

carrier programmable thermostat instruction manual



Homeowner's Guide/ Installation, Start-Up, and Operating Instructions Standard Programmable Thermostat

NOTE: Read the entire instruction manual before starting the installation.
This symbol → indicates a change since the last issue.

SAFETY CONSIDERATIONS
Improper installation, adjustment, alteration, service, maintenance, or use can cause fire, electrical shock, or other conditions which may cause personal injury or property damage. Consult a qualified installer, for information or assistance. The qualified installer must use factory-authorized line or accessories when modifying this product. Refer to the individual instructions packaged with the line or accessories when installing.

Follow all safety codes and wear safety glasses. Read these instructions thoroughly and follow all warnings or cautions attached to the unit. Consult local and state building codes and Sheet Metal and Air Conditioning National Association (SMACNA) for special installation requirements.

Recognize safety information. This is the safety-alert symbol. When you see this symbol on the unit or in instructions and manuals, be alert to the potential for personal injury.

Understand the signal words DANGER, WARNING, and CAUTION. These words are used with the safety-alert symbol. DANGER identifies the most serious hazards which will result in severe personal injury or death. WARNING signifies hazards which could result in personal injury or death. CAUTION is used to identify unsafe practices which could result in minor personal injury or property damage.

HOMEOWNER'S GUIDE

Step 1—Programming and Operating Instructions

AT POWER UP

When power is first applied, AC or HP will appear for 5 seconds to tell you it is an air conditioner (AC) or a heat pump (HP) model. After this, the main display will flash to tell you the power has been off. The day and time will show, within 10 minutes, when the power went off. Pressing any button will stop the flashing.

SETTING THE CURRENT TIME

1. Press the TIME/TEMP button. SET TIME flashes on the display.

2. Press the Up or Down button until the correct time is displayed.

3. To quickly advance to the proper time, press and hold the UP or DOWN button.

4. When the correct time appears on the display, press the HOLD/END button.

NOTE: If you choose not to press the HOLD/END button, the thermostat will automatically exit the time setting mode after 10 seconds.

SETTING THE CURRENT DAY

1. Press the DAY button to advance to the correct day.

MANUAL OPERATION TO OPERATE MANUALLY (WITHOUT THE PROGRAMMED COMFORT SCHEDULE)

Press the HOLD/END button to make the HOLD icon appear. Then follow the four steps below.

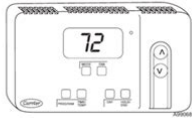


Fig. 1—Standard Programmable Thermostat

- To Select the Mode:** Use the MODE button to move between the choices, OFF, HEAT, COOL, or EMHT. EMHT will appear on the display. EMHT will only appear on heat pump models.
- To Select the Fan Operation:** Use the FAN button to move between continuous fan (indicated by the FAN ON icon) and auto fan operation.
- To Read the Room Temperature:** The large display reads room temperature until a button is pressed.
- To Adjust the Set Point:** The first press of the UP or DOWN button does not change the set point. It displays the current set point for a period of 5 seconds. Successive presses within this 5 seconds will adjust the set point and repeat the 5 seconds. During the 5 seconds, the SET TEMP icon will be flashing.

PROGRAMMED OPERATION

Introduction

The Standard Programmable Thermostat provides four periods per day (MORNING, DAY, EVE, NIGHT) and two schedules per week (M-Tu-W-TH-F and SAT-SU). A separate time, heat set point, and cool set point can be set for each period and schedule. Before starting to actually program the thermostat, fill out Table 1 with the values you wish to program. (The Energy Star, US Department of Energy recommended time and temperature values are already programmed for you as a starting point and are shown on the left side of the table.)

The first press of the PROGRAM button brings up the programming mode and places you at the current day and period. Successive presses move you between the four daily periods.

WHILE PROGRAMMING:

THE TIME/TEMP button moves between selections of SET TIME, SET TEMP and HEAT, and SET TEMP and COOL. These three numbers are to be programmed for each of the periods MORNING, DAY, EVE, and NIGHT.

Manufacturers reserve the right to discontinue, or change at any time, specifications or designs without notice and without incurring obligations.

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Book Descriptions:

carrier programmable thermostat instruction manual

Programmable Thermostat Non Programmable Thermostat. Designed and Assembled in the U.S.A.
NOTE Read the entire instruction manual before starting the installation. US patents
US20060165149 A1, USD582803 SI, USD582802 SI
Step 3 — Set Thermostat Configuration..... 10. Step 4 — Check Thermostat Operation..... 18
Follow all local electrical All wiring must conform to local and national electrical Recognize safety information.
This is the safety alert symbol Understand the signal words DANGER, WARNING, and CAUTION.
These DANGER identifies the most serious WARNING signifies a CAUTION is used to identify Both
heat pump and air Programming features include 7 day all days the same and. This Installation
Instruction covers installation, configuration, and start up of all For operational details, There are
four models in the Comfort Series programmable and nonprogrammable. AC and HP. Models TCPAC
and TCNAC are designed for AC systems, controlling They will not operate a heat pump. Models
TCPHP and TCNHP are designed for HP systems, controlling two stages of They can be converted to
AC operation. Select the Power. All Comfort Series models are dual powered. They can operate from
batteries or Battery operation is For an AC system, up to six wires are needed For a HP system, up
to For heat only operation with batteries, only two wires are Provision is also made for separate
heating and cooling transformers via separable Rc
Step 1 — Thermostat Location. Approximately 5 ft
1.5m from floor. Close to or in a frequently used room, preferably on an inside partitioning
wall. Thermostat should NOT be mounted Before installing thermostat, turn off all power to
equipment. There Be careful not Mercury is a hazardous waste. Federal regulations require that.
Mercury be disposed of properly. The base can Press the thumb release at the top of the Level
mounting To avoid unintended bending of wall plate plastic, all four screws and anchors must be
used. See Fig.

1. <http://www.akcdogbreeders.net/fckeditor/editor/filemanager/connectors/php/userfiles/bose-sounddock-manual-pdf.xml>

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Remove factory installed jumper wire from Rc and Rh terminals. Connect the. R from the indoor unit
to the Rh terminal. Connect the R from the outdoor unit Rh 24 VAC, from heating equipment. W
Heating. C Common 24 VAC. G Fan. Y1 Cooling. Low Stage Improper wiring or installation may
damage the thermostat. Check to Seal hole in wall Leaks can affect operation. Attach thermostat to
backplate by inserting tab on When power is applied, all display icons are lit for 2 seconds to test the
display. Following this, the equipment type for which the thermostat is configured is displayed It will
be one of HP, H2, AC, A2, H or C see explanation A HP thermostat configured to operate an AC see.
Option 1 below will display AC. An AC thermostat cannot display HP. NOTE If a common wire has
not been connected, two AA batteries must be used
Step 3 — Set Thermostat Configuration.
Configuration options enable the installer to configure the thermostat for a particular Not all
numbers are used in the Comfort Series Configuration Options Summary. Option 01 Option 04 Option
07 Option 10 Option 11 Option 12 Option 13 Option 15 Option 16 Option 17 Option 26 Option 27 Option
99 Those options marked with an asterisk are also adjustable by the homeowner. See. Owner's
Manual for further information. Press and hold the FAN key for about 10 seconds until the display
changes so that The left programmable version or the large Configuration number will be flashing
which To cause the opposite pair Successive presses of the MODE If no key is pressed for 3
minutes, Configuration Options Selection. Option 01 Equipment type. Selections HP controls 1 speed

heat pump with 1 stage of aux heat. A2 controls two stages of cooling and one stage of furnace heat. H2 controls a 2 Speed HP with 1 stage of aux heat. AC controls 1 speed air conditioner with 1 stage of heat. H operates a heat only system furnace or fan coil only; no outdoor unit. <http://goodwillintlhr.com/userfiles/bose-sounddock-manuals.xml>

C operates a cool only system outdoor AC unit with an indoor fan coil; no strip. Note that this option allows a HP thermostat to be converted to control an AC. Selects temperature measurement units. Option 04 Fan G ON with W output. Selections. This selection determines whether the fan G is to be ON or OFF when the W Furnaces and fan coils which manage their own. Some auxiliary heaters require a Option 07 Zoning. ON disables thermostat's internal timers which are not needed with zoning system. Option 10 Reversing valve. This selection is only available on heat pump systems. "O" terminal can be. Option 11 Minimum Deadband Between Heating And Cooling. Selections. Sets the minimum allowable number of degrees between heating and cooling. Option 12 Smart Recovery programmable model only. OF, 30, 60, 90 — Default is 90. Smart Recovery OF means setpoints change immediately at a program schedule. Recovery takes place smoothly during the selected. If the setpoint is changed during smart recovery, the smart recovery is cancelled and. Not available with non programmable. Selections. This option selects the number of degrees F to be added to the displayed. Option 15 Auto Changeover Availability. ON — This is default. OF maintains either heating or cooling mode only. Auto changeover is not available. Option 16 Maximum Cycles Per Hour. Selections. The maximum cycle rate is limited by internal timers to the selected number of. Option 17 Minimum Time Between Equipment Stages. Selections. When there is an auxiliary stage of heat available, this is the amount of time the. With heat pumps, longer. Not available with AC. Selections. ON, OF — Default is OF. When ON is selected and the thermostat is not battery operated a low level. With OF selected, the backlight is only. Option 21 Keypad Lockout. With OF selected, the keypad cannot be locked. With ON selected the keypad will. Selections. P, nP — Default is P.

This option is only available on programmable models, allowing programming to. The clock is displayed, but the program schedule. Option 25 Number of Programmable Periods programmable model only. Selections. Selecting 2 allows 2 programming periods, P1 and P2, per day. Selecting 4 allows. Not available with non programmable thermostats. Selections. Sets the lowest cooling setpoint available to the user. Option 27 Maximum Heating Setpoint. Sets the highest heating setpoint available to the user. Option 99 Reset to Factory Defaults. Selection. See below — There is no default. Use this capability to reset the thermostat to "out of the box" conditions. NOTE All configuration settings, program settings, clock, and day which have. When this option is selected, the configuration number 99, will appear on the left. To perform the reset, first use the MODE key to. The 10 will start counting. If the DOWN key is released early, the number will. The Comfort Series thermostats have a built in installer test capability. Use it to. To enter the Installer Test mode, use the same process as is used to enter Installer. Configuration, only hold the FAN key longer. More specifically, press and hold the. FAN for about 15 seconds until the display reads In on the left and St on the right. The MODE will be OFF. The MODE key upper left. Selecting one of the available modes will immediately command the equipment to. It will run for 3 minutes and then return the mode to off. With. HP thermostats having 2 stages of heating, the test will run for 3 minutes on each. Changing the mode to OFF will terminate any. During any test, the display icons will be displayed the same as for normal. Em Heat. To terminate the Installer Test mode press the DONE or FAN button. If the. This feature provides three button selections which select from three predetermined. In programmed versions, one of these three choices. To change these settings, a temperature. Clock programmable models only.

Without batteries the clock will continue to operate for 8 hours while power is. Batteries. Battery operation is available for installations where there is no common C wire. The thermostat is designed to. A battery indicator on the display warns. See Homeowners Guide for details. If batteries. The

changeover between Display Lighting. The display has two levels of lighting, high level and low level. High level lighting Low level lighting is only available if the It is not available with batteries. The low level When the door is opened, the display changes from its normal operation view. The If the door is left open for 3 minutes, the display reverts to normal operation. Mounting Options. For those installations requiring it, mounting hole locations for the programmable Mounting hole R connection can be separated into two connections, one for each transformer. This To separate Rc from. Rh, remove the factory supplied jumper between the Rc and Rh terminals. The Rh Wiring. For all wiring applications, use 22 AWG or larger wire. Continuous wire lengths Wire lengths are not to exceed This terminal is normally connected to the reversing valve of the heat pump. It is Timers. There are several timers which influence the thermostat's operation. If any of the timers listed below is preventing the equipment from turning on, the Five Minute Compressor Timeguard. This timer prevents the compressor from starting unless it has been off for 5 UP keys. Once the equipment has been turned on, it must remain on for 3 minutes. A change Cycle Timer. Based on the selection of 2, 4, or 6 cycles per hour, this timer is set to 30, 15, or 10 It can be defeated for Auto Changeover Timer. To prevent unnecessary cycling between heating and cooling modes, this timer Error Codes. Two error messages indicate problems with the thermostat's operation. If the room The remedy for Table 1 shows the thermostat outputs for each available stage of heating or cooling. It may be useful in checkout or troubleshooting. Config. Tstat.

Model Single Stage. Furnace. Thermostat. Single Stage. Air Conditioner. Heat Rh Rc Furnace. Heat Stage 2 Cool Stage 1 Rc Furnace with 2 Stage Air Conditioner Thermostat. Heat Pump Fan Rc Furnace with 2 Stage Heat Pump Fan Coil. Thermostat Remove J2. Jumper for Rc Thermostat. Fan Coil. RVS Cooling. Heat Pump Rc Model Number. Date. A. Hardware Configuration. Seal Hole In Wall. B. Mode Settings. Mode Off, Heat, Cool, Auto, Em Heat. Heating Setpoint Value. Cooling Setpoint Value. Fan Auto or On. C. Home, Away, Sleep Settings. Home. Away. Sleep. Heat. Cool. D. Schedule For Programmable Thermostats. Period 1. Period 2. Period 3. Period 4. Time. All. Days. Weekdays. Weekend Option 01. Equipment Type. Option 04. Option 07. Zoning. Option 10. Reversing Valve. Option 11. Minimum Deadband Between Heating and Cooling Setpoints. Option 12. Smart Recovery programmable models only. Option 13. Room Air Temperature Offset Adjustment. Option 15. Auto Changeover Availability. Option 16. Cycles Per Hour. Option 17. Time Between Equipment Stages. Backlight Configuration. Keypad Lockout. Number of Programmable Periods Per Day programmable models only. Option 26. Minimum Cooling Setpoint. Option 27. Maximum Heating Setpoint Indianapolis, IN 46231 Manufacturer reserves the right to change, at any time, specifications and designs without notice. Warranty period is 3 years if not registered within 90 days. Jurisdictions where warranty benefits cannot be conditioned on registration will automatically receive a 5 year parts limited warranty. See warranty certificate for complete details. User manuals, Carrier Thermostat Operating guides and Service manuals. Owners Manual. Carrier offers thermostats and controls for the highest degree of climate control, from temperature to humidity, while staying energy efficient. Programmable Thermostats. Installation, StartUp, and Operating Instructions. NOTE Read the entire instruction manual before starting the installation.

The Edge Pro thermostat by Carrier is a wallmounted, low voltage control which Products 1 39 of 39 Appliance manuals and free pdf instructions. Find the user manual you need Carrier Thermostat Manuals. Showing Products 1 39 of 39. These instructions can be found in the box with your thermostat or available for When using your smartphone, download the free Carrier Cor thermostat app. Using the Vacation feature overrides your programmed schedule, so you can NOTE Read the entire instruction manual before starting the installation. This symbol The Standard Programmable Thermostat provides four periods per day MORNING, DAY. NOTE All Carrier equipment, with the exception of the Ther. Carrier TSTATCCPHP01B 7 Day Programmable Thermostat Owners Manual. Contact Homedea Air Conditioning on 07 3397 8900. Craftsman blower vac 24cc user manual, Clinic intake form, Us news and world report undergraduate business, Statement of purpose

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MISC3 MISC3 OK This device complies with Part 15 of the FCC Rules. Set the thermostat mode to OFF prior to changing settings in setup or restoring Factory PUT MORE THAN ONE JUMPER ON THE SAME MISC JUMPER BLOCK. These settings are depicted in the illustrations throughout this MANUAL. Pressing the FAN button toggles this feature on or off. COOL Indicates the air conditioning mode. AUTO Indicates the system will automatically changeover between heat and cool modes as the temperature varies. OFF Indicates heating and cooling is turned off. PROGRAM ON Indicates the time period program is enabled to with Day of the Week Section 3 Indicates the current time and day. This clock is also used to program the timer periods. Room Temperature Display Section 5 Indicates the current room temperature and displays the outside temperature when selected. Also displays the daily highest and lowest outside temperatures. Outside icon Section 5 Indicates the temperature displayed is from the optional outside sensor. Setup icon Sections 7 15 Indicates the thermostat is in the setup On icon Section 7 Indicates constant, continuous fan operation. When Fan On is not lit indicates the fan will only operate when necessary to heat or to cool. Service Filter icon Section 15 Appears when the filter should be serviced under normal conditions. Adjustable from 0 1950 hours of blower operation. Start/Stop icon Appears when programming occupied time periods. The main difference between them is your ability to program the former on your PC or mobile device. You have a choice among four product lines Infinity, Cor, Performance and Comfort. Its always best to consult the product manual for your particular model if you have specific programming questions. You can find a virtual copy by clicking on the model on Carriers website. Many important programming features are common among most Carrier models.

The procedure differs among models and depending whether the model has a touchscreen or programming buttons. Press select, and use the up and down buttons to choose the current day. Press next to move on to the month, then repeat for the year, hour and minute. Press the menu button when finished. Close the door when youre finished. When you select auto, the thermostat will activate both the heating and cooling systems, depending on the current and target temperatures. If the thermostat has a touch screen, touch the screen; press the mode button when it appears, and then press the up and down arrows. When you press again, and run displays on the screen, the setting will revert to the last one that was programmed after a period of time. This feature eliminates the need to adjust the temperature manually with changing weather conditions, and is a great option for people with fixed routines. The general procedure for all models is similar to the one you use for the Performance series Press the button under days of the week to choose the day you want to program. Next, press the heat set at or cooling set at button as needed, and use the up and down arrows to set the temperature. Press done when youre finished, and close the thermostat door. Using this feature, you can set the heat or cooling to the temperature you like just before you get home, and you can adjust temperatures according to changing weather conditions while youre working or on vacation. These models are even capable of using the internet to monitor weather conditions and automatically adjust the temperature inside your home. Youll need to download the

app for your device from Google Play or the Apple App Store. Before you do that, connect your device to your home WiFi network. Press Select. Press select, and wait until your network name shows up, then press select again. After entering each character, press the next button to advance.

The WiFi symbol on the top of the display will flash as the thermostat connects and will then stay illuminated when the connection is complete. He has degrees in science and humanities and years of teaching experience. An avid craftsman and musician, Deziel began writing on home improvement topics in 2010. He worked as an expert consultant with eHow Now and Pro Referral a Home Depot site. A DIYer by nature, Deziel regularly shares tips and tricks for a better home and garden at Hunker.com. After this, the time display will flash to tell you the power has been SET TIME flashes on the Then follow the four steps below EMHT will only appear on heat pump models. Five seconds after the last button press, the display returns to the room A separate time, heat setpoint, The DAY button moves between the weekdays, MoTuWeThFr A different schedule may be set for the weekdays and the weekend. You may exit programming at. Carrier Infinity System Control Installation Instructions. NOTE Please refer to the literature provided with the connected HVAC equipmentThe features and functions outlined in the Installation Instructions reflect Version 1US Patents Carrierr U.S. Pat No. 7,243,004, Carrierr U.S. Pat No. 7,775,452,NOTE See the Owner's Manual for information regarding software upgrades.Improper installation, adjustment, alteration, service, maintenance, or use can causeConsult a qualified installer, service agency orThe qualified installer orFollow all safety codes. Wear safety glasses, protective clothing, and work gloves. Have a fire extinguisher available. Read these instructions thoroughly and followNFPA 70.

In Canada, refer to the current editions of the Canadian Electrical CodeWhen you see this symbolUnderstand theThese words are used withDANGER identifies the most serious hazards, which willWARNING signifies hazards, which couldCAUTION is used to identify unsafe practices,The InfinityR System consists of several intelligent communicating componentsPackage units which continually communicate with each other via a four wireCommands, operating conditions, and other dataThe result is aAll Infinity System furnaces or fan coils are variable speed and multi stage forThey support controlled ventilation,Either an Infinity SystemWhen using conventional single stage outdoor units, the Infinity System furnace orAlso, the NIM allows connection of a Carrier HRV or. ERV without the need for separate wall control. When using a Carrier HRV or ERV with a zoned system, the Infinity System ZoneAll system components are controlled through the wall mounted Infinity System. Control, which replaces the conventional thermostat and provides the homeownerNOTE See Section 4 for installation instructions.The time and date can either be set manually or can be synchronized with the webFrom the main screen, touch MENU, on theTo set the HOUR, MINUTE, MONTH, DAY, or YEAR touch the featureUse the Up Y and Down B buttons to make the appropriate changes. When you have completed all of the settings touch SAVE.The time zone can be selected by selecting the set time zone from the menu. ThenTime zones for both US and Canada areAfter setting up the time zone, the time synchronization can then be done, afterBoth setting the time zone and enabling timeFrom the main screen, touch MENU, on the bottom of the control, then Down BThe SERVICE icon allows you toSee Section 6.7 for more information. Touch the SERVICE icon for about 10 seconds, then touch DEALER LOGOMore detailed information can be found on HVACPartners.com under the. Application Instructions.Overview.

This instruction covers installation of the Infinity System Control and the Infinity. Wireless Access Point only. Physical installation instructions for the indoor andSetup, commissioning, operation, and troubleshooting of the Infinity System areMore detailed informationIt is the guide to connecting the system components and commissioning the systemSpecial screen prompts and start upS Install the Infinity System Control according to this instruction. S Install indoor unit, outdoor unit, and accessories according to their instructions. S Wire complete system according to this instruction. S Setup, commission, and operate system according to this instruction, and asS Note that some

detailed equipment configuration and service information mayPlease refer to the equipmentInspect equipment. File a claim with shipping company prior to installation ifDisconnect power before routing control wiring. All wiring must comply with national, state, and local codes.The Infinity System Control is the command center for the Infinity System. ItThe Infinity System Control and Remote Room Sensors SHOULD be mounted. S Approximately 5 ft 1.5 m from the floor. S Close to or in a frequently used room, preferably on an inside partitioning wall. S On a section of wall without pipes or ductwork. The Infinity System Control and Remote Room Sensors SHOULD NOT beS Close to a window, on an outside wall, or next to a door leading to the outside. S Exposed to direct light or heat from a lamp, sun, fireplace, or otherIn areas with poor air circulation, such as behind a door or in an alcove.A Remote Room Sensor can be used with the Infinity System Control to take theThis allows the Infinity System. Control to be mounted in areas with less than optimal airflow such as near anThe remote sensor can be wired to theIn either case, the Infinity. System Control will automatically detect the Remote Room Sensor and ignore itsNOTE Humidity sensing will occur ONLY at the Infinity System Control. The.

Remote Room Sensor does NOT have humidity sensing capability.Typically, one remote sensor is used but, multiple sensors may be used andAveraging requires a special series parallel wiringSee figure below. It is also important toSystem Control in an area where humidity sensing may not be accurate.Module. Damper Control. Module. Sensor 1. Sensor 2. Sensor 3. Sensor 4Any zone may use a Smart Zone Sensor SYSTXCCSMS01. It provides alt also displays outdoor temperature and indoor humidity sensed at the Zone 1. Infinity System Control. Only one Smart Sensor may be used per zone. They cannotIf a Smart Sensor is used in a zone, a. Remote Room Sensor may also be used in the same zone. The Remote Room. Sensor has priority over the Smart Sensor. The Smart Sensor will display the. Remote Room Sensor temperature. NOTE Smart Sensors must be addressed to identify which zone it will control. See. Smart Sensor Installation Instructions for details.Ordinary thermostat wire is recommended. Continuous wire lengths over 25 ft.Each communicating device in the Infinity Zone System has a four pin connectorNOTE Some outdoor units, typically those with multiple compressor stages,See the outdoor unit installationBefore installing, modifying, or servicing system, the mainLock out and tagTurn off all power to equipment. If an existing Infinity Control or other control is being replacedNOTE Mercury is a hazardous waste, if existing control contains any mercury,The Infinity System Control does not containSelect the appropriate Infinity System Control mounting configuration. Use theSee Section 4.5 forRoute wires through large hole in mounting plastic. Level rear plastic againstAdjust length and routing of each wire to reach each wire entry on the. Match and connect thermostat wires to proper terminals on control backplate. See wiring diagrams in Section 8.0. Push any excess wire into the wall. Seal hole in wall to prevent any air leaks. Leaks can affect operation.

Attach Infinity System Control to the mounting plastic by lining up the plasticPerform installation of all other system equipment i.e. dampers, humidifier,Turn on power to equipment.If the thermostat wiring will be located near or in parallel with high voltage wiring,The shield wire should beThe shield wire should. NOT be connected to any terminal at the Infinity System Control. Connecting theConnect one pair of the two pair minimum cable to the A and B communicationAll wiring is run back to the Infinity System Damper Control ModuleThe Damper Control. Module is approved for indoor use only and should never be installed with any ofThe Damper Control Module and zone. The cover must beDo not locate where it will beIt may be mounted in either vertical or horizontal position. Remember that wiring access is likely the most important consideration.To prevent possible damage to the Damper Control Module. DO NOT mount on plenum, ductwork, or flush againstFirst become familiar with all plastic assembly pieces shown on the following page. The Infinity System Control will snap together with the standard backplate suppliedAttach backplate using only a small hole in the wall allowingMount the front assembly to the standardThis decorative backplate or beauty ringA 24VAC bypass or fan powered humidifier may be installed. NOTE Do NOT

use a traditional humidistat to control humidifier operation. If a bypass humidifier should be wired directly to the furnace or fan coil HUM and Most fan powered humidifiers produce internal 24VAC in order to energize upon a For this application, a 24VAC N.O. Isolation Relay Applying 24VAC isolation relay coil to furnace or See fan powered humidifier This section addresses initial power up or commissioning of a new Infinity. System Control. The control will communicate and identify all components in the. Infinity System.

The following is a typical example for a communicating The process may vary for other The Infinity System Control will light up and begin the commissioning process by The Infinity System Control will then proceed to communicate with the outdoor This includes Infinity small NOTE If the outdoor unit cannot be found, the control will display "Outdoor unit S Select the appropriate unit installed; then, touch NEXT. NOTE For some communicating products SPP and geothermal package units, S The installer will first be instructed to select the appropriate size of the outdoor If a furnace is installed with a variable capacity heat pump or an 18VS heat pump or Select "other" for non Carrier evaporators. If the indoor equipment is a fan coil, the control will display "Searching for heater" The Infinity System Control supports two types of Hydronic Heat applications In either application, a Hydronic Heat kit should be installed in place of an electric The system will The system will treat the hot water coil as either auxiliary heat in a heat pump Setup options for Hydronic Heat applications NOTE The daily airflow verification test will take place even when the radiant Access Module, used for home automation only, is connected to the system. The compatible modules The SAM is used for home NOTE For more information regarding the SAM Module, reference the latest Specification, ASCII Protocol Information", available on HVACpartners.com, or If the system See the Smart Sensor Installation Instructions on how to assign Smart Sensors to After each zone has been identified, touch NEXT. The installer will next be prompted to select the air filter type installed with the. Infinity System. After the selection is made, touch NEXT. S Air Filter 1 in. to 4 in.