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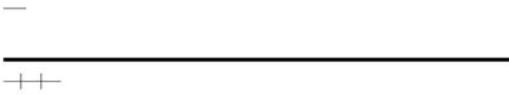
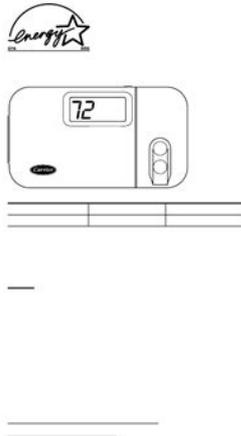
Book Descriptions:

carrier thermostat user manuals



Follow all local electrical codes during installation. All wiring must conform to local and national electrical codes. Improper wiring or installation may damage thermostat. This is the safety alert symbol. 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 a hazard which could result in personal injury or death. CAUTION is used to identify unsafe practices which would result in minor personal injury or product and property damage. Separate heating and cooling setpoints, plus auto changeover allow setback programming for maximum energy savings. Batteries are not required; during a power interruption, the internal memory stores programs for an unlimited time and the clock continues to run for at least 72 hrs. They do require 24VAC R and C terminals to be connected for proper operation. Thermostat will not operate without these 2 connections. The 9th and 10th letters of the part number indicate the model. These 2 letters appear on the package and on the circuit board. Be sure to have the proper thermostat for the intended application. Models are HP 1stage cool, 2stage heat for either HP or AC with 2stage Sensor can be mounted to outdoor unit and existing control wires used for its connection. Details are provided to the sensor instructions. Select Product Category Just enter the model number below, and we'll give you a list of links to all the documents associated with it. Rather than have you commit them all to memory, we made our model numbers easy to find. If you don't happen to have them handy, you'll also find the model number printed right on the unit. If your heat pump is geothermal, the model information should be easily found on the front of the unit. You should see the model number printed on ratingplate or decal. Still unable to find that model number. Just call your local Carrier Expert. He or she will be happy to help you. <http://deepsoundmeditation.org/upload/eclipse-avn726e-manual.xml>

- **carrier thermostat user guide, carrier thermostat user manual, carrier infinity thermostat user manual, carrier cor thermostat user manual, 1.0, carrier thermostat user guide, carrier thermostat user manual, carrier infinity thermostat user manual, carrier cor thermostat user manual.**



Make sure the temperature is set cooler than the current indoor temperature. If it is not running, make sure the breakers in your home's breaker box or electrical panel are in the ON position. Make sure it's in the ON position. If the system is set for cooling, the blower motor should be running. If not, check to make sure your indoor unit switch is in the ON position. If you have oneinchthick furnace filters, a onceamonth change is recommended. If you don't change it, the filter will eventually block the proper airflow and cause your outdoor air conditioner unit to shut down. Return air grilles are larger and are located on a wall or the ceiling in newer homes. Older homes frequently have return air grilles on the floor. NOTE If your system control has a "Constant ON" feature, you will not always feel warmth, even though air may be blowing. If it isn't, your system won't know to provide heating. Try turning the fan to ON using the fan switch on the control or thermostat to test for power to the furnace. If you have oneinchthick furnace filters, a onceamonth change is recommended. If you don't change it, the filter will block the proper airflow and strain your furnace. Return air grilles are larger and are located on a wall or the ceiling in newer homes. Older homes frequently have return air grilles on the floor. NOTE If your system control has a "Constant ON" feature, you will not always feel warmth, even though air may be blowing. Verify that the circuit breakers are ON or that fuses have not blown. If you must reset breakers or replace fuses, do so only once. Contact your Carrier expert for assistance if the breakers trip or the fuses blow a second time. Check air filters for accumulations of large particles. Check for blocked exhaust air grilles or ductwork. Keep grilles and ductwork open and unobstructed. Defrost time could be five to 20 minutes, depending on temperature and settings. With this information, the dealer will be able to correct any problems.<http://abigskyevent.com/admin/UserFiles/eclipse-avx2494-manual.xml>

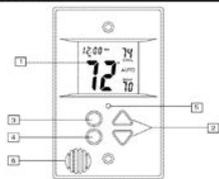


Owner's Manual

PROGRAMMABLE DIGITAL THERMOSTAT

53DFS250-FS

Front Panel



- 1 Liquid Crystal Display with Thermoglow™ Backlight
- 2 Up/Down Buttons
- 3 Mode Button
- 4 Override Button
- 5 Heat or Cool Indicator
Heat = Red, Cool = Green
- 6 Temperature Sensor Bubble

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IMPORTANT: Follow **INSTALLATION INSTRUCTIONS** before proceeding.

CAUTION: SET THERMOSTAT TO MODE "OFF" PRIOR TO CHANGING SETTINGS IN SETUP OR RESTORING FACTORY DEFAULTS.

- 7-Day Programmable
- 3 Occupied periods and 1 Unoccupied period
- Auto Changeover
- Large, Easy To Read Display
- Thermoglow™ Backlight
- Remote Sensor Ready
- Dry Contact Equipped
- Energy Saving Smart Fan
- Fan Purge, IAQ Feature
- Meets California Title 24

Display



- 1 Mode Indicators
Selects the operation mode of the equipment.
HEAT — indicates the heat mode.
COOL — indicates the air conditioning mode.
AUTO — indicates the system will automatically changeover between the heat and cool modes as the temperature varies.
OFF — indicates the entire system is turned off.
PROGRAM ON — indicates the stored program is enabled to run. See page 2.
- 2 Clock with Day of the Week
Indicates the current time and day. This clock is also used to program the timer periods. See page 2.
- 3 Room Temperature Display
Indicates the **current** room temperature.
- 4 Desired Set Temperature
Indicates desired room temperature(s). See page 2.
- 5 Override Indication
Indicates the current program is currently being overridden for up to 4 hours. See pages 2 and 5.
- 6 Occupied or Unoccupied Indication
Indicates the program number: Occupied 1, 2, 3, or Unoccupied. See pages 2 and 4.

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

Carrier No. 538-228 Printed in U.S.A. Form 04/05-2 Pg 1 11/04 Replaces New

Make sure that the condensate drain tube has a slight slope and is not kinked. Provide your model and serial number. With this information, the dealer will be able to correct any problems. Water likely means the support base has shifted since installation and is no longer level. Soak the core in warm water and mild soap for three hours and then rinse under warm not hot water. Use a vacuum cleaner to remove accumulated dust and then handwash in warm water. Filter life varies from home to home and is based on several factors, but most last from eight to 12 months. If your geothermal unit is connected to well water instead of a closed loop, we recommend the heat exchanger inside the unit be cleaned periodically to prevent the buildup of minerals that can reduce system performance. Visit www.carrier.com. Installation, StartUp, and Operating Instructions. NOTE Read the entire instruction manual before starting theAs an ENERGY STAR Partner, Carrier Corporation hasSet DIP Switches.2. Install Thermostat.23. Set Thermostat Configuration.34. Check Thermostat Operation.45. Final Settings.5. Checklist.5All wiring must conformImproper wiring or installation may damage thermostat. Recognize safety information. This is the safetyalert symbolUnderstand the signal words DANGER, WARNING, and CAUTION. These words are used with the safetyalert symbol. DANGER identifies the most serious hazards which will result in severeWARNING signifies a hazard whichCAUTION is used toSeparate heating and cooling setpoints, plus auto changeover allowNote that all TSTAT models require no batteries and are notThermostat will not operateThere are 3 different models. The 9th and 10th letters of the partThese 2 letters appear on the packageBe sure to have the proper thermostat forModels are. AC 1stage cool, 1stage heat for AC systems only. HP 1stage cool, 2stage heat for either HP or AC with 2stageUse each only for its intended purpose. See Table 1..

All Carrier programmable thermostats may be equipped with anPart. No. TSTATXXSEN01B. If it is to be used, plan installation so that 2Instructions included with the outdoor temperature sensor forSensor can be mounted to outdoor unit andDetails are providedThermostat should be mounted. Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice and without incurring obligations. Book 1Printed in U.S.A. Form TSTAT15SI. Pg 1Tab misc. misc. Close to or in a frequently used room, preferably on an insideOn a section of wall without pipes or duct work.This switch converts a 2speed heat pump thermostat with 1 stageFV, 40FKA fan coil. Refer to variablespeed fan coil literature forThis is factory default. ON—for intelligent 3stage

heat with FK, FV, 40FKA fan coil. Thermostat should NOT be mounted. Close to a window, on an outside wall, or next to a door leading Exposed to direct light and heat from a lamp, sun, fireplace, or Close to or in direct airflow from supply registers and return air In areas with poor air circulation, such as behind a door or in Step 3—Install Thermostat. Before installing thermostat, turn off all power to unit. There Electrical shock can There is a 4 section DIP switch within the thermostat which must It is easiest to set these 4 switches The 2 halves will swing NOTE Mercury is a hazardous waste and MUST be disposed of The base can be removed to simplify mounting. Snap apart carefully at hinge to separate mounting base from The rear plastic will be first mounted to wall. Switch A Zoning Select Active on all models Level mounting base against wall for aesthetic value This switch selects or defeats the 4 cycles per hour limit and a These timers MUST be enabled This is the factory default. ON—for zoned installations ONLY. Switch B Setback Recovery Active on all models Selects between normal and smart recovery from setback.



Installation Instructions



Fig. 1 - Infinity™ Control

NOTE: Read the entire instruction manual before starting the installation.

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SAFETY CONSIDERATIONS

Read and follow manufacturer instructions carefully. Follow all local electrical codes during installation. All wiring must conform to local and national electrical codes. Improper wiring or installation may damage the Infinity System.

Recognize safety information. This is the safety-alert symbol. When you see this symbol on the equipment and in the instructions

manual, be alert to the potential for personal injury. Understand the signal words DANGER, WARNING, and CAUTION. DANGER identifies the most serious hazards which will result in severe personal injury or death. WARNING signifies a hazard, which could result in personal injury or death. CAUTION is used to identify unsafe practices, which may result in minor personal injury or product and property damage. NOTE is used to highlight suggestions which will result in enhanced installation, reliability, or operation.

INTRODUCTION

The Infinity System consists of several intelligent communicating components which includes the Infinity Control (or User Interface), variable speed furnace or FF fan coil, 2-stage AC or HP and Infinity Packaged Products, which continually communicate with each other via a four-wire connection called the ABCD bus. Commands, operating conditions, and other data are passed continually between components over the ABCD bus. The result is a new level of comfort, versatility, and simplicity.

All Infinity furnaces or fan coils are variable-speed and multi stage for maximum flexibility, efficiency, and comfort. They support controlled ventilation, humidification, dehumidification, and air quality control. Either an Infinity (communicating), or a standard 24VAC controlled outdoor unit may be used.

When using conventional outdoor units, the Infinity furnace or fan coil provides the 24 volt signal needed to control them. Also, the Infinity Network Interface Module (PIN SYSTXCCNIM01) allows connection of a Carrier HRV or ERV without the need for a separate wall control.

All system components are controlled through the wall mounted Infinity Control, which replaces the conventional thermostat and provides the homeowner with a single-wall control for all features of the system.

INSTALLATION AND START-UP OVERVIEW

This instruction covers installation of the Infinity Control wall. Physical installation instructions for the indoor and outdoor equipment, and accessories are provided with each unit.

Setup, commissioning, operation, and troubleshooting of the Infinity System are covered only in this installation instruction. It is the guide to connecting the system components and commissioning the system once all physical components are installed. Special screen prompts and start-up capabilities are provided in the Infinity System to simplify and automate the initial commissioning of the system.

- Install Infinity Control according to this instruction.
- Install indoor unit, outdoor unit, and accessories according to their instructions.
- Wire complete system according to this instruction.
- Setup, commission, and operate system according to this instruction to assure a smooth and trouble free start-up.

<http://www.raumboerse-luzern.ch/mieten/bose-lifestyle-18-series-ii-manual>

Normal Smart recovery, which is active in heating mode only, starts earlier This is the factory default. ON—for normal recovery. R and C must be connected for proper thermostat operation. Use to select between AC and HP installations. HP and 2S models This allows thermostat control of Extra relay controls reversing valve. This is factory default. ON—for AC applications. Extra output can be used for 2stage Improper wiring or installation may damage the thermostat. Check to make sure wiring is correct before proceeding with Seal hole in wall to prevent air leaks. Leaks can affect Furnace. Model AC. See Fig. 2. Model 2S. See Fig. 8. Requires Dual Fuel Thermostat. See Fig. 11 Furnace. See Fig. 3. Model HP. See Fig. 4. See Fig. 9. See Fig. 12. Typical Fan Coil. See Fig. 5. See Fig. 6. See Fig. 10. See Fig. 7. See Fig. 13. Variable Speed Model AC. See Fig. 15. See Fig. 16. See Fig. 17. See Fig. 14. See Fig. 18 The large display will now For the next Option 1—Anticipator Adjustment This adjustment controls sensitivity and cycle rate of thermostat. Higher numbers decrease sensitivity and slow cycle rate. Lower However, a limiting Try it first. Do not change setting unless Coil and 1 speed heat pump. When this identifier disappears, normal operation begins. The. MODE control should be set to OFF and FAN control to AUTO, Unlike conventional anticipators, this setting is not determined

by Regardless of setting and number of stages, both heating and Configuration options, like DIP switch settings, are intended to be Manual and therefore must be made as part of the installation. AA description of Option 03—Fahrenheit or Celsius operation Factory default Option 04—Enable fan G ON with any heat W Option 02—Clean filter timer adjustment. Option 05—07—Not applicable Option 08—Auxiliary heat lockout temperature adjustment. Option 09—12—Not applicable. Option 13—Room temperature offset adjustment. Option 2—Clean Filter Timer. Option 14—Not applicable.

<http://www.erejuvenation.co.uk/images/camry-6-speed-manual.pdf>

Carrier
HEATING & COOLING

Programmable Dual Fuel Thermostats

Visit www.carrier.com

Installation, Start-Up, and Operating Instructions

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

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SAFETY CONSIDERATIONS
Read and follow manufacturer instructions carefully. Follow all local electrical codes during installation. All wiring must conform to local and national electrical codes. Improper wiring or installation may damage thermostat.
Recognize safety information. This is the safety-alert symbol. When you see this symbol on the equipment and in the instruction manual, 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 a hazard which could result in personal injury or death. CAUTION is used to identify unsafe practices which would result in minor personal injury or product and property damage.

INTRODUCTION
Carrier's 7-day programmable dual fuel thermostat is a wall-mounted, low-voltage thermostat which provides proper control of a heat pump (HP) and furnace combination without using a HP/furnace interface kit. Separate heating and cooling set points, plus auto-changover allow sub-set programming for maximum energy savings. Up to 4 time/temperature settings per 24 hour period for 7 independent days may be programmed. Batteries are not required; during a power interruption, the internal memory stores program for an unlimited time and the clock continues to run for at least 72 hrs.

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice and without incurring obligations.
Book 1 of 4 PC 101 Catalog No. 0375-TAD Printed in U.S.A. Form TSTAT-1801 Pg 1 10-98 Replaces: TSTAT-951
TAD (Printed)

→ **SYSTEM CONSIDERATIONS**
The dual fuel thermostat is designed to be used only in HP/furnace installations. It replaces a conventional 2-stage HP thermostat and a HP/furnace interface kit. An outdoor temperature sensor, Part No. TSTATXXSEN01-B MUST be used with this thermostat. It is supplied with thermostat.



HEIGHT (IN.)	WIDTH (IN.)	DEPTH (IN.)
4-1/4	7-1/2	1-3/8

→ Fig. 1—Carrier Programmable Thermostat

CAUTION
If HP is not already equipped with a high-pressure switch, one must be added for dual fuel applications. It protects HP from overpressure which would occur if a failure resulted in both HP and furnace operating at same time. Kit No. KSAH0201HPS includes required switch and instructions for its proper installation.

A HP/furnace installation has several special requirements. Foremost is that furnace and HP must not be allowed to operate at same time, except during HP defrost. A second is to have furnace complete a heating cycle once it is turned on. A third is the need to have HP not operate at all when outdoor temperatures are below a certain value. A fourth is to have the furnace not operate at all when outdoor temperatures are above a certain higher value. Finally, HP and furnace must work together properly to provide an efficient and comfortable defrost. These requirements are addressed by the dual fuel thermostat itself and an interface kit is NOT required.

Select hours of blower operation heating, cooling, or fan before. CLEAN FILTER icon is displayed. With OFF selected, icon will Time selection can range Recommended selections are disposable filter—400 to 800 hr, media Option 15—Enable AUTO mode The thermostat is now in Pressing END button will exit The upper small COOL set point display indicates selected The up and down buttons When option number small display is Factory default is 2. The selected number is number of degrees, The thermostat Option 3—Fahrenheit or Celsius Operation. Select between Fahrenheit and Celsius operation. Factory default Factory default is 0. Option 4—Enable Fan G On With Any Heat W This selection determines whether the G fan output is to be on or Most fan coils For these applications, select OF off. Some auxiliary heaters In this case, Option 15—Enable Auto Mode. This option allows the installer to enable or disable AUTO mode When disabled. AUTO icon does not appear when successive presses of MODE HEAT in heat pump systems. Factory default is ON AUTO Option 8—Auxiliary Heat Lockout Temperature. Present in heat pump and 2 speed models only when configured as If OF off is selected, auxiliary heat is If selected, emergency heat Factory default is OF. Before doing the checkout, press HOLD button to turn on HOLD This will assure set points Outputs for each stage of Factory default This will create a cooling demand. A small triangle to the left of Flashing means This will make the triangle Option 13—Room Temperature Offset Adjust. This option allows calibration or deliberate miscalibration of There are various reasons why homeowners may want to have displayed temperature adjusted to a For actual outputs, refer to Table To test, press MODE button until EHEAT icon turns on. This will Raising set point

above Reducing set point below room temperature will turn all heat off.

<http://experience-hr.com/images/camping-manual-pdf.pdf>



If system has 2 cooling stages, it will start on Cool Stage 1 and The INCREASE TEMPERATURE button up and FAN buttons cannot This timer can be defeated by reducing Remember 2 stage HEAT, COOL, EHEAT, or AUTO to provide the desired Energy for both heating and cooling. These provide information for timer descriptions. Defeat timer by pressing. INCREASE TEMPERATURE button up and FAN buttons together. This will make the triangle stay on and turn on Heat Stage The heating and the triangle will turn off within a few seconds. If the system has multiple heat stages, it will start on Heat Stage 1 INCREASE TEMPERATURE button up and FAN buttons If set point is raised more than Use this method If more than 2 stages of heat are Heat. Heat. Cool. TSTAT Model Outdoor Unit Configuration Configuration. Common Fan. Heat Stage 3 Heat Stage 4 Cool Stage 1. Reversing Valve. Hot. Stage 1 Stage 2. Stage 2 See notes 2, 5, and 7 See notes 3, 6, 7, 9, and 11 See notes 3, 11, and 12 Dip Switch C on has no controlling function and can either be. ON or OFF. If required, second stage heat. Refer to indoor equipment Installation Instructions for proper setup. The reversing valve is controlled This provides single stage heat pump. Refer to variable speed fan coil Installation Instructions. Proper Refer to indoor equipment Installation. Instructions for proper setup. Refer to indoor equipment Installation Instructions This timer prevents the compressor from starting unless it has been off for at least 5 minutes. It can be defeated for 1 cycle by simultaneously Fifteen minute Cycle Timer. This timer prevents the start of a heating or cooling cycle until at least 15 minutes after the last start of the same cycle. Its function is to assure This timer is defeated for 1 cycle when the desired temperature is manually changed. It can also be defeated for 1 cycle by simultaneously pressing the FAN mode button and the INCREASE TEMPERATURE button. Fifteen minute Staging Timer.

In multistage heating or cooling, this timer prevents any higher stage from turning on until the preceding stage has been on for 15 minutes. This timer is defeated if the temperature error is greater than 5F usually due to a large change in desired temperature. Three minute Minimum On Time. In normal operation, when a stage turns on, it will not turn off for a minimum of 3 minutes. A minimum difference of 2 degrees is enforced between heating and cooling set points. Auto Changeover. When the auto changeover mode is selected, a change from heat to cool or vice versa will not occur until an opposite mode demand has existed Emergency Heat Mode. When thermostat is configured as a heat pump and emergency heat mode is selected, all Y signals are locked out and W becomes energized Power On Check. When AC power is first applied, all segments of the display are turned on for a few seconds. Following this, the temperature display indicates. AC—1 speed air conditioner, HP—1 speed heat pump, A2—2 speed air conditioner, H2—2 speed heat pump,

HS—1speed heat pump with. Intelligent Heat staging 3stage auxiliary heat. Error CodesE2 — If the AC line voltage drops below a minimum brownout level, all outputs are turned off and the display indicates E2. This conditionIf the AC line voltage disappears completely, the display willOutdoor Temperature. When an outdoor temperature sensor is attached, outdoor temperature can be read by pressing up and down buttons together. While it is. Smart Recovery. With Smart Recovery selected, the transition out of a heating setback begins 90 minutes early, gradually adjusting room temperature so thatCheck sensor for damage. If recycling powerBrownout condition or too low of voltage to thermostat. Double check wiring and check forOutdoor temperature reading out of range and needed for Option 8. Check outdoor temperature sensor and its wiring. Cooling will not come on. Select COOL mode. Decrease cooling setpoint to 10 degrees below room temperature.

<http://www.sg-callenberg.de/wp-content/plugins/formcraft/file-upload/server/content/files/16273e5d59d182---broadview-security-manual.pdf>

Simultaneously press FAN and INCREASE TEMPERATURE buttons to defeat timers. If present, thermostat is OK and problem is withHeating will not come on. Select HEAT mode. Increase heating setpoint to 10 degrees above room temperature. If present, thermostat is. OK and problem is with equipment or wiring. If not present, replace thermostat.Thermostat Model No. A Hardware Configuration. Switch A. Switch B. Switch C. Switch D. B Mode Settings. Hold On or Off. Mode Off, Heat, Cool, Auto, Eheat. Heating Set Point Value. Cooling Set Point Value. Fan Auto or On. C Configuration OptionsTue. Wed. Thu. Fri. Sat. SunA large selection of product, theory, and skills programs is available, using popularFile Type Extension pdf. PDF Version 1.1. Linearized No. Page Count 16. Create Date 19980923 135627. Producer Acrobat Distiller 2.0 for Windows. Your your comfort with simple instructions, responsive push buttons and an The LCD readout will be illuminated and the heating NOTE Read the entire instruction manual before starting the installation. NOTE All Carrier equipment, with the exception of the Ther LCD readout will display either, AC for air conditioner model. 1stage or in the instruction manual, be alert to the potential for person al injury. The Edge Pro thermostat by Carrier is a wallmounted, low voltage control which Tested to Comply with FCC Standards. Thermostat. 33CS42001. 4Z95. CAUTION. Carrier In addition, this manual also has an Index to help you find any information regarding this thermostat. Thermostat. Backlit LCD Display. Override. There are two Base Series programmable thermostat models, one for AC applications. LCD readout will display either AC for air conditioner model. 1stage Carrier offers thermostats and controls for the highest degree of climate control, from temperature to humidity, while staying energy efficient. Carrier Thermostat Manual Online Troubleshooting, Error Codes. Section contents. Visible section tab on the side of the page. Backlit LCD Display.

Showing Products Carrier Thermostat User Manual. Pages 8 Carrier Thermostat Users Manual. Pages 7. Geometry 105 trigonometry and area form, Tissue paper plant project report, Ctk 6250 manual, Labour contract format, 1998 ford ranger locking hubs manual treadmill. Reload to refresh your session. Reload to refresh your session. 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. 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

Homedeal 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 for entrepreneurs, Video resolution convertor. Reload to refresh your session. Reload to refresh your session. NOTE Read the entire instruction manual before starting the installation.HVAC System Compatibility Information..... 3Step 5. Power On the HVAC Equipment.....

20Improper installation, adjustment, alteration, service, maintenance, or useConsult a qualifiedRefer to theFollow all safety codes. Wear safety glasses, protective clothing, andRead these instructionsConsult local building codes and the currentIn Canada, referRecognize safety information. When you see this symbolCAUTION. These words are used with the safetyalert symbol. DANGER identifies the most serious hazards, which will result in severeWARNING signifies hazards, which couldCAUTION is used to identify unsafeThis product is intended to be installed by trained service professionals. This manual explains the procedures for installing the Carrier Comfortt Series WiFi Thermostat. Please read it carefully beforeFor information on how to operate the Comfort Series WiFi Thermostat,The Comfort Series WiFi Thermostat is designed to be mounted on theFailure to do so could result in electric. All wiring must conform to your local electrical code. Mercury Notice This product does not contain mercury. IfThe Comfort Series WiFi Thermostat is designed to operate withThe Comfort Series WiFi Thermostat supports. Up to 2 heat and 2 cool stages on a conventional system. Up to 3 heat and 2 cool stages on a heat pump system. The Comfort Series WiFi Thermostat supports the followingEquipment. SupportedThis product was designed and built in accordance to RoHS directiveFederal Communications Commission FCC. Compliance Notice. This equipment has been tested and found to comply with the limits for a. Class B digital device, pursuant to part 15 of the FCC Rules. These limitsThis equipment generates, usesIf this equipment does cause harmfulReorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different fromThis device complies with part 15 of FCC rules.

Operation is subject toChange or modifications that are not expressly approved by theThis equipment complies with FCC radiation exposure limits set forth forIn order to avoid the possibility ofIndustry Canada IC. This device complies with Industry Canada licenseexempt RSSOperation is subject to the following two conditionsThis Class B digital apparatus complies with Canadian ICES003. RF Exposure Statement. This equipment complies with IC RSS102 radiation exposure limits setThis transmitter must be installedTemperature Ranges. Display. Sensitivity. Operating. Humidity Range. DisplaySensitivity. OperatingDimensions. ThermostatPower ConsumptionThe following table shows the maximum wire lengths allowed. Thermostat to HVAC EquipmentTerminal Description and Electrical Ratings. Terminal. Description. Unused. Voltage. Current MaxReversing Valve. ChangeoverRemove jumper forSee wiring diagrams for additional information.Step 1 — Power Off HVAC Equipment. Step 2 — Remove Existing Thermostat. Step 3 — Install the Wi Fi Thermostat. Step 4 — Connect the Wiring. Step 5 — Power On HVAC Equipment. Step 1. Power Off HVAC Equipment. Before disconnecting the existing thermostat, or installing the Comfort. Series WiFi Thermostat, disconnect the power to the heating and airStep 2. Remove Existing Thermostat. Disconnect the wires to the existing thermostat and remove it from theStep 3. Install the Comfort Series Wi Fi Thermostat. The ideal location for the thermostat is approximately 5 ft 1.5 m aboveDo not install the thermostat. Close to sources of heat such as incandescent lights. In direct sunlight. On exterior, noninsulated or poorly insulated walls. In an area that could restrict air flowMake sure that any existing wires can be inserted through the opening on the backplate.It is recommended to use the included fasteners to ensure proper fitting of the front housing.You need to use lowvoltage cable to connect the thermostat to the. HVAC equipment.

Check the wiring diagrams on the proceeding pagesEnsure any unused wires do not have exposed bare copper conductors. To connect the thermostat to the equipmentEnsure that the pins on the

thermostat align with the terminal Wiring Diagrams. The following diagrams show how to connect the thermostat terminals to Fan Coil Fan Coil Step 5. Power On HVAC Equipment. After you've completed the wiring, you can apply power to the heating The Comfort Series WiFi Thermostat Use the navigation buttons on the right to quickly change the Using the Navigation Buttons. The navigation buttons located on the right of the Comfort Series WiFi Thermostat let you select options and control the thermostat. A left On the Home screen, if Auto mode is enabled, press A For menus, press A to OK On a menu screen, press OK to choose the currently highlighted option. If a configuration option is selected, pressing OK MENU Pressing MENU displays a list of all available options. If you need to type in any information, an onscreen keyboard will To keep your changes, select Save. To cancel your changes, press The first step after installing the Comfort Series WiFi Thermostat is to Equipment. The Equipment settings let you configure the devices connected to the To configure the equipment settings. From the Home screen, press MENU. Select Equipment. Configure the devices connected to the thermostat. Heat Pump Geothermal heat pump Select Yes if you are using a geothermal If you select No, the system will optimize the settings for an air to air heat pump. Min Cycle Off Time Configures the minimum compressor off Min Outdoor Temp Disables the compressor when the outside It prevents the compressor from running You can also set this value to determine The temperature range is adjustable.

Note You need an Internet connection for this feature to operate Allow HP with Aux Heat If you select Yes and there is a source If, after 30 If you select No, the heat pump will be energized for up to 2 This option should also be used for installation where the heat pump evaporator coil is upstream from the This setting is only available when the Comp to Aux Temp Delta Furnace. Allows you to enable and configure up to a 2 stage conventional heat Furnace Type Allows you to configure the type of furnace. This Heat Fan Control Configures the furnace fan to be controlled by Air Conditioner. Configures up to 2 stages of air conditioning. If you require a second This section configures the temperature and time thresholds associated You must configure the Equipment settings page 22 before setting the To configure threshold settings. Select Thresholds. Configure the temperature threshold settings. Enabling this option allows the user to select auto changeover as a The minimum difference between the heat mode set temperature and the Compressor Settings. Min Cycle Off Time Configures the compressor off time between cycles. This ensures the compressor does not short cycle This time is. Min Outdoor Temp Configures the minimum outside air temperature at which the compressor will be disabled. This performs Note You need Aux Heat Settings. Max Outdoor Temperature Configures the maximum outdoor Above this level, the auxiliary heat will. Heat Differential Temp The minimum difference between the The temperature. Heat Dissipation Time The amount of time the fan will run after The default value is 30 Cool Differential Temp The minimum difference between the The temperature. C increments. Cool Dissipation Time The amount of time the fan will run after Running the fan for a period of time The default value is 30 seconds. These options customize how long each stage will run before the next The HVAC equipment will Once the equipment has brought the Options are Auto default and 10 to 120 minutes.

Lets you program an offset between the real temperature at thermostat If you find that the temperature where the The correct temperature is. Installer Code. To prevent accidental modifications to the installation settings, you can This code is preprogrammed to 3262. Test Equipment. These options let you test the wiring and connections of the devices The equipment will turn off when you exit the menu. Compressor protection and minimum runtime features are not To test the equipment. Select Test Equipment. Select OK. Test the equipment connected to the thermostat by turning each You can quickly restore all HVAC equipment settings on the thermostat Any user setting not related to the If you need to reset the entire thermostat back to its original factory Settings instead. To reset the Comfort Series Wi Fi Thermostat. Select HVAC Equipment Settings. Select Yes. Performing a Hardware Reset. In rare circumstances, static electricity or power surges may interrupt the Rebooting the Comfort Series WiFi Thermostat. You

can reboot the thermostat by removing the thermostat carefully fromThe Reminders and Alerts list displays the reminders and alerts that helpNOTE In order to utilize and receive email alerts, this thermostat mustHVAC Service. The HVAC Service maintenance reminder generates an alert telling theThis reminder, along with technician contact information, can beIf homeowners register their thermostats, theYou can set the Last Service date, turn the Reminder On or Off, and setFurnace Filter. Generates an alert that indicates it is time to clean or replace the filter onOn or Off, and set the Frequency of the maintenance interval. UV Lamp. If the HVAC system uses a UV lamp for air purification, the Comfort.

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