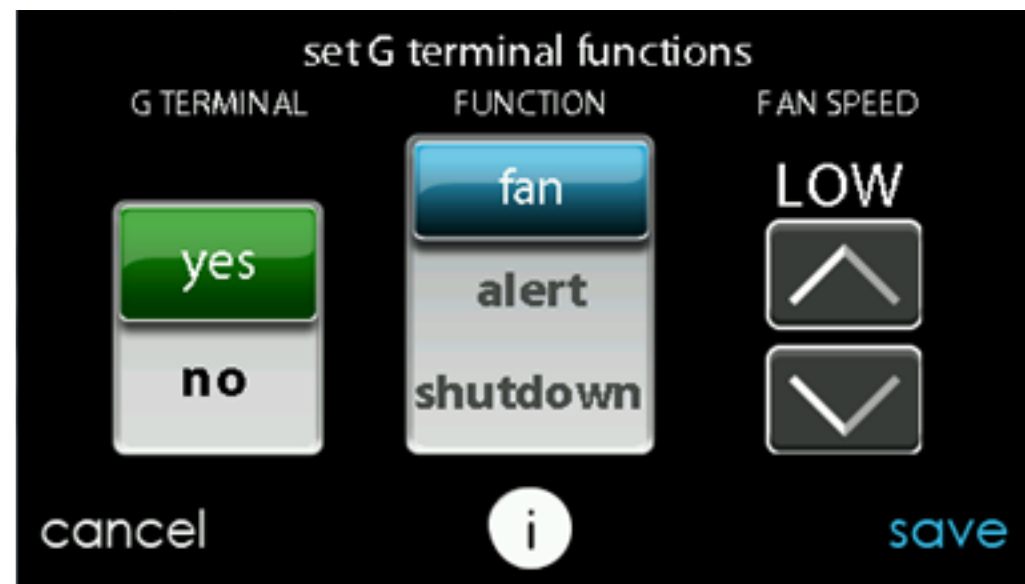
You can only use the “G” fan function for the fresh air.





“G” Terminal

- G Terminal (Furnace and Fan Coil)
 - Switch or relay between “R” and “G” terminal
- Fan Speed
 - Low
 - Medium
 - High



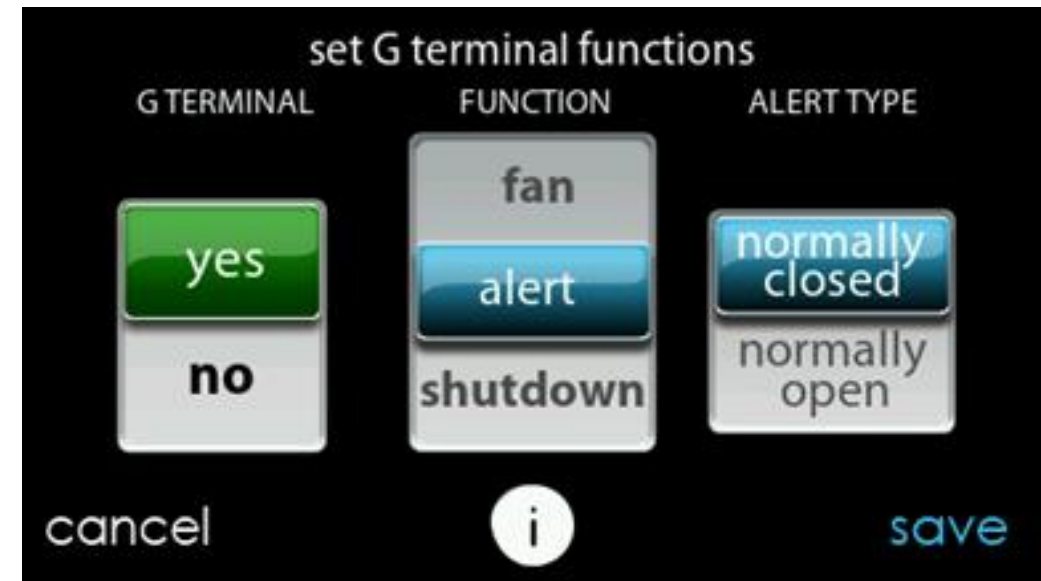


“G” Terminal

The detailed instructions on how to perform the task of turning on the “G” option is in the User Interface Installation Manual.

Use the alert function to select the contact state for an alert.

Select Normally Open or Normally Closed, and then save your selection.





“G” Terminal

The detailed instructions on how to perform the task of turning on the “G” option is in the User Interface Installation Manual.

Once the G Terminal Alert label has been entered, it is shown both on the main screen and in the notification email when the alert becomes active. You can edit the message in these boxes.

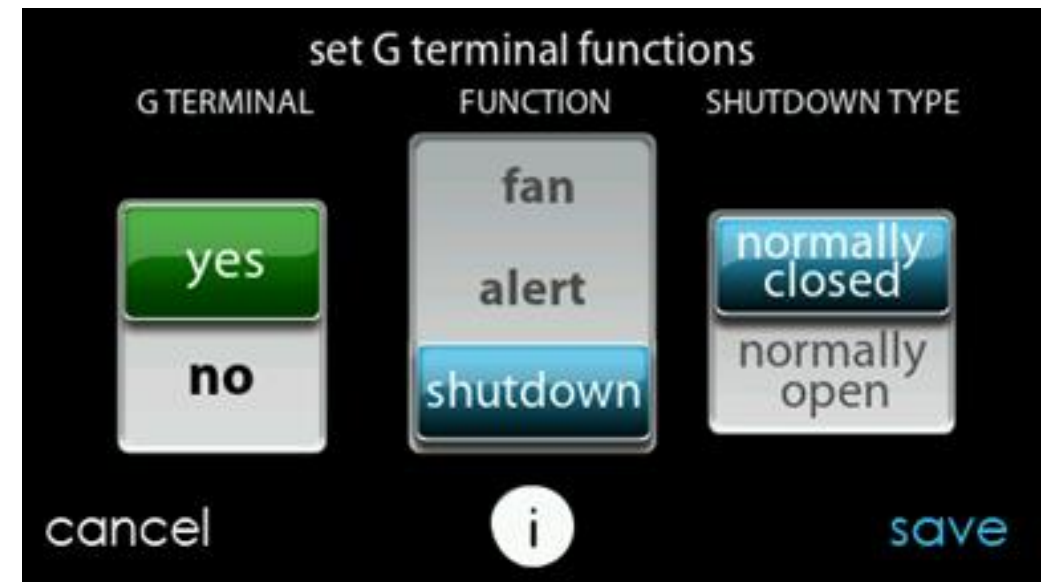
The screenshot shows a dark-themed interface for configuring a "GTerminal Alert label". At the top, the title "GTerminal Alert label" is displayed. Below it, the text "message to display:" is followed by three stacked white input boxes. The first box contains the text "AUXILIARY", the second box contains "INPUT (G)", and the third box contains "ALERT". At the bottom of the screen, there are three elements: the word "cancel" on the left, a circular icon with a lowercase "i" in the center, and the word "save" on the right.



“G” Terminal

The detailed instructions on how to perform the task of turning on the “G” option is in the User Interface Installation Manual.

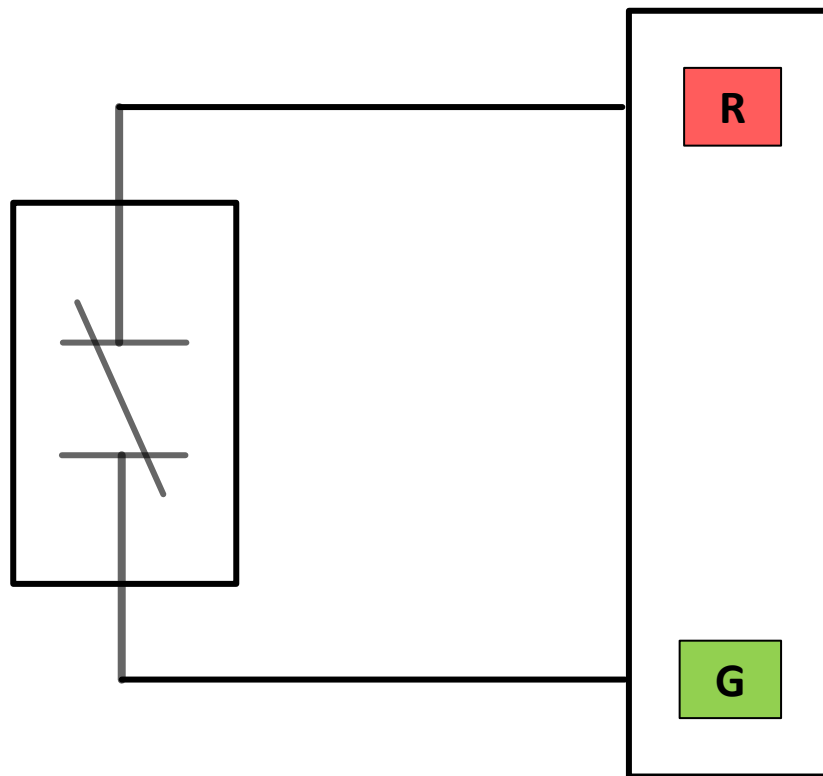
You can only use the “G” function for either the fresh air under the fan selection or the float switch under the shutdown selection but not both. If you have both it is recommended that you break “R” for the float switch.





"G" Terminal

Float Switch



FE Fan Coil or Variable
Speed Furnace

G Input Wiring for Shutdown Operation
Select contact type either (N.O. / N.C.)



Outdoor Unit Setup – Display 1

- Cooling Lockout
 - None, 45, 50 or 55° F
- Defrost Interval (Heat Pump)
 - 30, 60, 90, 120 minutes and Auto
- Low Ambient Cooling
 - Yes or No
 - Cooling Lockout





Outdoor Unit Setup – Display 2

- Quiet Shift
 - On or Off
- AC/Heat Pump rpm max
 - Only functions with variable-speed compressor
- High Heat Latch
 - Select outdoor temperature and speed/stage
- High Cool Latch
 - Select outdoor temperature and speed/stage





Outdoor Unit Setup – Display 3

- Defrost Fan Delay
 - With accessory electric heaters
 - Shown only if entered
 - Not shown if self-identified
- Brownout Disable
 - Voltage detection feature
 - Must have HK38EA015 defrost control board or greater outside
- Energy Efficiency
 - Off, On
(Temperatures between 20°F to 50°F)





Heat Source Lockout





Accessories





Selecting Filter Type

- Change Service Interval Notification To User
 - Replace or Clean Filter
 - 1 to 18 months
 - Default 3 months
- Pressure Monitoring (not available or effective with air cleaners that do not use filter media, such as Electric Air Cleaners):
 - Enable or Disable. Default = Enable



<u>Installed Filter</u>	vs.	<u>Menu Selection</u>
1-inch to 4-inch media	=	AIR FILTER
Electronic Air Cleaner	=	EAC
Air Purifier	=	AIR PURIFIER



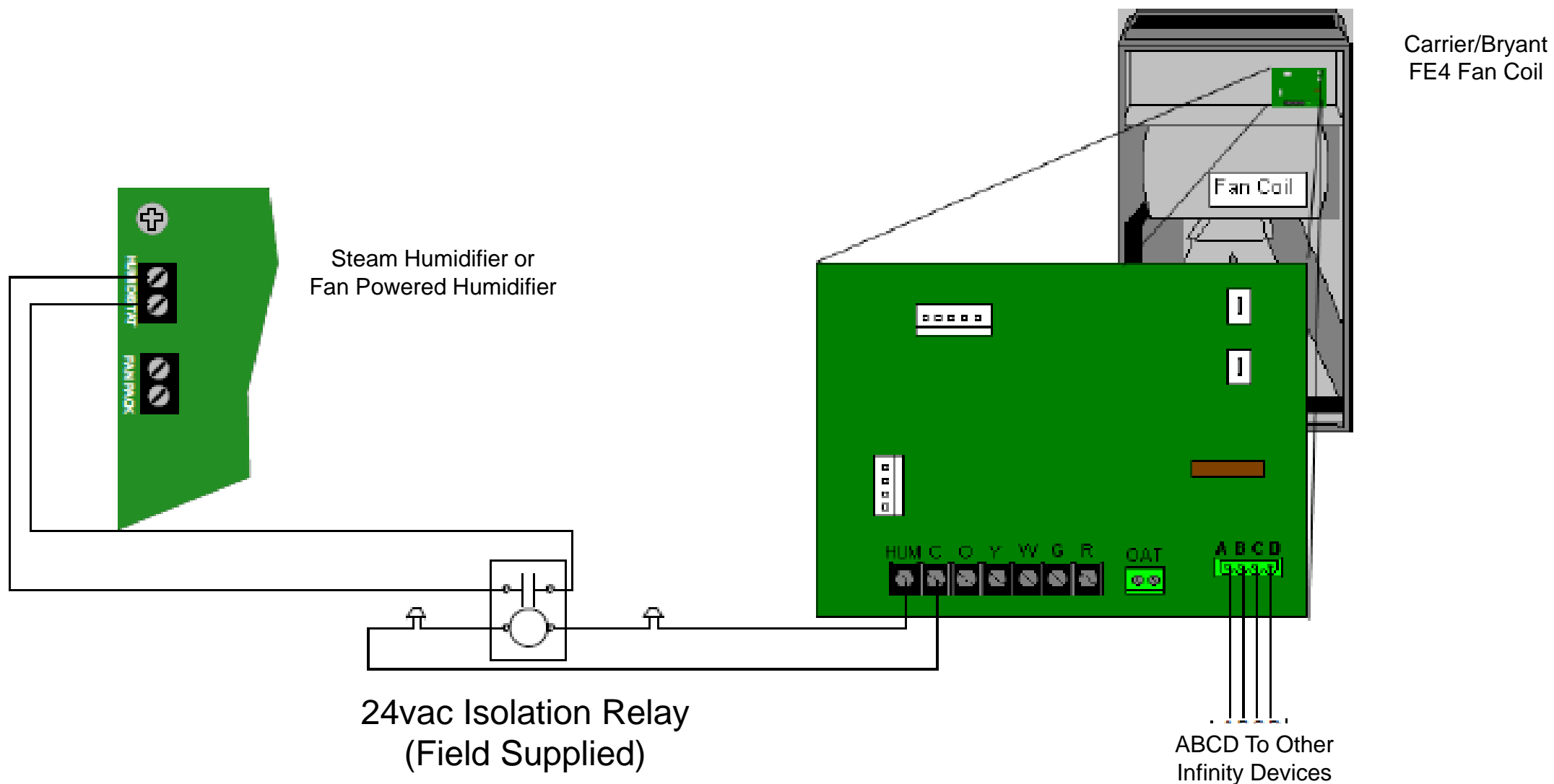
Humidifier

- Humidifier Installed:
 - Yes or No. Humidifier selection made during installation; otherwise, default = No
- Change Pad:
 - Selectable from 1 to 24 months. Default = 12 months
- Humidify with Fan:
 - Yes or No. Default = No





Steam/Fan Powered Humidifier Wiring





UV Lights

UV Lights:

- Touch either YES or NO symbol
- YES - if a UV light is in system
- Select SAVE
- Change service interval notification to user
 - Change UV lights
 - 1 to 48 months
 - Default 12 months





Ventilator

- Change service interval notification to user
 - Clean ventilator pre-filter
 - 60, 90, 120, 150 or 180 days
 - Default 90 days





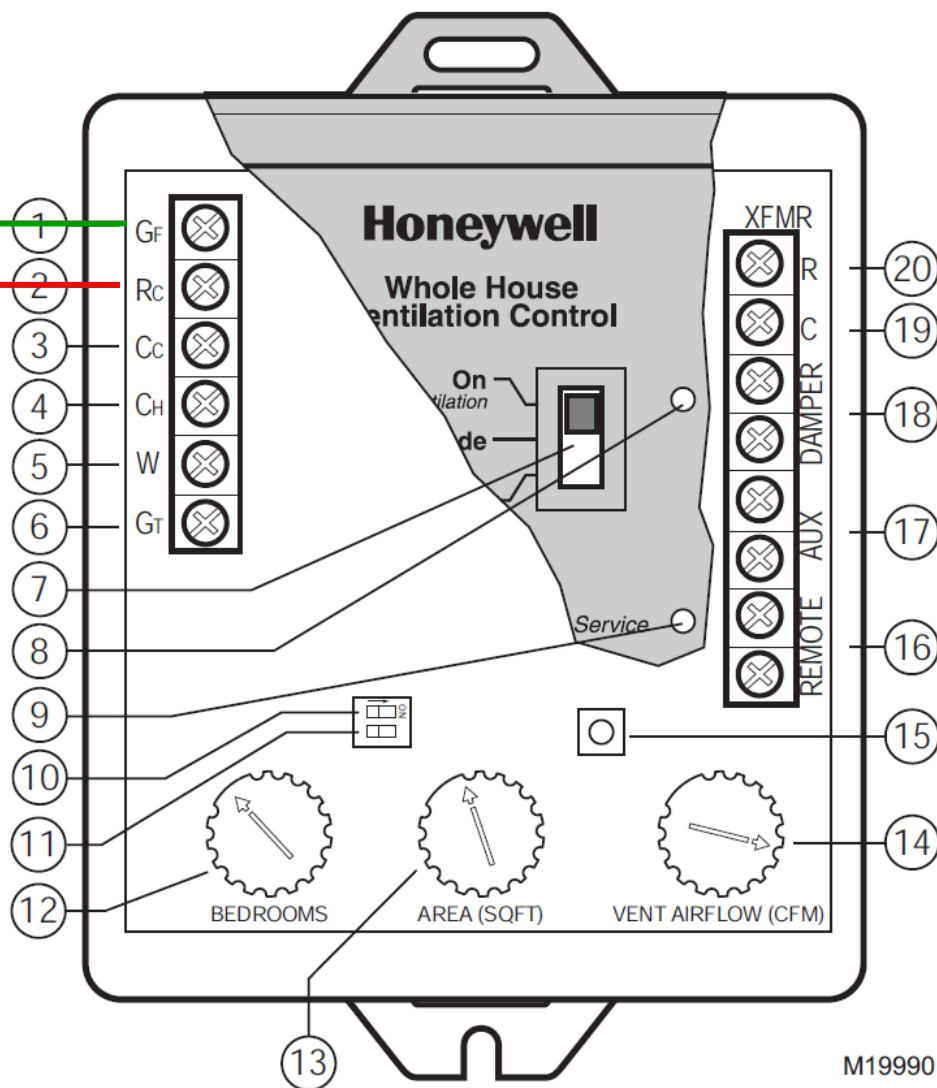
Where do you set the AC/HP airflow?





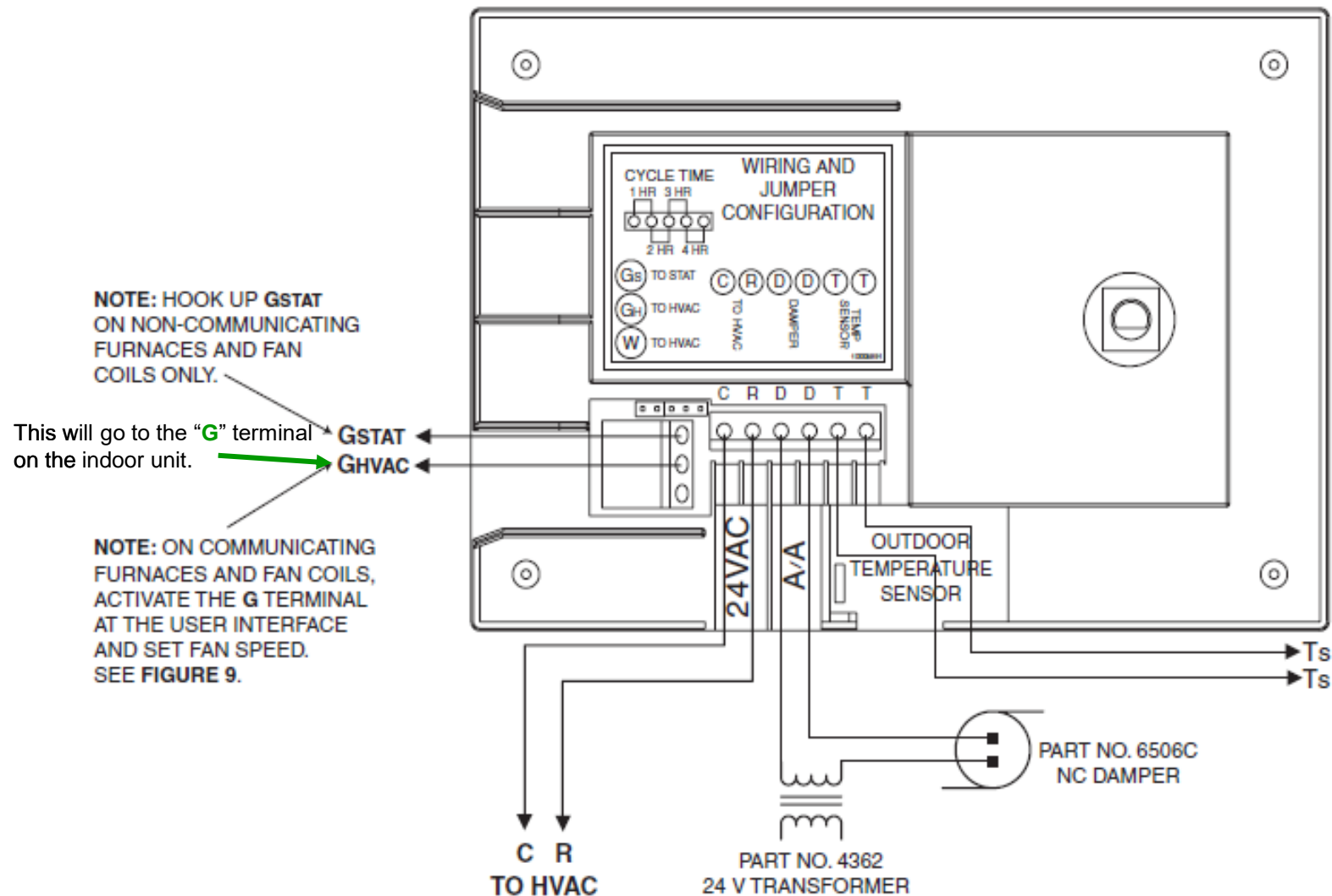
Honeywell Y8150 Ventilation Control

Green goes to the “**G**” terminal on the low voltage strip in the indoor unit and **Red** goes to the “**R**” terminal on the low voltage strip in the indoor unit.





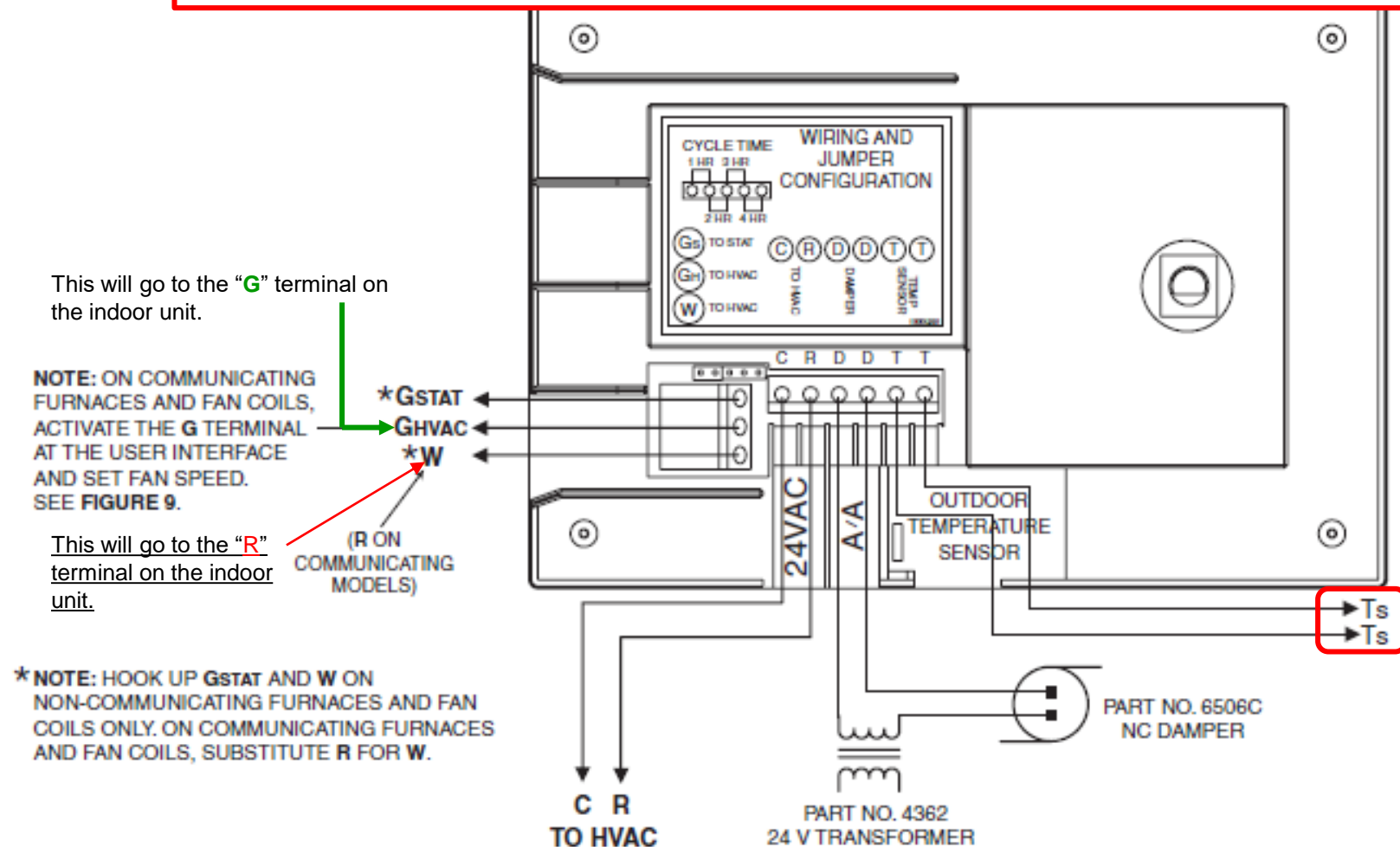
Carrier Fresh Air Damper and Control Kit





Carrier Fresh Air Damper and Control Kit

If fresh air ventilation is required below 20°F db outside, then wire controller as shown





Hydronic Heat

Hydronic Heating

- Hydronic Heat Kit: KFAIF0101HWC
- Consists of a circuit board, relay, and wire harness
- Relay wires into Hydronic Heat System
- Recognized by Communicating Control as Hydronic Heat
- Displays HYDRONIC HEAT
- Requires fan coil board HK38EA012 or newer



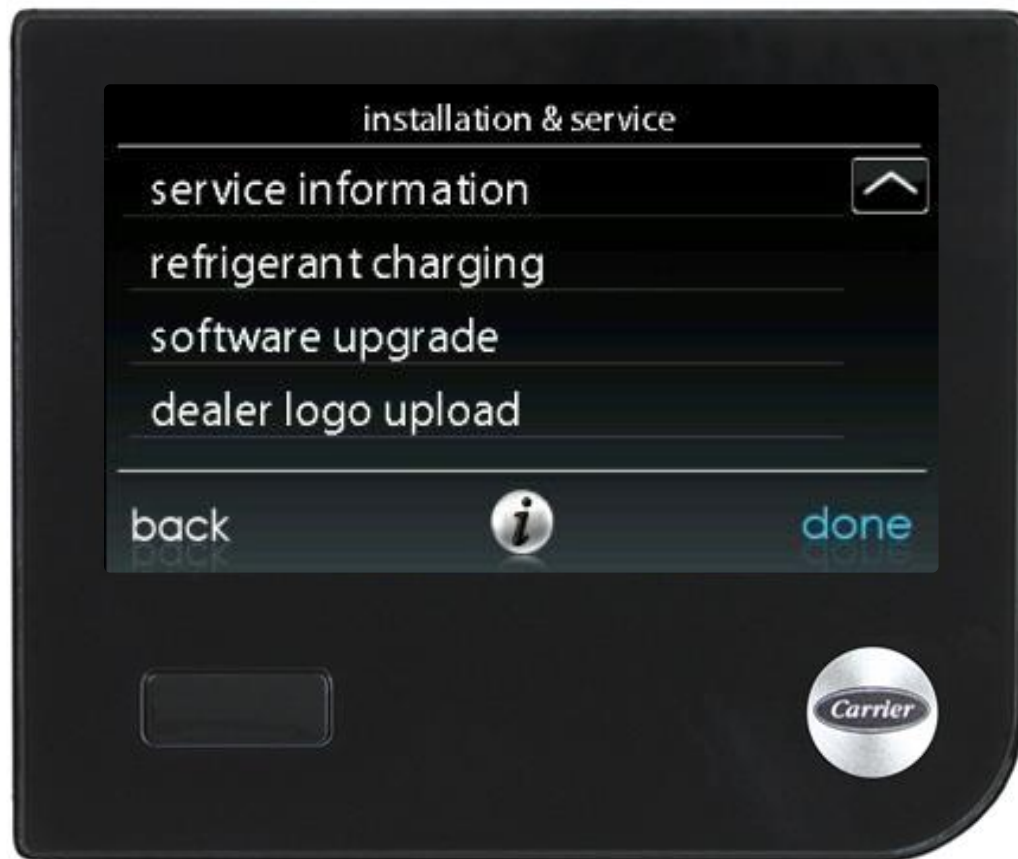
Hydronic Heat Setup

- Hot Water Lockout – YES or NO
 - YES, 5 to 55° F
- Heat Pump Lockout – YES or NO
 - YES, 5 to 55° F
- Defrost with Water – YES or NO
- Heating Airflow
 - Off, 500 CFM (MIN) to 400 CFM/TON
- Blower On Delay
 - 0 to 240 seconds
- Blower Off Delay
 - 0 to 240 seconds





Variable Speed Heat Pump (VSHP)





Refrigerant Pumpdown





Evacuation and EXV Check





Refrigerant Charging Check






Refrigerant Charge Calculation

refrigerant charging setup

furnace coil: CNPHP6024ALA



line set: 15 ft

vapor line: 5 /8 in

back 

line settings


line set 15 ft

cancel

charge weigh in

expected factory charge:	9 lb	8 oz
add for line set:	1 lb	4 oz
add for indoor coil:	0 lb	6 oz

back  next



Service Valve Subcool Charging

service valve subcool

target service valve subcool: 8.3 F

back 

service valve subcool

please wait...

target service valve subcool: 8.3 F

stabilization time:


mode//speed: cool//


EXV position:

indoor airflow:

back 

service valve subcool

outdoor coil temp:	102 F	
indoor temp:	78 F	
outdoor temp:	91 F	
compressor discharge pressure:	364 psig	
accumulator suction pressure:	159 psig	

back  done



Start Up





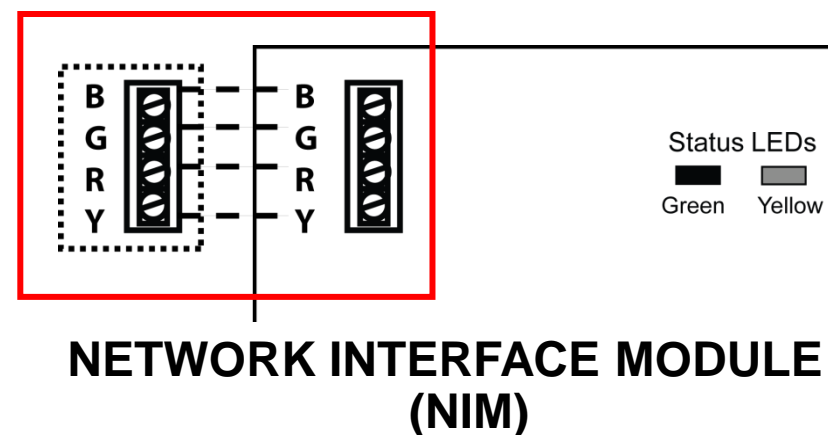
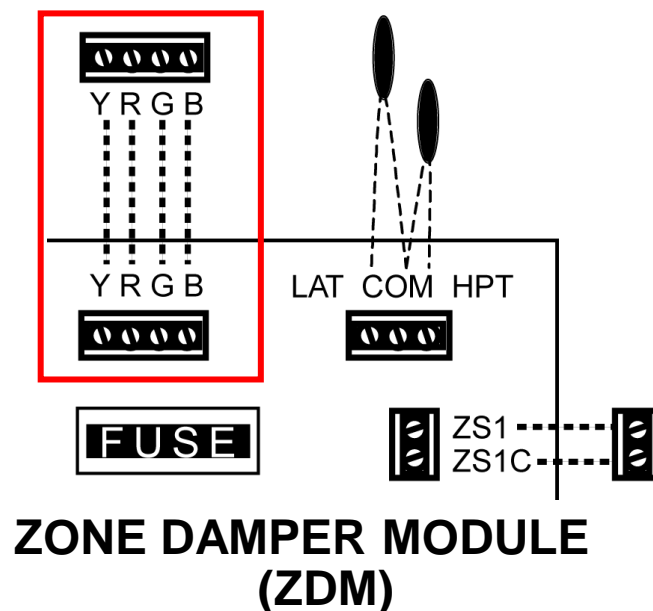
Check Before Starting Unit

- With the power off, check all electrical connections to ensure that they are correct and tight.
- Make sure all filters, panels, and covers are in place.
- Turn on the power at the breaker box and at the unit disconnects.
- Energize the crankcase heater for 24 hours before starting the system. To energize the crankcase heater only, set the indoor UI to the OFF position and close the power disconnect to the unit.
- Check that the condensate system drains properly, and that any condensate pump (if used) is working properly.
- Check that the system is properly charged with refrigerant.



ERV/HRV Not Recognized by System

- Check wiring:
 - Ventilator wired to YELLOW, RED, GREEN, and BLUE terminals of ZDM or NIM
- Check for 12 volts between Y(+12 vdc) and B (ground) on ventilator
 - Make sure ventilator powered





Equipment Summary

- Touch INSTALLATION in the SERVICE menu to change choices
- Touch the word DONE to save choices and return to Main display screen





Mistake on Start-up Screen

- **Change ventilator from NO to YES**
- Touch DONE to return to main display screen
- Touch the word MENU
- Touch the SERVICE symbol and hold for 10 seconds
- Touch the word INSTALLATION then NEXT
- Make corrections

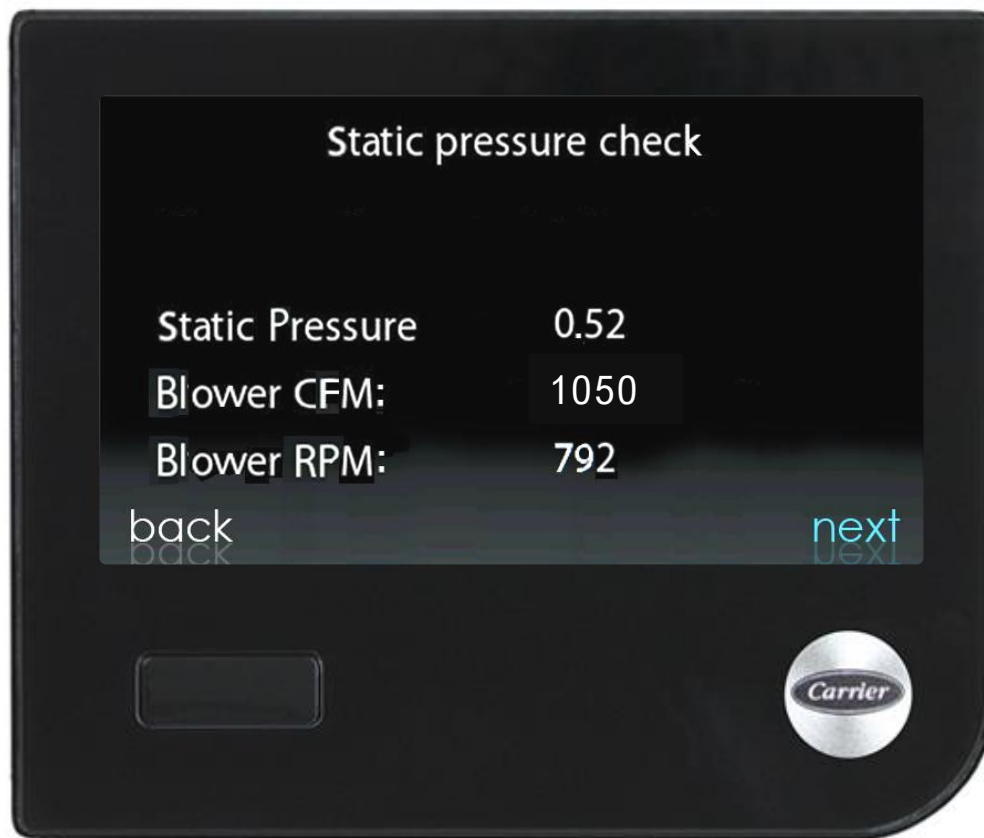




System Static Pressure

At the desired airflow, the controller measures:

- Duct static pressure, system cfm, and motor rpm





Clean or Replace Filter

- CLEAN OR REPLACE FILTER is displayed after a short period of time:
- Probable cause:
 - System static pressure approaching equipment capability
 - Check/replace filter
 - Evaluate ductwork for lower system static pressure
 - Disable pressure measurement in filter setup screen





Infinity / Evolution Control TrueSense™ Filter Detection

At 1:00 PM each day, or when the user switched the system from OFF to any operating mode, the fan will run at either 233 CFM X ton of cooling capacity or (90% High Heat Airflow X 1.5), whichever is higher for one minute after heating/cooling is turned off (A heating or cooling call will be interrupted if in progress at 1:00 PM). If the furnace staging is set to LOW, then use the low furnace airflow X 1.5 or cooling airflow (233 CFM X ton), whichever is highest. Blower RPM measurements are then taken, and a static pressure is calculated.

If the blower has not run in the past 24 hours, the measurement will not be made. If the system is off and the fan is off (or Auto), the current measurement will not be performed.



Infinity / Evolution Control TrueSense™ Filter Detection Current & Past Functionality

Versions 3,5,6,8
Software (Older
UI's)

Initial Static	100% Used
0.1	0.64
0.2	0.68
0.3	0.72
0.4	0.76
0.5	0.80
0.6	0.84
0.7	0.88
0.8	0.92
0.9	0.96

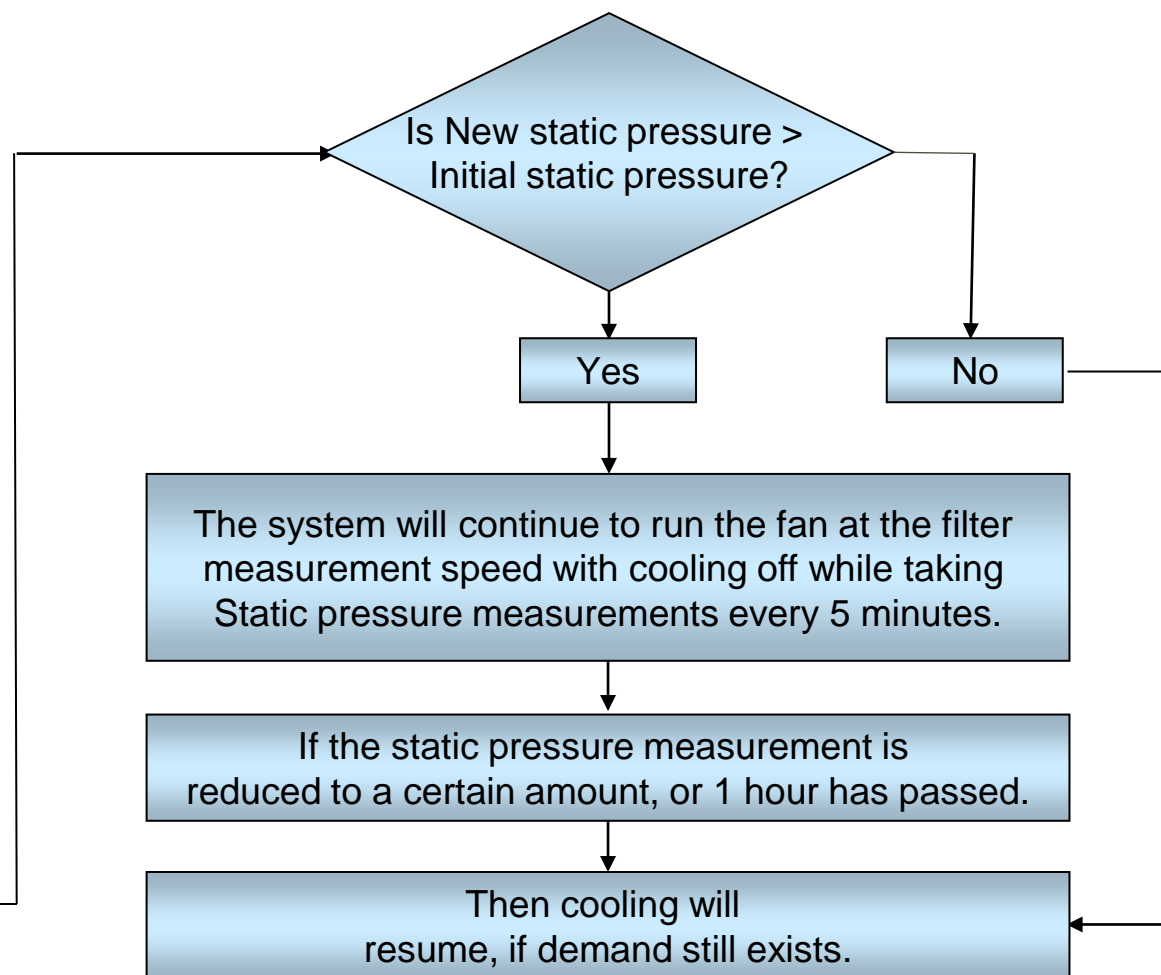
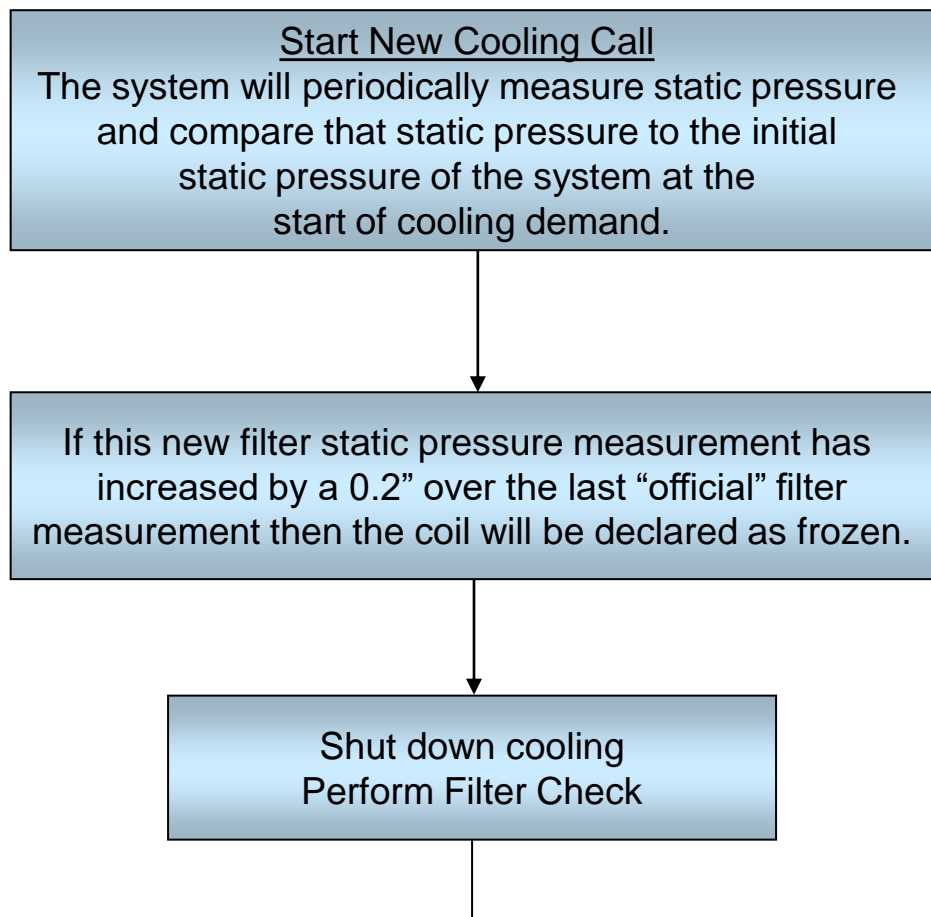


Initial Static	100% Used
0.1	0.64
0.2	0.68
0.3	0.72
0.4	0.76
0.5	0.80
0.6	0.84
0.7	0.88
0.8	1.22
0.9	1.26
1.0	1.30
1.1	1.34
1.2	1.38
1.3	1.42
1.4	1.46

Version 10
Software through
(-A) & (-B) Models



Infinity / Evolution Frozen Coil Detection





Checkout





Checkout Menus

- Touch main display screen
- Touch the word MENU
- Touch and hold the SERVICE symbol
- Touch the word CHECKOUT





Checkout Equipment



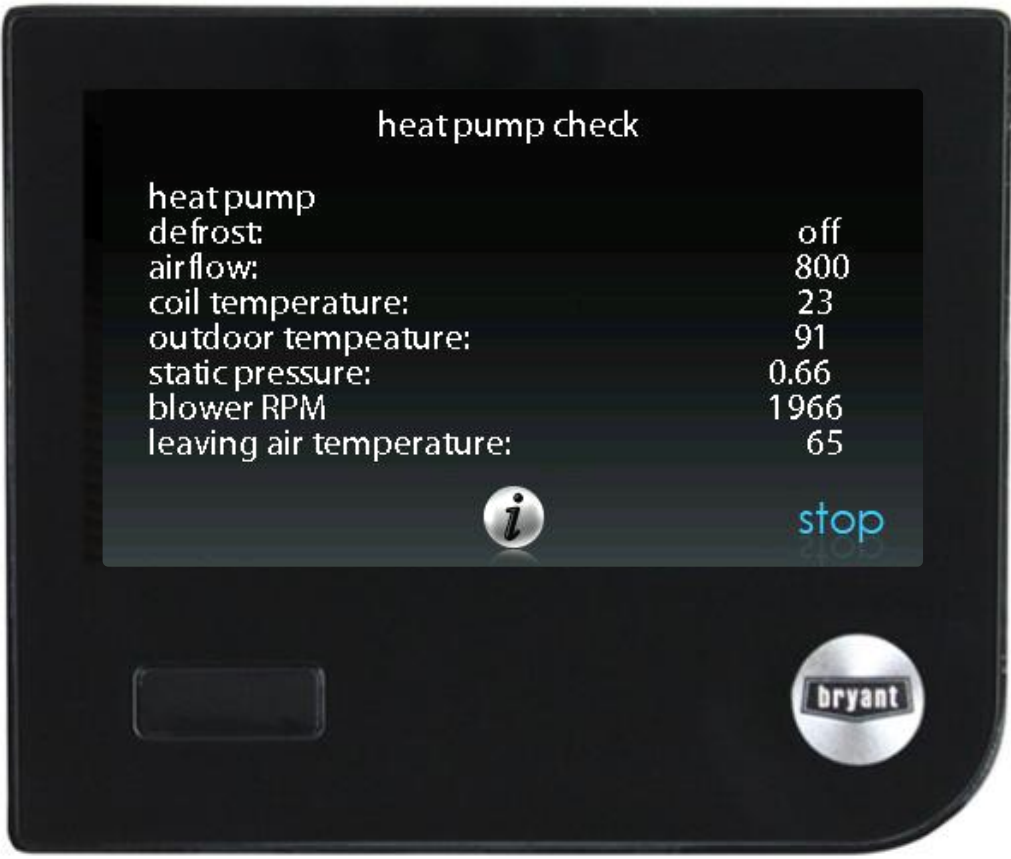


Furnace Check





Heat Pump Check





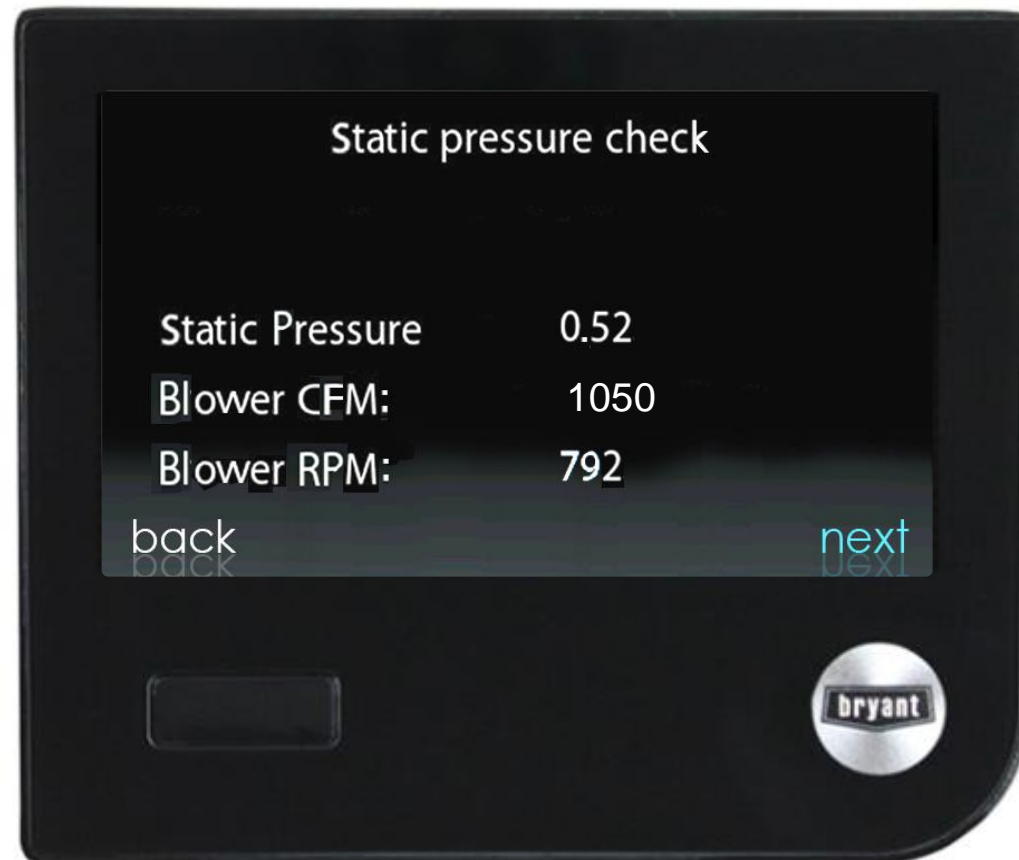
Static Pressure Check

When viewing service screen:

- Airflow is *requested* – not actual
- Static pressure is *calculated* on
 - Requested airflow
 - RPM
 - Known system characteristics
- RPM is *actual*

Static pressure accuracy is *limited* when RPM reaches 1250 on some furnaces

- See product data to determine airflow performance
- Maximum about 1300 RPM (varies with model)





Humidifier and Ventilator Check





During AC/HP Checkout, what Airflow Should be Delivered with 2-Stage Outdoor Equipment?

- 2-Stage Units run at 367 CFM/Ton on High-Speed Cooling during Checkout Mode and 350 CFM/Ton in Heat Pump Mode.
- 2-Stage Units run at 228 CFM/Ton on Low-Speed during Checkout Mode and 275 CFM/Ton in Heat Pump Mode.
- 1-Stage Units run at 350 CFM/Ton during Checkout Mode.

***** Changes made to airflow settings will NOT be seen in the checkout mode/screen.*****

Which means that if you have the airflow set to Comfort, Efficiency or Maximum it will be ignored during checkout mode.



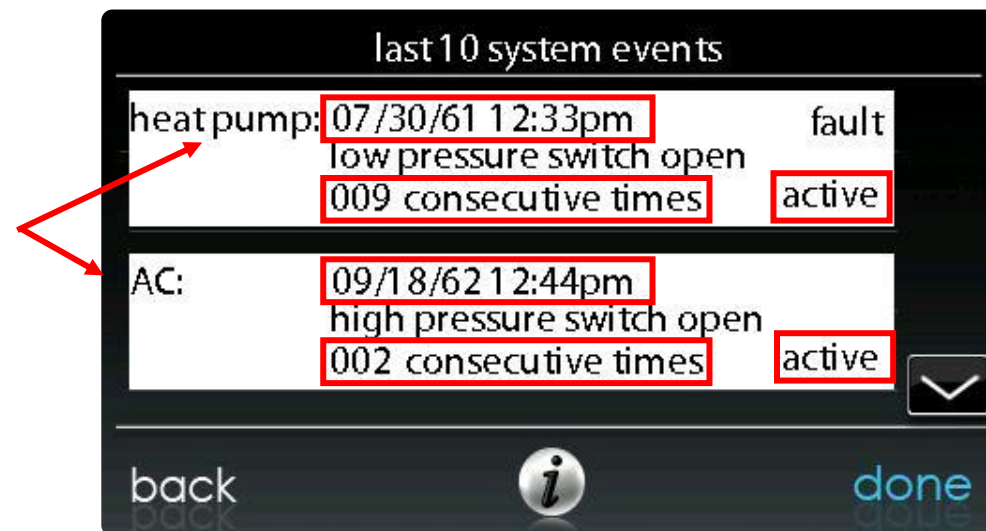
Service Information





Last 10 System Events

- Active = Event currently in effect
- Technician records date and events
- Events stored in memory
- Reset in resettable faults
- Equipment identified by event





Take a Break!

Be back in

04:00

Minutes



Take a Break!

Be back in

03 : 00

Minutes



Take a Break!

Be back in

02:00

Minutes



Take a Break!

Be back in

01:00

Minutes



Take a Break!

Be back in

00 : 44

Seconds



Troubleshooting





System Troubleshooting

- System tracks malfunctions
 - Equipment circuit boards display fault code sequences
 - System stores malfunctions as fault codes in user interface
- User interface messages and fault codes provide probable cause
- Following user interface screens are helpful





System Malfunction Screen

- Screen shows a system malfunction if a fault occurs that shuts down the equipment
- May clear on its own if it is a 5-minute or 15-minute lockout. 4-hour lockouts will reset after they have timed out the 4- hours or sooner if power is cycled
- Try resetting power to see if the fault goes away, if it does not come back the controller may have just needed to be reset.
- Check the system for the cause especially if the fault reoccurs
- There are three specific types - The Display column indicates if the code is an **Event** (**E**), **Fault** (**F**) or **System Malfunction** (**S**) for display purposes.
- Resettable faults are located under Service Info>Run/Fault History> Indoor Unit or Outdoor Unit. These faults/errors are stored in the indoor or outdoor control boards. The last 10 system faults are stored in the User Interface and can be reset.





Second User Interface (Checking Communication)

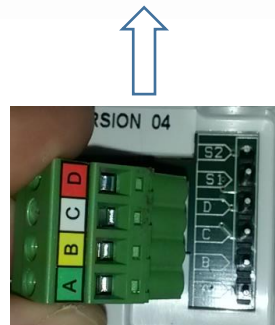
Checking Communication with Outdoor Unit

The purpose of this test is to make sure that the communication wiring going to the outdoor unit is capable of communications.

First make sure that the outdoor unit is powered. You should have 24 vac between UTIL & C on the board. If not, you need to find out why, correct it and try to establish communications.

Remove the User Interface (UI) from it's backplate and take it to the outdoor unit.

To Indoor Unit



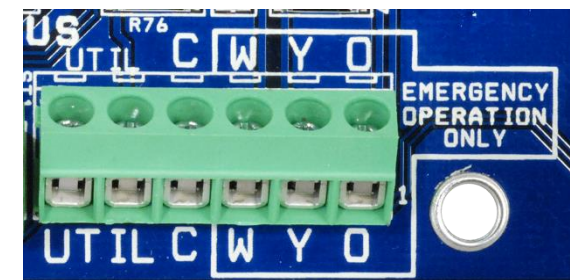
Green Plug



Remove the Green ABCD plug from the outdoor board and push it directly onto the pins on the back of the UI. Add two wires from the outdoor board to the Green plug on C & D.

You should be able to establish communications with the indoor unit from the UI. If not, then there are problems with wiring, and it needs to be fixed. If you can communicate with the indoor unit there might be a problem with the outdoor board.

When connecting to 5 stage units the UI needs version 10 software or greater to communicate if it is a -A UI.



Outdoor Board



Second User Interface (Service Tool)

Service Tool connected to the Outdoor Unit

When the 2nd UI starts to communicate with the system, the main UI indoor displays “Service Tool attached” and the UI becomes inactive. The 2nd UI has only the service screen menus.

First make sure that the outdoor/indoor units are powered.

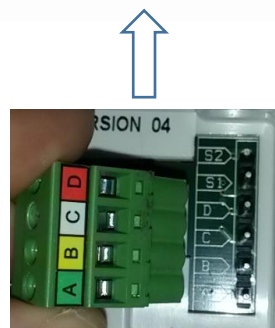
You should connect to the A, B, UTIL & C on the outdoor control board.

Connect the extra Green ABCD plug to the terminals on the outdoor control board with some field supplied thermostat wire (*do not unwire the outdoor unit*) and push the Green Plug directly onto the pins on the back of the UI.



You will be able to establish communications with the system from the 2nd UI and control the system from the 2nd UI.

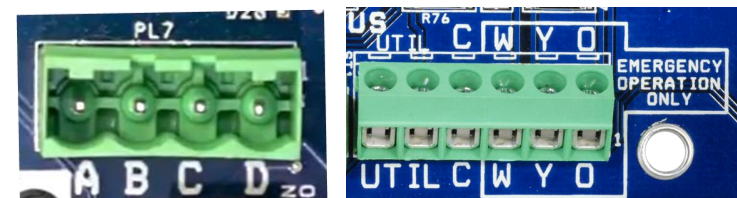
When connecting to 5 stage units the UI needs version 10 software or greater to communicate if it is a –A UI.



Extra Green Plug



Outdoor Board





Second User Interface (Service Tool)

Service Tool connected to the Indoor Unit

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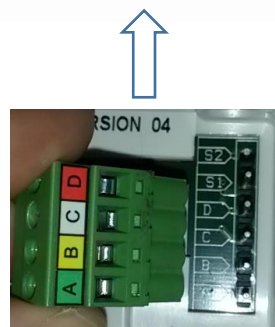
You should connect to the A, B, C & D on the indoor control board.

Connect the extra Green ABCD plug to the terminals on the indoor control board with some field supplied thermostat wire (*do not unwire the indoor unit*) and push the Green Plug directly onto the pins on the back of the UI.



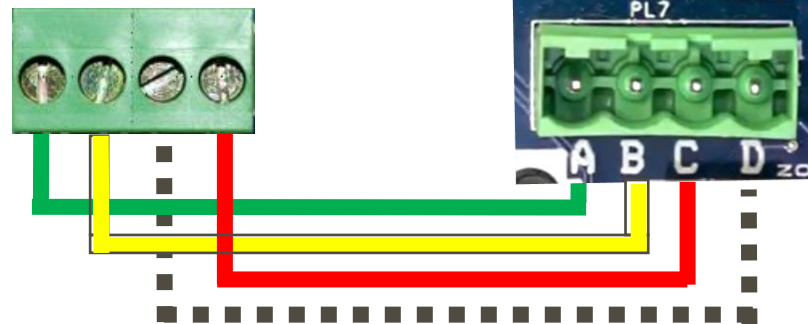
You will be able to establish communications with the system from the 2nd UI and control the system from the 2nd UI.

When connecting to 5 stage units the UI needs version 10 software or greater to communicate if it is a –A UI.



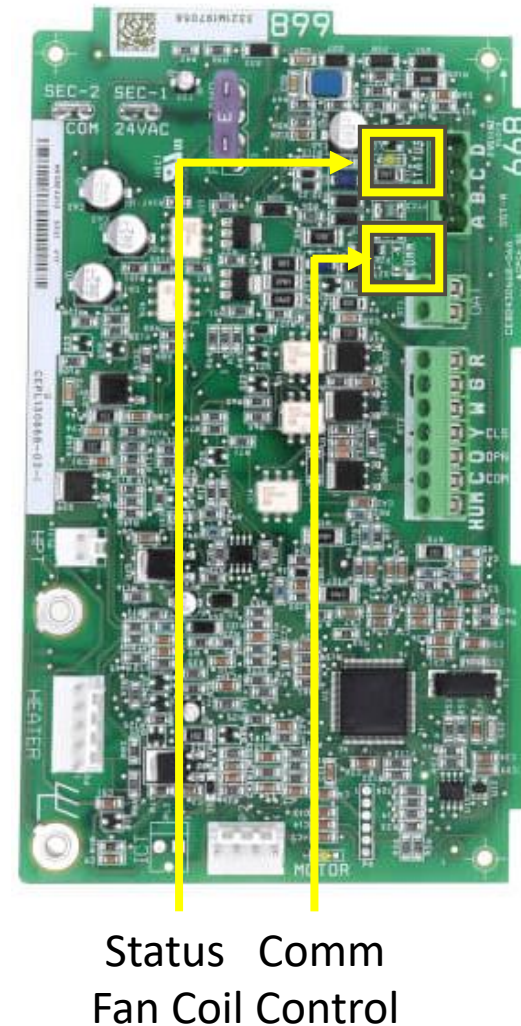
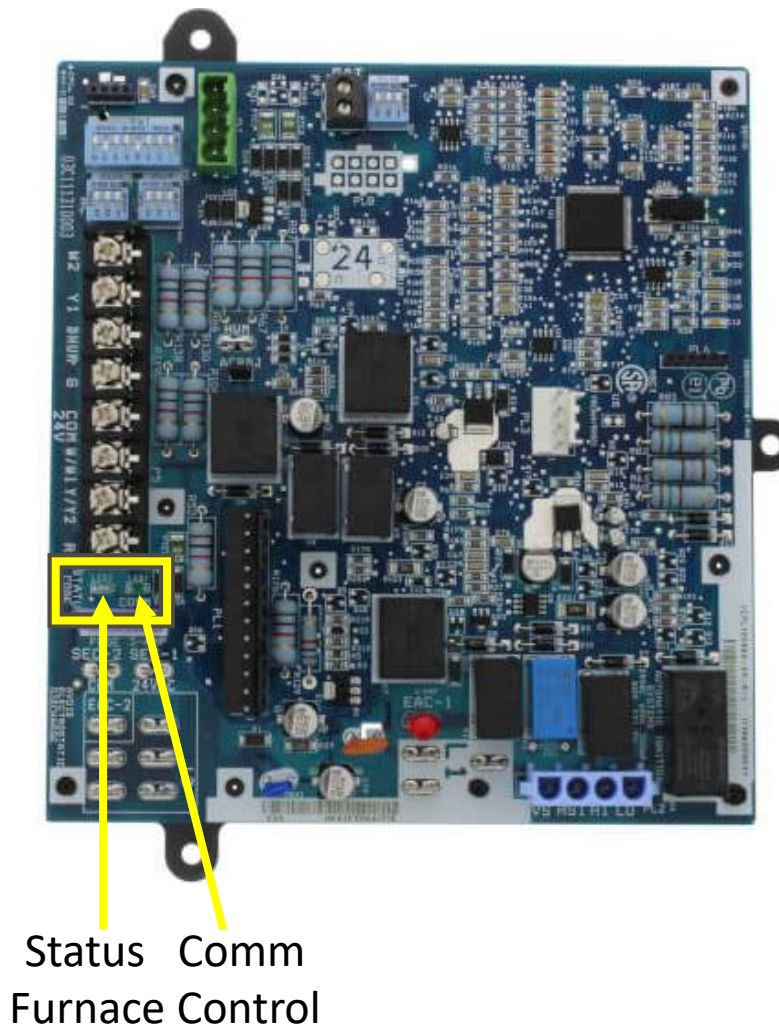
Extra Green Plug

Indoor Board

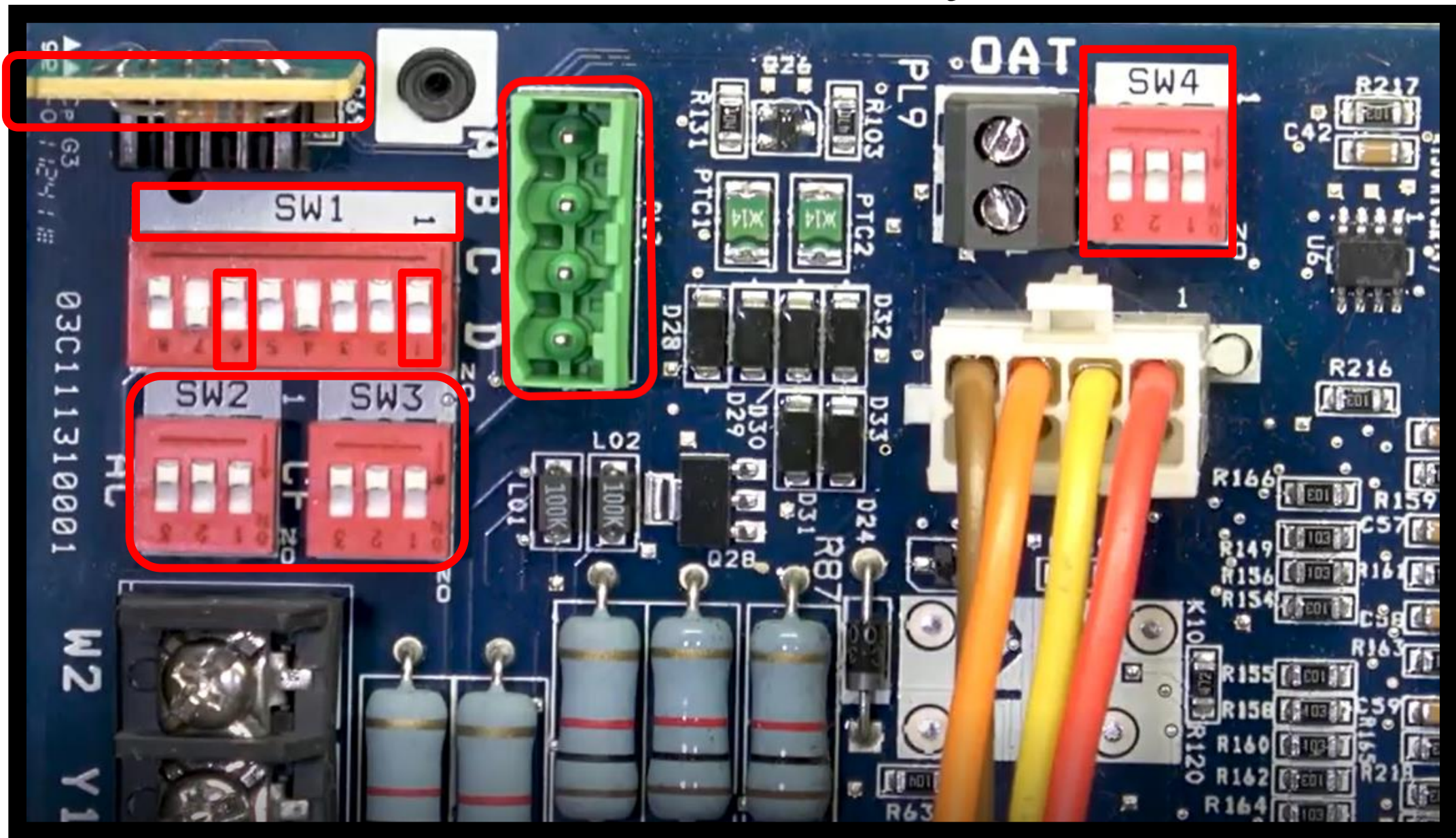


Circuit Board LEDs

- LEDs on all circuit boards
 - Indoor unit
 - Outdoor unit
 - Zone Damper Module
 - Network Interface Module
- Provide fault code when malfunction occurs
- Fault codes provided in the supplements section of the service manual to facilitate troubleshooting



Circuit Board Layout





User Interface Does Not Power Up

- 24 vac at C-D terminals at UI
- 24 vac at C-D terminals at indoor control board
- Indoor unit power on
- Indoor amber LED lit
- Check fuse at indoor unit circuit board
- Check wiring to ABCD terminals
- Match all colors at all terminals





Indoor Unit Not Found

- Display: INDOOR UNIT NOT FOUND
- Check for green LED at indoor unit circuit board
- Check wiring to ABCD terminals
- Match all colors at all terminals
- Avoid communication bus run next to power wiring
- Touch RETRY in lower right corner of UI screen
- If still “INDOOR UNIT NOT FOUND” **enter demo mode**
 - Disconnect electronic devices from indoor unit
 - Leave only indoor unit connected
 - Try again
- If still “INDOOR UNIT NOT FOUND”: **enter demo mode**
 - Connect User Interface direct to indoor unit with short piece of thermostat wire
- If for furnace, CANNOT COMMUNICATE WITH EQUIPMENT:
 - Turn off all DIP-switches at SW-4





Communication Error – No Communication

If you look closely, you will see that the ABCD label was applied to the controller upside down.

The tech wired the controller based on the label which was backwards.

Remember that ABCD goes from left to right always.

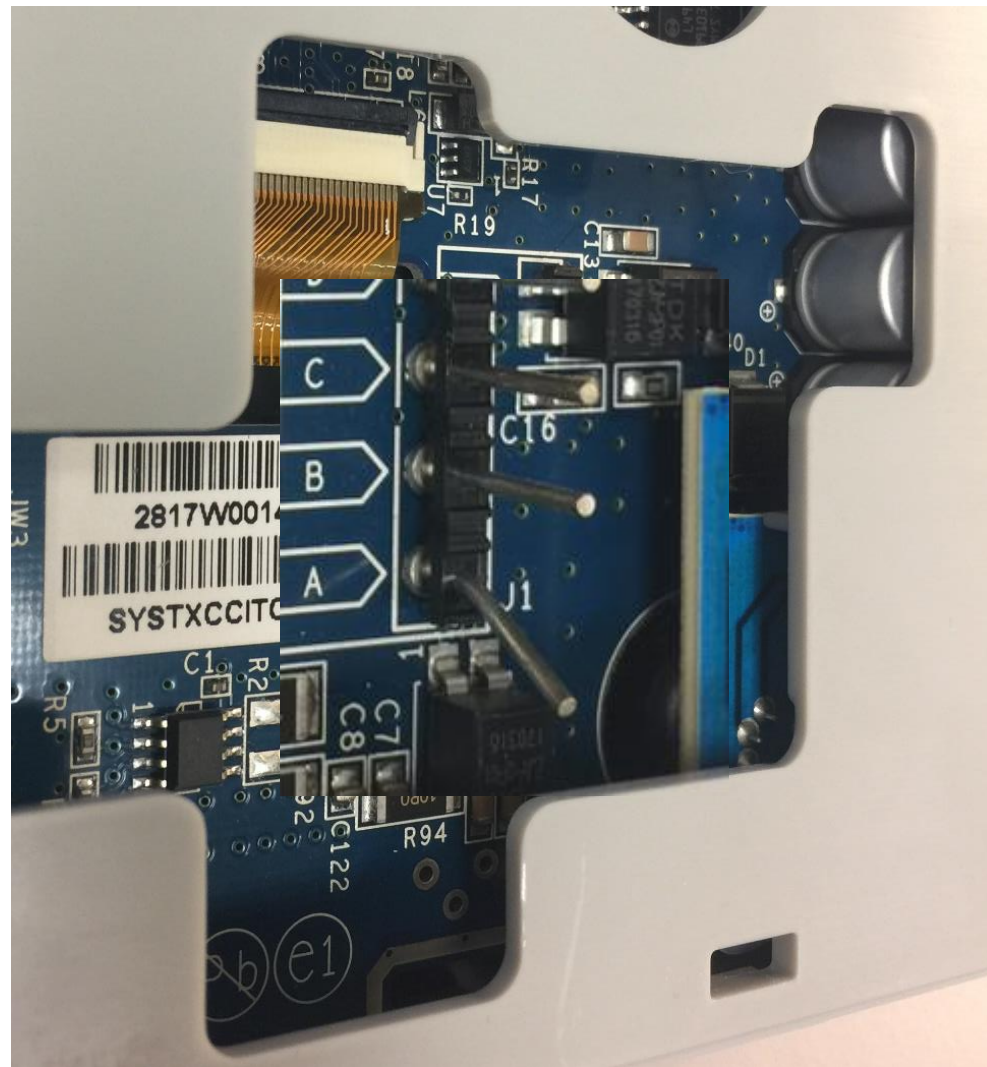




Communication Error – No Communication

If you look closely, you will see that the A pin was bent when the tech applied to the controller to the subbase.

The tech was having difficulties getting the User Interface to lock into the subbase, so he just pressed a little harder and got it to latch but then had no communications.





Outdoor Unit Not Found

Display says outdoor unit not found:
(I have a communicating outdoor unit)

- Recheck wiring to the wiring connector on the outdoor unit
- Make sure all colors match for every terminal
- Check for power to the outdoor unit.
- Check communication voltage on outdoor control board.
- Disconnect green plug from unit and check communication voltage on wires from indoor unit





Troubleshooting the Comm. Bus

TABLE 1 Advance Troubleshooting Fan Coil / Furnace / 2-spd. Communication Bus	
FE Control Board Furnace Control Board Two-Speed Control Board	
-Voltage Readings - With board Power applied, and No U.I. connected	
A to B	4-5 vdc (steady)
A to C	4-5 vdc (steady)
B to C	~.01 to 0.3 vdc (steady)
C to D	24 vac

The above readings are meant to prove that the communication driver is not dead or shorted. It does not guarantee that the unit will communicate. If a communication problem still exists and the voltage readings are good, an external short in the thermostat wire or a miss-applied accessory may be the cause.



Troubleshooting the Comm. Bus

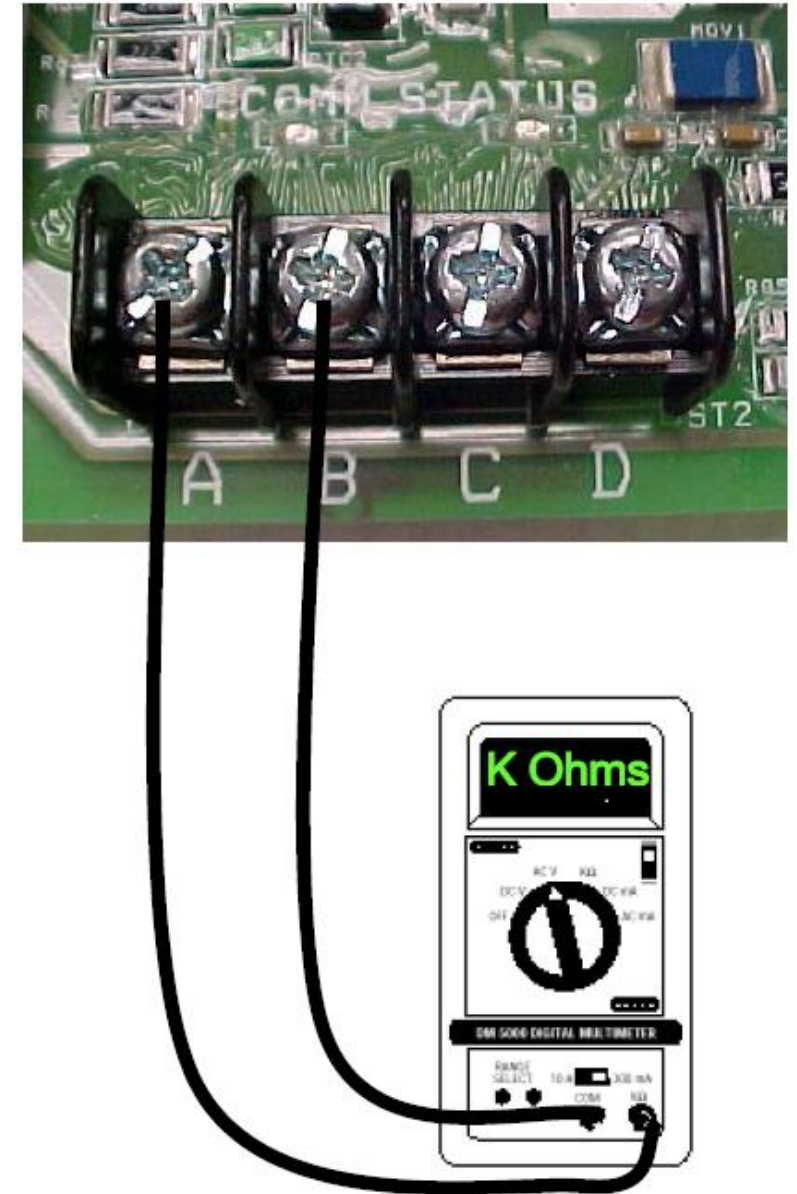
TABLE 1 Advance Troubleshooting Fan Coil / Furnace / 2-spd. Communication Bus	
FE Control Board Furnace Control Board Two-Speed Control Board	
-Voltage Readings - <u>With board Power applied, and U.I. Applied</u>	
A to B	~2.5 to 5 vdc (pulsating)
A to C	~2.5 to 5 vdc (pulsating)
B to C	~0.1 to 0.9 vdc (pulsating)
C to D	24 vac

The above readings are meant to prove that the communication driver are functioning and not dead or shorted and the wiring between the devices is OK. If voltages check out correct and a communication problem still exists, it could be a bad board failure.



Communication Faults

- NO COMMUNICATION? (Proving if board(s) are good or bad)
- Turn power off and disconnect all the ABCD wires at each board before checking the resistance (K ohms) across the A-B of each board.
- UI, UIZ, Zone Board, Smart Sensor, NIM, Touch UI's = A-B 71-75 K ohms
- Furnace & Fan Coil = A-B 17-19 K ohms
- 1 & 2 Speed & Variable Speed Outdoor Boards = A-B 28-34 K ohms; A-C 16-20 K ohms; B-C 13-15 K ohms
- 5 Stage Inverter AOC Boards =
 - A-B 28-34 K ohms (old versions)
 - A-B 15-17 K ohms (newer versions) *Date code of 141203 on AOC Board*

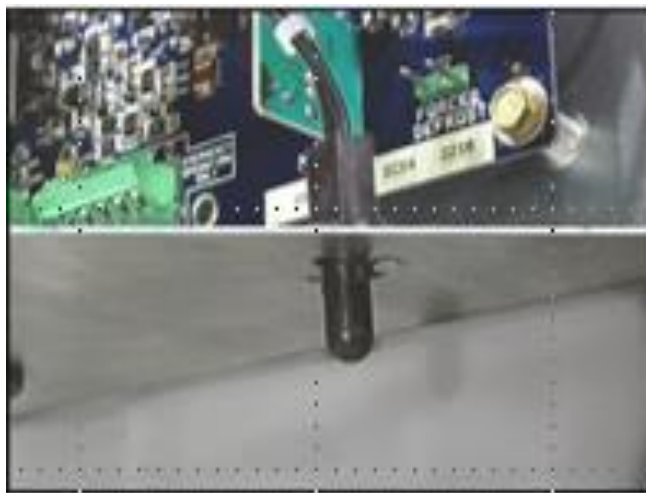




OAT & OCT Sensor Location, Failures, Causes & Fixes



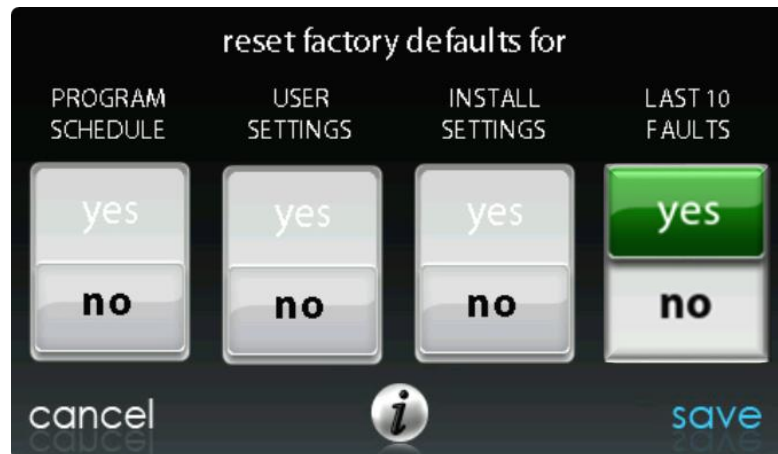
One thing that can cause the OAT sensors to fail is that the sensor is not removed when brazing the refrigerant lines into the service valves directly below the sensor. The OCT can become loose (not tightly secured) or has come completely loose from the line. Both sensors come in one harness with a 4 pin Molex connector. If either sensor should fail the unit (A/C or HP) will continue to operate with default parameters. If the OAT sensor should fail, low ambient cooling will not be allowed and the one--minute outdoor fan off delay will not occur. If the OCT sensor should fail, low ambient cooling will not be allowed, and the HP will use a 30-minute timer for defrost and will exit after 5-minutes.





System Fault Reset Locations

- Resettable faults are located under Service Info>Run/Fault History> Indoor Unit or Outdoor Unit.
- These faults/errors are stored in the indoor and outdoor control boards.
- The last 10 system faults are stored in the User Interface and can be reset by going to the Installation & Service screen>Setup>Thermostat>Reset Factory Defaults [which brings up 4 choices.



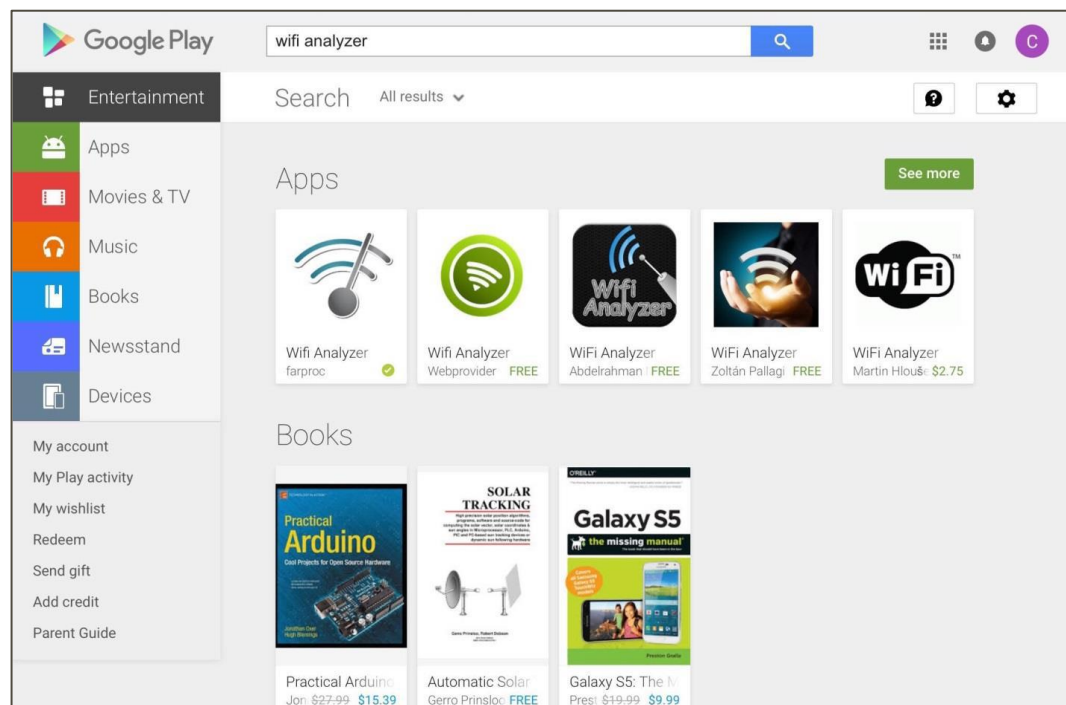


Local Wi-Fi Connection Troubleshooting

Busy/Congested Network Assessment:

If you have an Android device, there are several apps you can use to help “see” what the network climate looks like around you. If you have an Apple device, I have yet to find a free app that works as well.

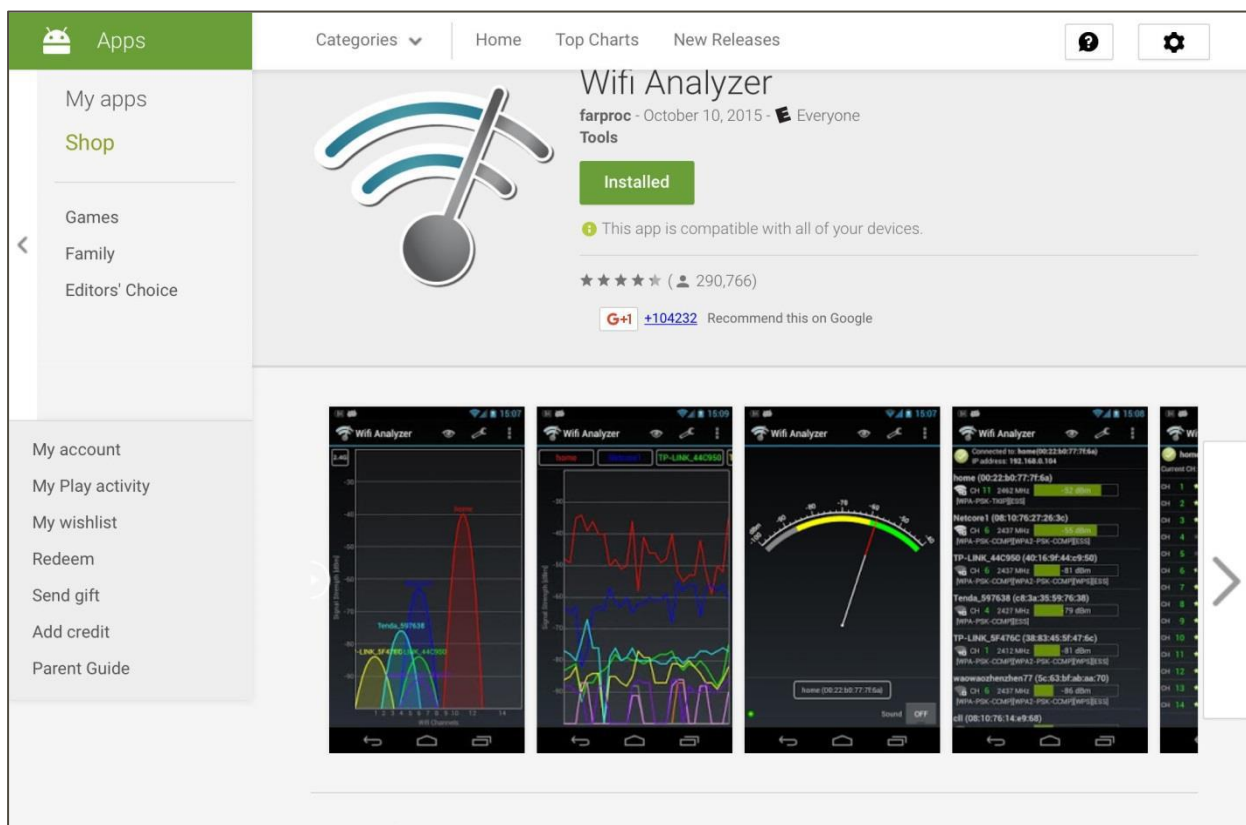
Below you can see the search criteria and the app that I prefer, **Wi-Fi Analyzer by Farproc**. It's free and it provides the type of information that we want to know. (Google Play Store)





Local Wi-Fi Connection Troubleshooting

Below, you can see the Google Play Store info about the Wifi Analyzer app. The graphs are particularly helpful in determining where the congestion lies.





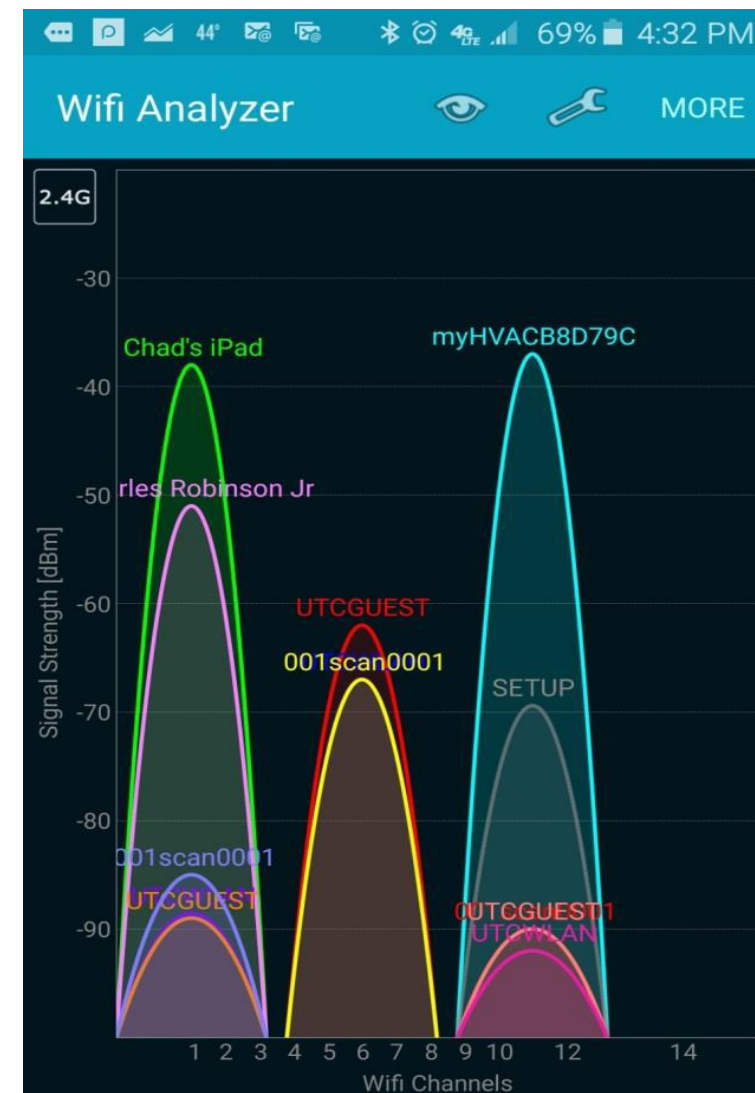
Local Wi-Fi Connection Troubleshooting

- Network

- Some networks have a lot of radio chatter. This app can help us to see this.
- Our radio doesn't compete well on very busy networks.
- Some of this competition can be from neighbor's networks.
- Changing the channel on the router can help.
- You could use Wi-Fi Analyzer (Android® only) to help identify a congested network.

- TP-Link ® Routers

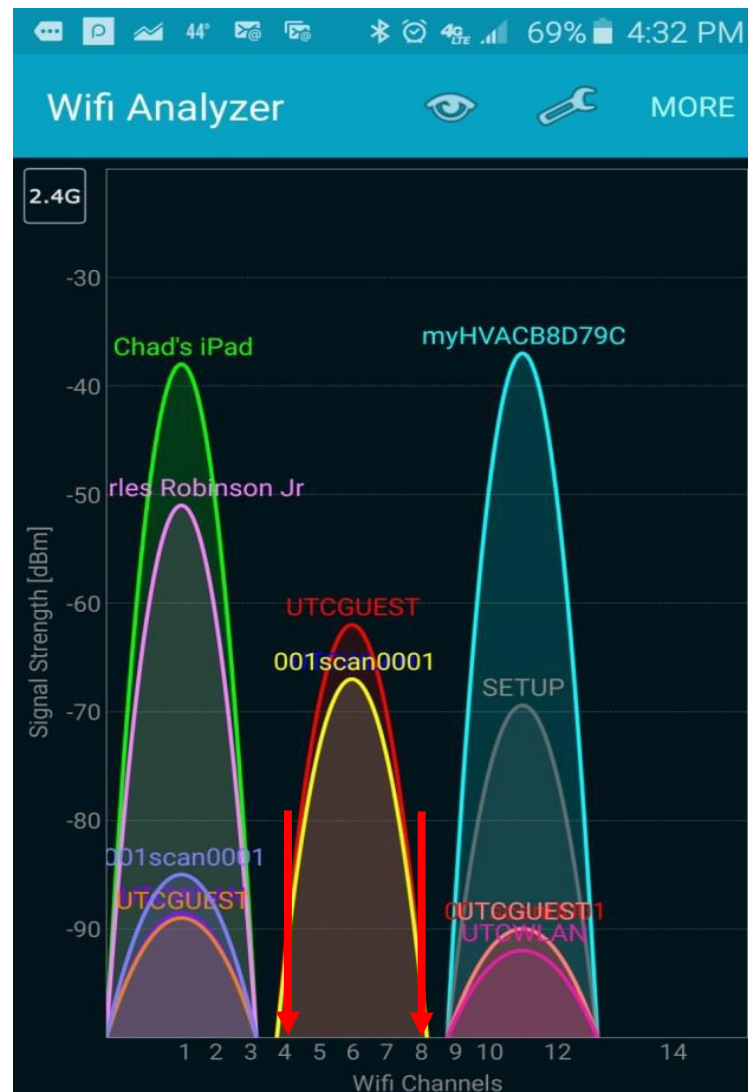
- The TP-Link is used as a 2nd or dedicated network for the UI.
- It can help a situation where the UI is having trouble staying connected to the homeowner's network, or if there seems to be a compatibility issue between the homeowner's router and the UI.





Local Wi-Fi Connection Troubleshooting

- Here is a screen shot from our local network.
- From this screen, it's evident what channels are the busiest and what networks have the highest signal strength.
- Typically, signal strength is an indication of how close physically, the router is to you. In the example above, it would be a good idea to change your router channel to 4 or 8 to get into a clearer area of wireless bandwidth.





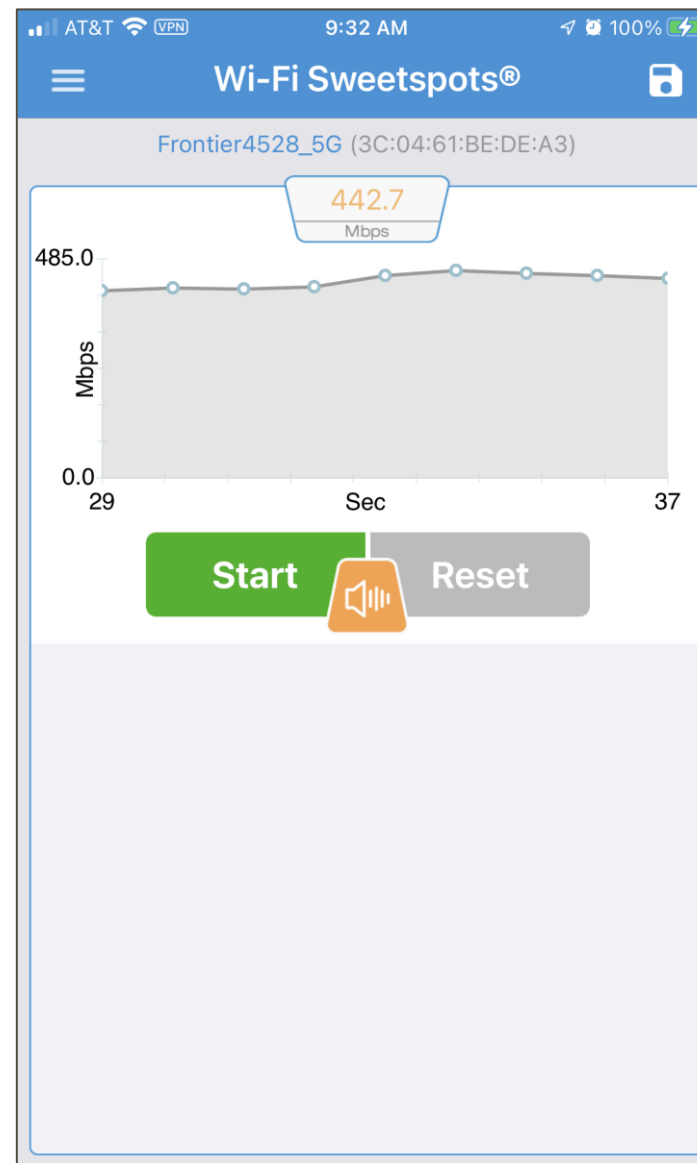
Local Wi-Fi Connection Troubleshooting

Busy/Congested Network Assessment:

If you have an IOS device, here is another app you can use to help “see” what the network climate looks like around you.

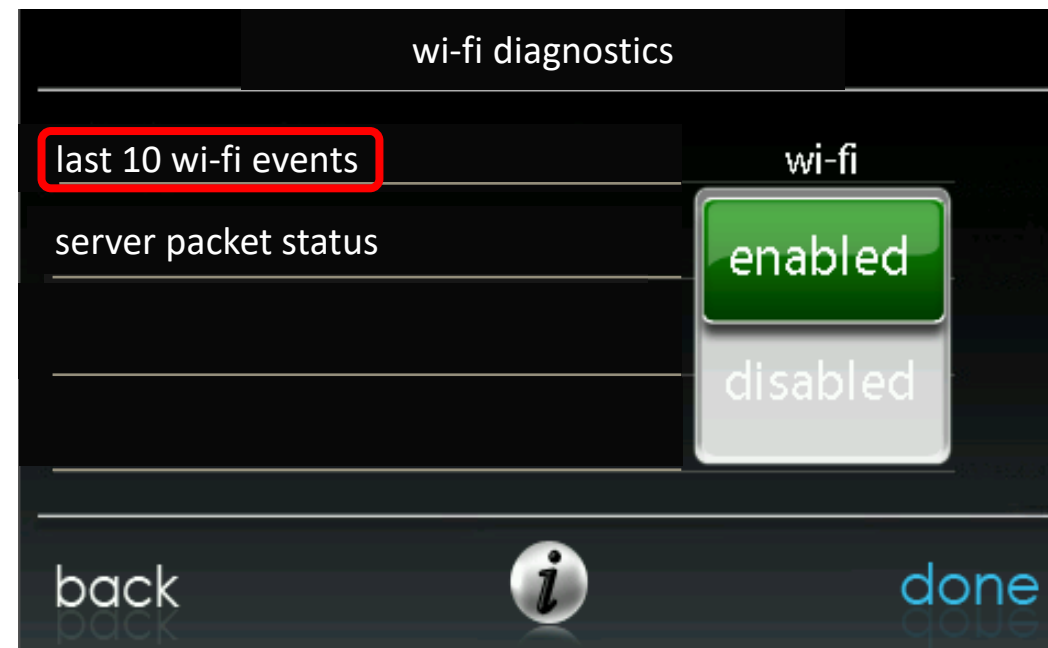
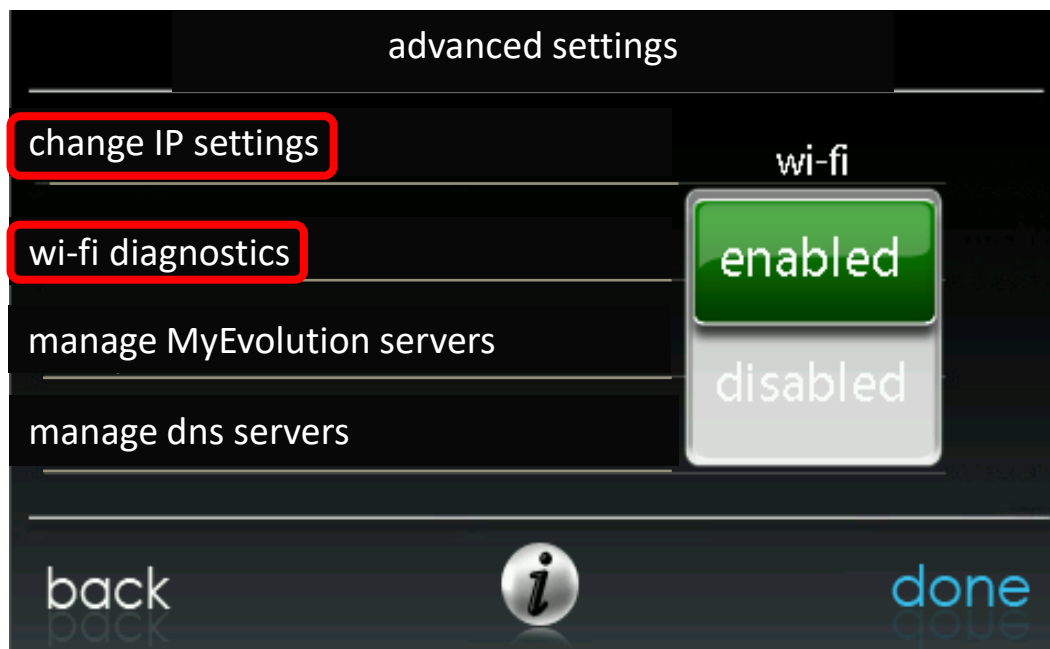
You can see the signal strength that the app shows for the network you are connected on. It does not show all the devices connected to the homeowner's network, but it will allow you to see the signal strength which is a good indication on how busy the network is and its signal strength.

Let's say that the router was across the house or on a different floor, this could tell you if installing signal repeaters might help boost the signal.





Local Wi-Fi Connection Troubleshooting





Last 10 Wi-fi Events

- Below is an example of what the last 10 Wi-Fi events would look like for a UI present on a busy/congested network. You can see that it is connecting and disconnecting from the local network often ~ every few minutes. This short connection time is not long enough for the UI to transmit the necessary information to the server, and will appear as a server connection issue, when it really can be traced back to the local network.

Menu>Wireless>Advanced Settings>down arrow>Wi-Fi Diagnostics>Last 10 Wi-Fi Events

- Time Event Type**

12/06/15 16:16:23 connected to remote server

12/06/15 16:16:08 connected to local Wi-Fi network

12/06/15 16:14:22 lost connection to local Wi-Fi network

12/06/15 15:46:07 connected to local Wi-Fi network

12/06/15 15:44:01 lost connection to local Wi-Fi network

12/04/15 22:11:45 connected to remote server

12/04/15 22:07:18 lost connection to remote server

12/04/15 21:43:45 connected to remote server

12/04/15 21:38:23 lost connection to remote server

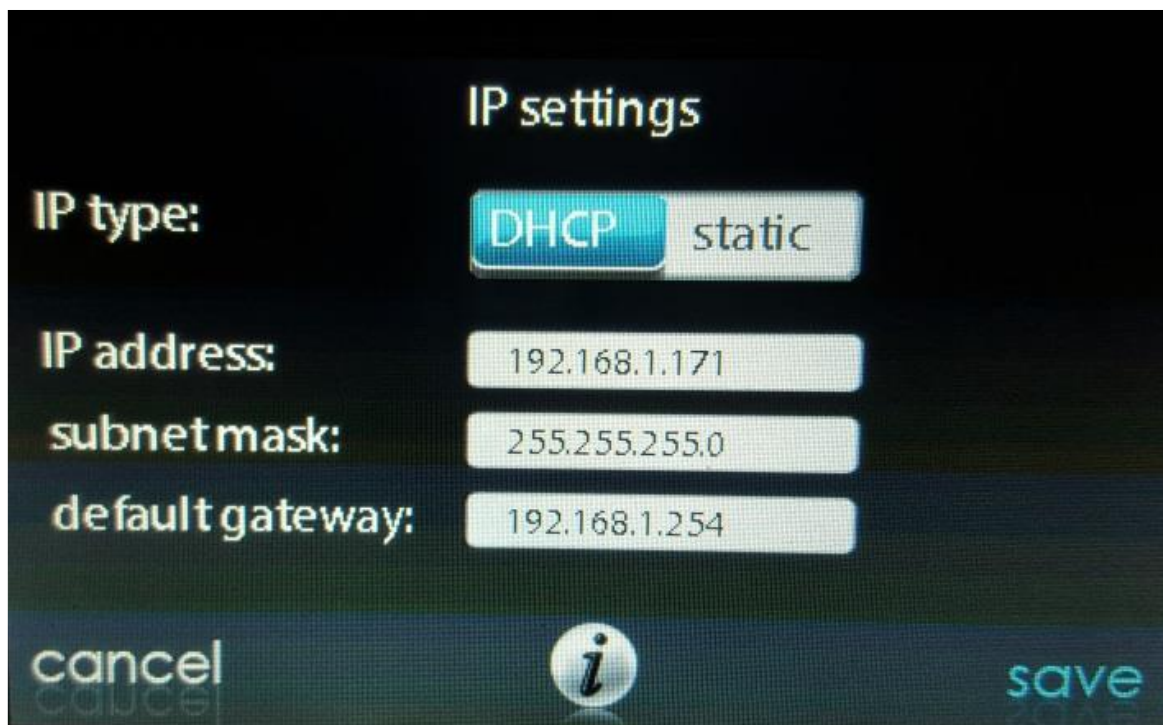
12/04/15 19:41:00 connected to remote server





Local Wi-Fi Connection Troubleshooting

One way to determine if the router and UI are compatible is to try pinging the UI. You will need the UI's IP address, found on the Wireless menu, under IP Settings. To ping, your computer/phone/tablet must be connected to the same router that the UI is connected to. With a windows pc, you can use the ping command through the command prompt to reach the UI. Ping 192.168.1.171, for the UI below, for example. If you get a response from the UI, the router is allowing its communications to go through. If not, the router is not allowing its communications to go through.





Local Wi-Fi Connection Troubleshooting

Example of ping command on a PC.

```
C:\Users\bact34k>ping 161.145.43.2

Pinging 161.145.43.2 with 32 bytes of data:
Reply from 161.145.43.2: bytes=32 time=1ms TTL=128
Reply from 161.145.43.2: bytes=32 time=1ms TTL=128
Reply from 161.145.43.2: bytes=32 time=1ms TTL=128
Reply from 161.145.43.2: bytes=32 time=5ms TTL=128

Ping statistics for 161.145.43.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 5ms, Average = 2ms

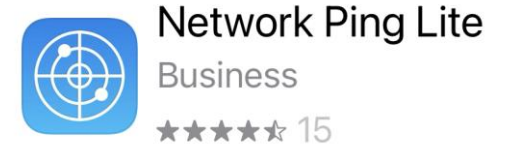
C:\Users\bact34k>
```





Local Wi-Fi Connection Troubleshooting

There are smart phone apps, like Network Ping Lite that can be downloaded and used on a jobsite to ping the UI. An example screenshot is shown.


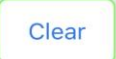
If the router is denying communication, what now? You may be able to get things working by simply installing the TP-Link and connecting to the homeowner router. If it's a router compatibility issue, it may only affect the wireless communication between the homeowner router and UI when talking wirelessly. The TP-Link is one way of bypassing the wireless communication problem with the homeowner UI. You may also be able to use a Wi-Fi range extender (repeater), which would also accomplish the same thing.



IP Address to ping:

192.168.254.130 

Delay: 2000 ms

PING 192.168.254.130 (192.168.254.130)

```
44 bytes from 192.168.254.130 : icmp_seq=0 ttl=255 time=389 ms
44 bytes from 192.168.254.130 : icmp_seq=1 ttl=255 time=14 ms
44 bytes from 192.168.254.130 : icmp_seq=2 ttl=255 time=19 ms
44 bytes from 192.168.254.130 : icmp_seq=3 ttl=255 time=28 ms
44 bytes from 192.168.254.130 : icmp_seq=4 ttl=255 time=19 ms
44 bytes from 192.168.254.130 : icmp_seq=5 ttl=255 time=19 ms
44 bytes from 192.168.254.130 : icmp_seq=6 ttl=255 time=21 ms
44 bytes from 192.168.254.130 : icmp_seq=7 ttl=255 time=293 ms
44 bytes from 192.168.254.130 : icmp_seq=8 ttl=255 time=19 ms
--- 192.168.254.130 ping statistics ---
9 packets transmitted, 9 packets received, lost 0.0 %
```



Dealer Information





Dealer Contact Information and Logo Upload Instructions

There are three ways to upload the Dealer Information into the new Touch Controllers.

1. You can manually load the information into the Touch Controller using either a **USB Drive** or a **Micro SD Card** depending on the Touch Controller using the **Export Tool App** you downloaded on your computer.
2. You can add your Dealer information into the Touch Controller when you set up the homeowners **Online Account**.
3. The new –B Touch Controllers have the ability on the –B Touch Controller to **Manually** type the information in the Touch Controller using the onboard keypad. (You can't add a logo this way though).



How to Upload a Screen Saver, Schedule, Dealer Info/Logo to a USB or a Micro SD Card

You can add a Screen Saver, Schedule, Dealer Info/Logo and Software Updates into the Touch Controller by using a USB or A Micro SD Card. We have already covered how to upload software so let's discuss how to upload a Screen Saver, Schedule, Dealer Info/Logo into the Touch Controllers. Download the Export Tool Application from either the www.myinfinitytouch.carrier.com or www.myevolutionconnex.bryant.com website, the Export Tool is the same for both brands.

Once you download the Export Tool, I recommend placing it on your desktop for easy access. If the homeowner wanted to add a Screen Saver or a Schedule to the User Interface, there are instructional videos located in the www.myinfinitytouch.carrier.com or www.myevolutionconnex.bryant.com web pages under the “**Learn More**” tab. This is also where the homeowner will download the desktop application to their computer under the **Upload Application > PC Application or MAC Application**.

***Note:** The Photo Export and Schedule Export features are only available in the desktop Export Tool.



Knowledge Check 4

Communication Voltages

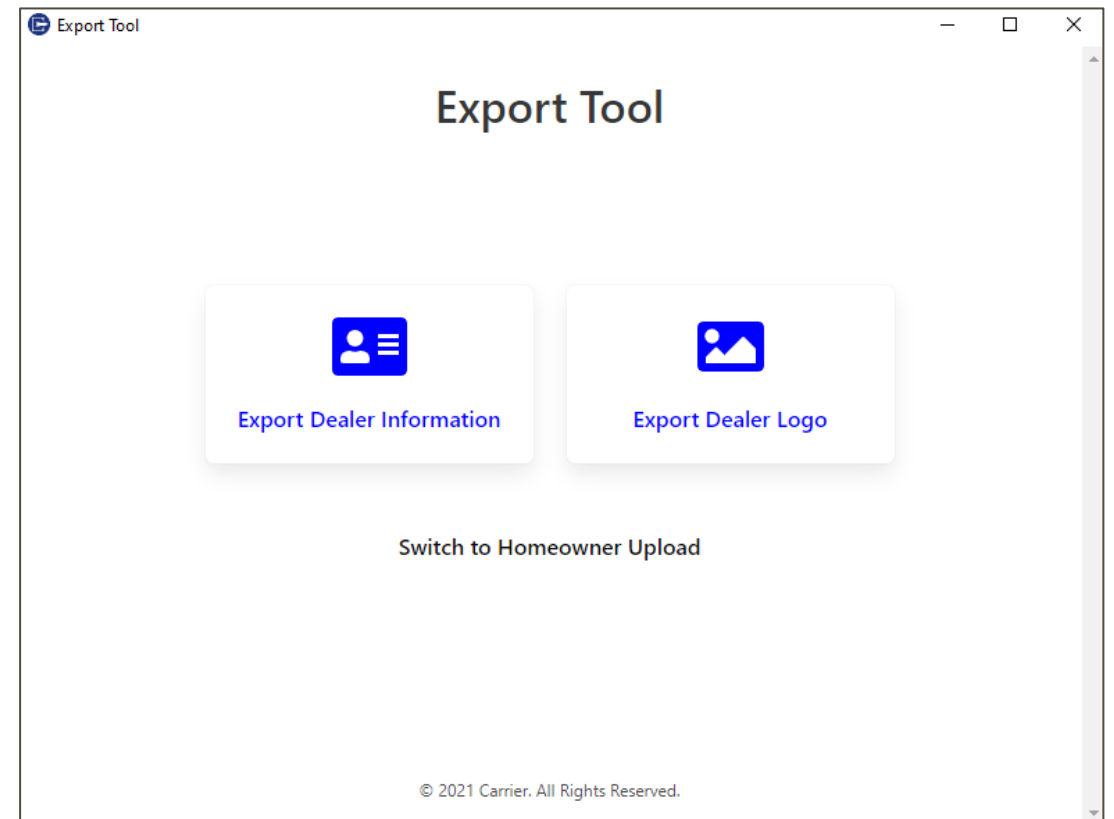
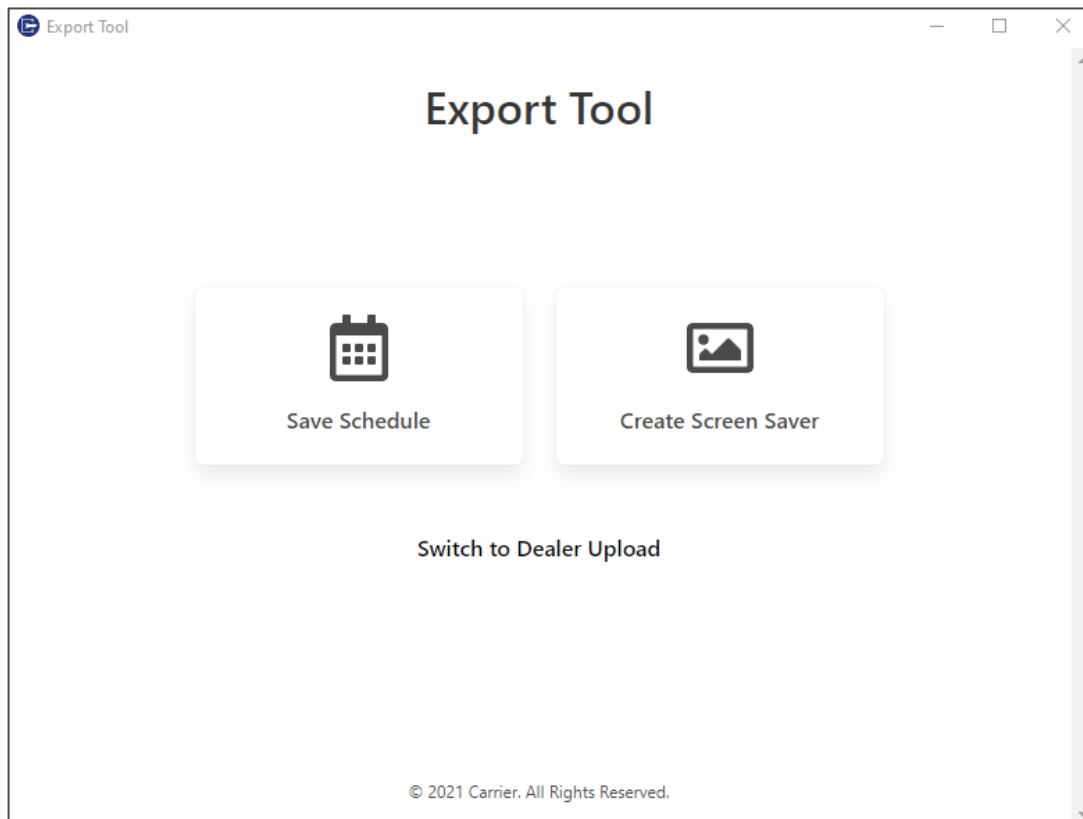
What voltages should you see at the indoor unit control board between A & B with everything disconnected?

-Voltage Readings - With board Power applied, and No U.I. connected	
A to B	4-5 vdc (steady)
A to C	4-5 vdc (steady)
B to C	~.01 to 0.3 vdc (steady)
C to D	24 vac



Export Tool Instructions

Once you open the application you will have two choices. Either the Homeowner Upload screen or the Dealer Upload screen.





Dealer Export Tool Instructions

Export Tool

Export Tool

< Main Menu

Next >

Postal Code

US or Canadian

Within Miles

10
25
50

Brand

Carrier
Bryant

er Info

yant only

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Rights Re

© 2021 Carrier. All Rights Reserved.

Export Tool

Export Tool

< Main Menu

Next >

Company Name

Contact First Name

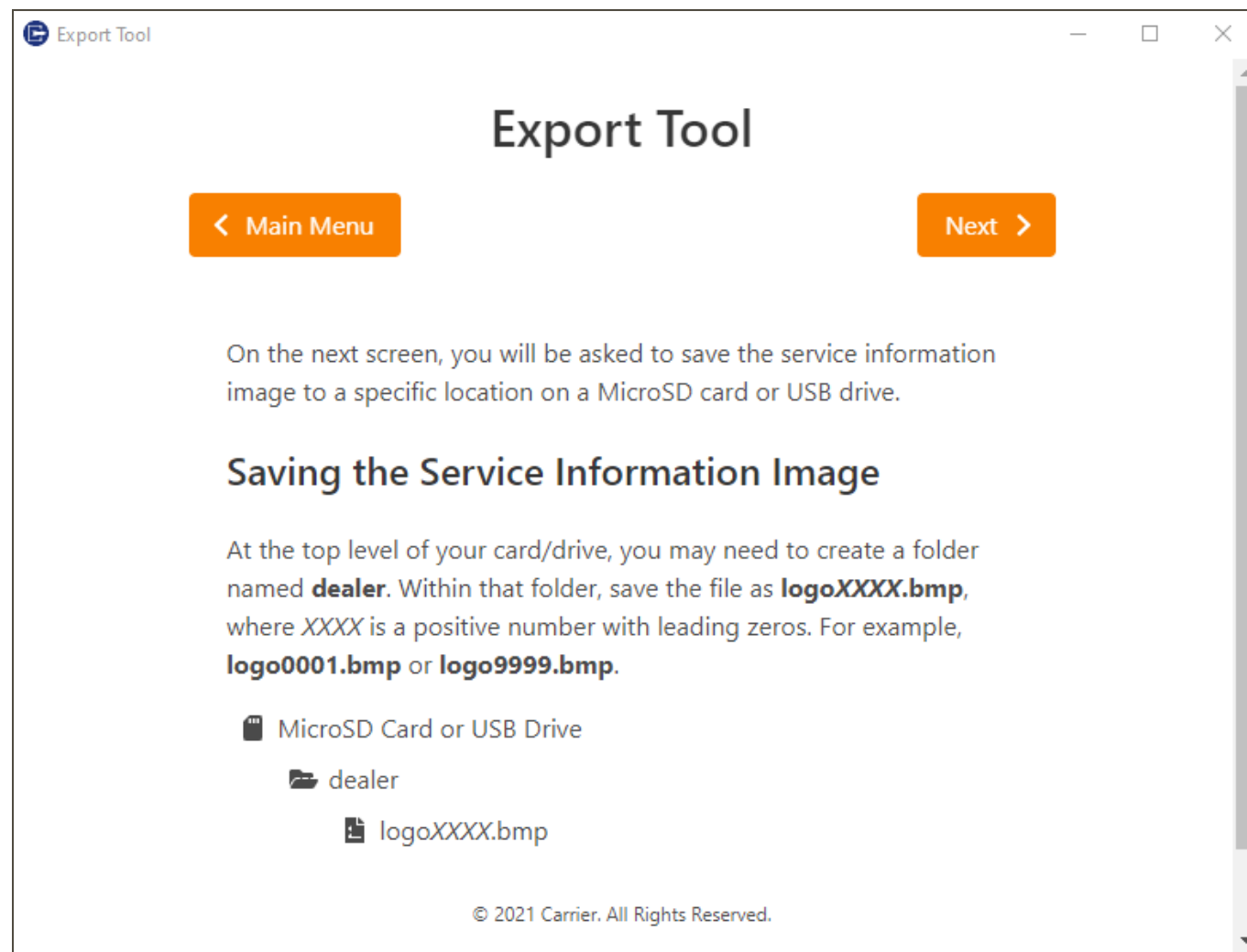
Contact Last Name

Street Address 1

© 2021 Carrier. All Rights Reserved.

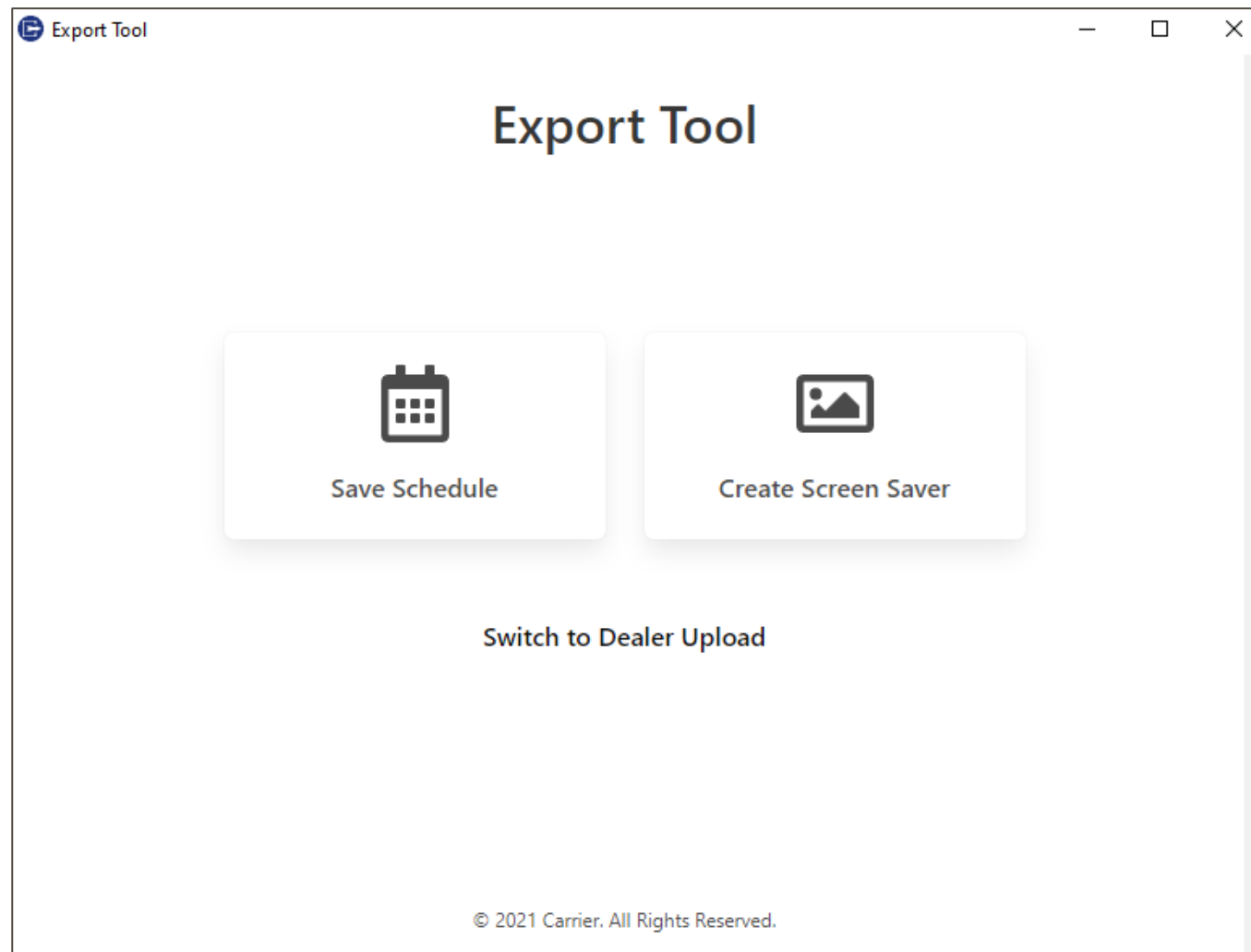


Dealer Export Tool Instructions





Homeowner Export Tool Instructions



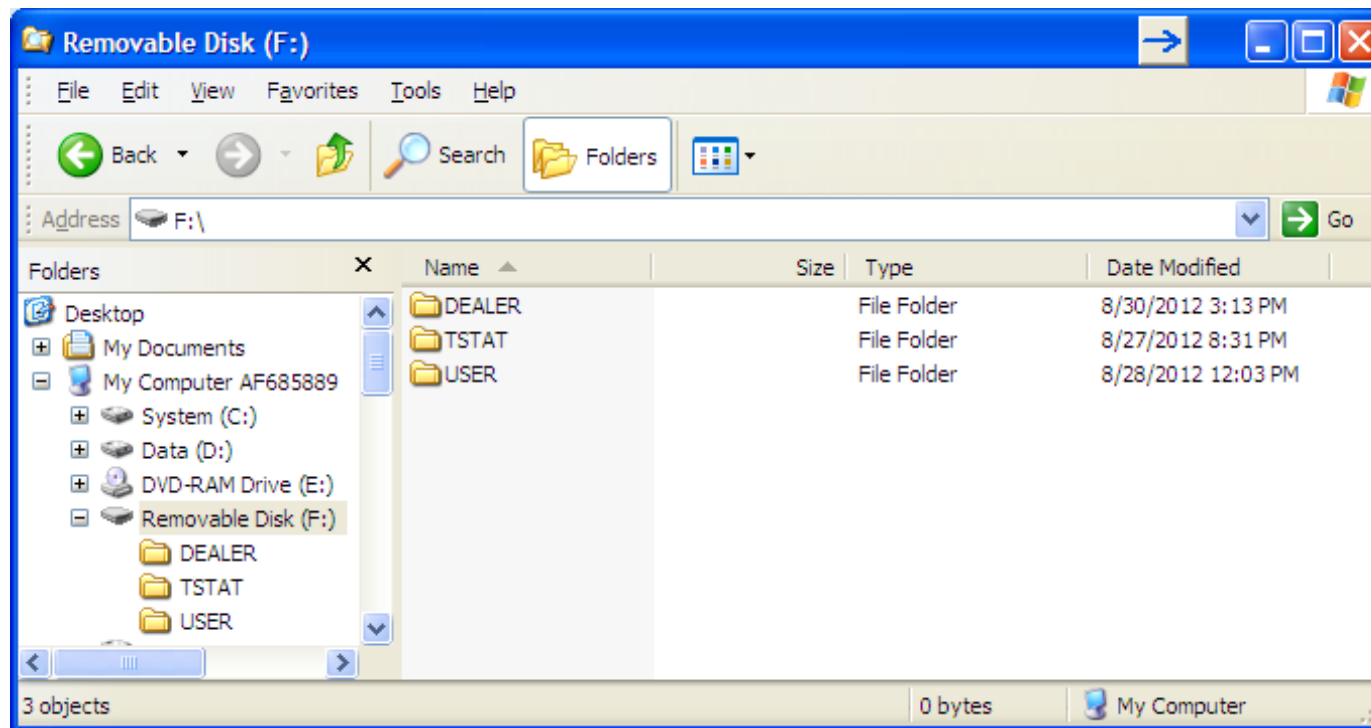


Dealer Contact Information and Logo Upload Instructions

In the top level of the USB or Micro SD Card directory, add a folder named “**DEALER**”. This is the location where the dealer contact information and logo will be stored.

For your information, the “**TSTAT**” folder is used for software updates for the Touch Control.

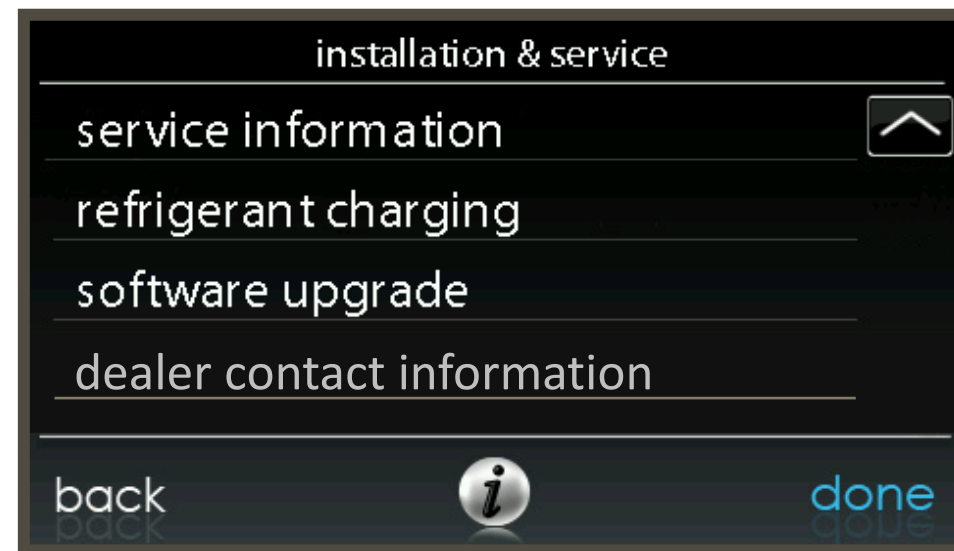
The “**USER**” folder is used for uploading user photos and comfort schedules.





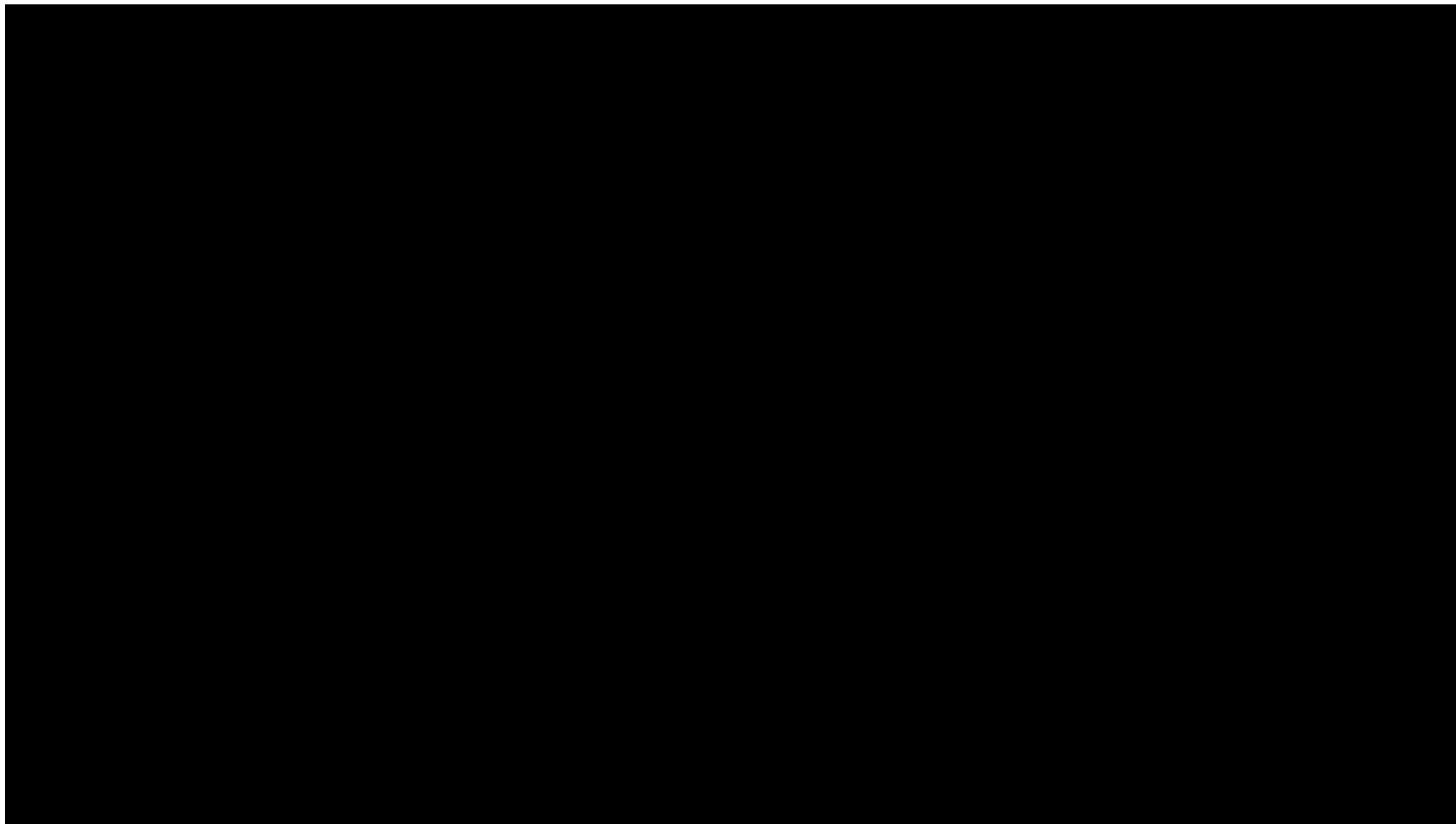
Dealer Contact Information and Logo Upload Instructions

Safely remove the USB or Micro SD Card from your computer and plug it into the bottom of the Touch Control. Touch and hold the Service icon on the wall control Menu for about ten seconds until it turns green, and the Installation and Service screen appears. Select Dealer Logo Upload option.



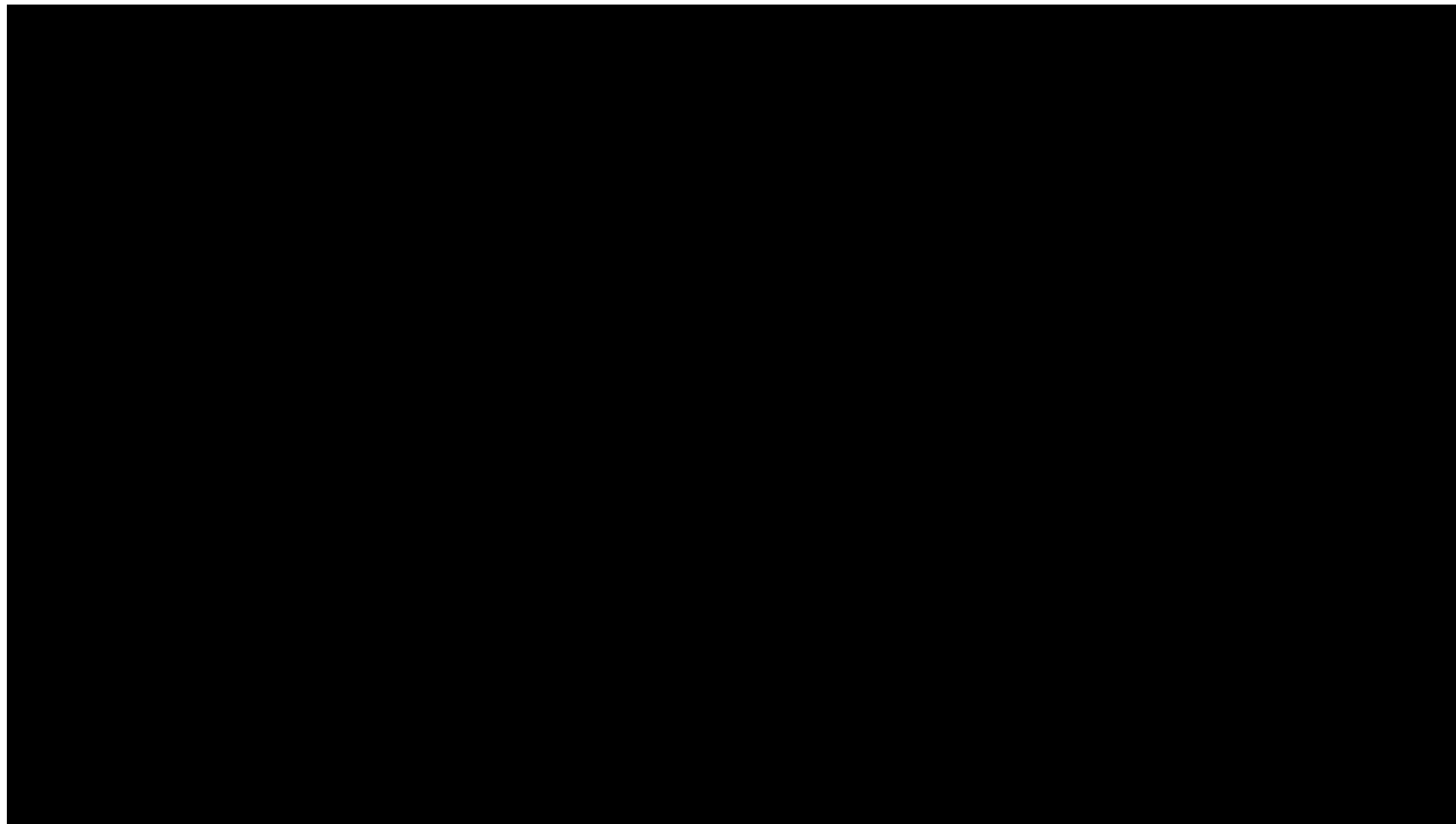


APP Usage - Using the Infinity[®] Touch Control App





Managing an Infinity® Touch Control Account





Password Reset

Sign in


Username

Password


Your account has been locked for security reasons. ok

Log In


Create new account




Get the new Carrier Home mobile app.




Download on the App Store





GET IT ON Google Play



Go to downloads

Forgot Username or Password

Forgot Password

If you've forgotten your password or have been locked out of your account, enter your username. If you're not certain what your username is, see the Forgot Username section below. If you're not certain what your username or account email is, please [contact technical support](#).

Username *

Submit

Forgot Username

If you've forgotten your username, enter your account email below. If you're not certain what your account email is, please [contact technical support](#).

Account Email *

Submit

Create new account

Login

If the homeowner has forgotten their password, they can go to the webpage www.myinfinitycarrier.com or www.myevolution.bryant.com and go to the Login in tab and click on the forgot password tab. If they can't remember their username, they can enter their email address and reset their password still.



Dealer Portal

The screenshot displays the HVAC Partners Dealer Portal. The top navigation bar includes the HVAC PARTNERS logo, user information (Richard Gambaro), and a Sign Out button. The main navigation menu features Products, Marketing, Support, Learning, Ordering, and Admin. The Marketing menu is expanded, showing a list of options: Marketing Your Business, Sales Tools, Market Funds, Accounts, Recruiting, Sales Literature, Dashboards & Portals (highlighted with a red box), Programs & Promotions, and Software. The background shows a 'My Dashboard' section with a 'What's New' list and a 'Quick Links' section with icons for EPIC Internet Explorer and EPIC Multi-Browser. The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 12:36 AM on 1/13/2021.



Dealer Portal

The screenshot displays the hvacpartners.com Dealer Portal. The browser's address bar shows the URL. The top navigation bar includes links to various services. The main content area features a 'What's New' section on the left, a 'Dashboards & Portals' menu in the center, and a 'Quick Links' section on the right. The 'Dashboards & Portals' menu is highlighted with a red box, and the 'Connected Portal' option is also highlighted with a red box. The 'Quick Links' section contains various icons for different tools and services. The taskbar at the bottom shows the Windows operating system and various application icons.

What's New

- 101-20...
1/6/2021
- BY-103...
1/6/2021
- PMB20-114 2021 RC Training Schedu...
1/6/2021 Parts
- 48TC18-29 WeatherMaker® Single P...
1/6/2021 Installation
- BY-106-21-01: LCML Inter-Company...
1/8/2021 Product

Dashboards & Portals

- Commercial Marketing Home Page
- Bryant Commercial Tool Box
- RTUs with EcoBlue Technology Marketing Portal
- Axon Fan Technology Marketing Portal
- Connected Portal**
- Commercial Social Media
- Dealer Dashboard
- Channel Performance Center-Distributor
- Healthy Buildings

Quick Links

- EPIC Internet Explorer
- EPIC Multi-Browser
- RC Distributor
- Fast Track Quoting
- RC Community
- HVAC Parts
- RC Online
- Xref Distributor
- Xref Dealer
- [MY] Learning Center
- TM Playbook
- Customer Gateway
- Dealer Bio
- PUP Personal Use

https://hvacpartners.com/Pages/MT/Programs Promotions/ConnectedCont.aspx

12:40 AM
1/13/2021



Dealer Portal

HVAC PARTNERS

Richard Gambaro

Sign Out

Products Marketing Support Learning Ordering Admin

Search

CONNECTED PORTAL

turn to the experts

Connected Portal

Heating & Cooling Systems

Connected Portal

RESOURCES

Title	Print Date
Carrier® Connected Home Diagnostic Portal	11/01/2019
Bryant® Connected Home Diagnostic Portal	10/10/2019

Showing 1 to 2 of 2 entries

Competitive Comparison Tool



Dealer Portal



Turn to the experts

Connected Portal

Welcome CE Corporate

Log Out

Search Dealers

Dashboard

Dealers

Advanced Search

Resources

Updates

Jan 5. During the holiday period we have been restoring moved Infinity Touch accounts to their correct dealers in the Connected Portal, which triggers an email to the homeowner and an email to the dealer. We have found that in some cases multiple emails are being sent to homeowners, and we are investigating the root cause. Further, it's been reported and confirmed that some dealers have received notification emails meant for other dealers. Please disregard these notifications sent in error. We have determined the root cause of this, and further restorations will send the dealer notifications to the correct address if a notification address is provided on the dealer's Settings page. If no address is provided, no email will be sent. We apologize for these customer and dealer emails sent in error. Finally, we want to point out that Connected percentages in the Portal are rounded to integer values (e.g., 79.928 --> 80%), while in FAD and MOE scorecards the percentages are expressed to two decimal places (e.g., 79.928 --> 79.93%). Thus, 80% shown in the Portal may register below 80% for the scorecard.

DASHBOARD

Lifetime Analysis

62,930

Connected Controls

47,356

Queued Controls

2,962

Connected Dealers

54,236

Connected Customers

REPORTS

Connected Controls

Month over Month Analysis

Dealer Logins

Year-to-Date Analysis



Dealer Portal



Dealer Portal

Welcome [redacted]

Log Out

Search Customers

Dashboard

Customers

Opportunities

Settings

Dashboard

01/01/2018 - 04/10/2018

Feedback

Statistics

Connected Customers

109

Alerts

5

Opportunities

271

Alerts

All 0 Critical Alerts 1 Moderate Alerts 4 Maintenance Alerts



MAINTENANCE

4/5/2018 7:00:52 PM

Code 3130: Time To Change Your Furnace Filter, it was last changed on Jan 6, 2018

customer [Ron Darley](#)

Details

Hide



MAINTENANCE

Code 3130: Time To Change Your Furnace Filter, it was last changed on Jan 4, 2018

customer [Ben Turner](#)



Dealer Portal



Turn to the experts

Connected Portal

Welcome

Log Out

Search Customers

Dashboard

Customers

Opportunities

Settings

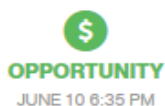
Resources

Updates

FAQ

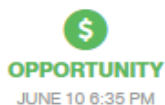
Opportunities

Active Opportunities



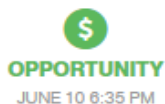
You have **12 Infinity/Evolution version A controls** that are listed as having firmware below version CESR131493-14.02.

Download Report



You have **29 Infinity/Evolution version B controls and 0 ION controls** that are listed as having firmware below version CESR131626-04.05.

Download Report



You have **0 Infinity/Evolution version C controls** that are listed as having firmware below version CESR131755-1.05.





298 thermostats have not been registered to a remote access account. To access information for these controls the homeowner must register the thermostat with a remote access account at www.carrier.com/myhome or through the mobile application.

Download Report

Feedback



Dealer Portal


turn to the experts

Dealer Portal

Log Out

Dashboard

Customers

Opportunities

Settings

Add New Control

Customers

01/01/2018 - 04/10/2018

Statistics

Connected Customers

109

View

Customer Queue

150

View

Customer Directory

sort by Alphabetical Find Customer

model: Infinity® Touch Control

Details

model: Cōr™ Wi-Fi® Thermostat

Details

model: Infinity® Touch Control


Details




Dealer Portal

You can see that we can look at the equipment and different values like status, configuration and we can even edit some configurations. We can also look up documents, warranty and service history.


System 1 System Settings



Infinty® Touch Control
model SYSTXCCITW01-A [product documentation](#)
serial [REDACTED] [warranty lookup](#) [service history](#)
firmware CESR131493-14.01
data sharing view status: **Enabled**
view config: **Enabled**
edit config: **Enabled**
Details



Infinty® 80 Gas Furnace
model 58CVA110---16120 [product documentation](#)
serial [REDACTED] [warranty lookup](#) [service history](#)
firmware CESR131516-24
Details



Infinty® 17 Central Air Conditioner
model 24ANB748A00310 [product documentation](#)
serial [REDACTED] [warranty lookup](#) [service history](#)
firmware CESR131390-11
Details



Dealer Portal

Control Details



Infinity® Touch Control

model SYSTXCCITW01-A

[product documentation](#)

serial

[warranty lookup](#)

[service history](#)

[remove dealer](#)

[Print](#)

Status as of Tuesday, April 10, 2018 12:44:49 PM ET

Zone 1

73°

Indoor Temp

62°

Outdoor Temp

81°

Cool To

38%

Indoor RH

70°

Heat To

SYSTEM ACTIVITY

Fan **OFF**

Air Conditioner **OFF**

Heat **OFF**

Auxillary Heat **OFF**

PROGRAM SETTINGS

Wake **SET** 06:30 AM S M T W T

Away **ACTIVE** 09:30 AM S M T W T

Home **SET** 08:30 AM S M T W T

Home **SET** 06:00 PM S M T W T

Sleep **SET** 09:15 PM S M T W T

[Notifications](#)

[Event Log](#)

[Detailed Status](#)

[System Information](#)



Dealer Portal

My home



Côr™ WI-Fi® Thermostat

model TP-WEM01 [product documentation](#)

serial [REDACTED] [warranty lookup](#) [service history](#)

esn [REDACTED]

firmware 4.0.0.653

data sharing view status: **Enabled**

view history: **Disabled**

[Details](#)



Unknown

model 25HCB648A003 [product documentation](#)

serial [REDACTED] [warranty lookup](#) [service history](#)

firmware - -

Service Notes

[+ new entry](#)

No service logs exist

[Full Log](#)



Control Details



Côr™ Wi-Fi® Thermostat

model TP-WEM01

[product documentation](#)

serial [REDACTED]

[warranty lookup](#)

[service history](#)

[remove dealer](#)

[Print](#)

Status as of 2018-04-10 11:47:57 ET

68°

Indoor Temp

75°

Cool To

37%

Indoor RH

68°

Heat To

The homeowner has not enabled this feature. In order to view this information the homeowner must enable the notification preference in their web portal to allow the dealer to view program schedule & configuration.

Event Log



Questions?





Carrier Enterprise

Carrier Enterprise South Central



Thank you for ATTENDING!
DON'T LEAVE JUST YET!!!



End

****Important** Test Taking Information**

If you already have a login and the class is showing up in your account



1. Scan the QR Code to go to [YOUR ACCOUNT](#) login page.
2. Navigate to "Purchased Zoom Meetings"
3. Select today's course
4. Complete your final test