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Book Descriptions:

carrier thermostat tstatccpdf01-b manual

Carrier's Thermostat Control is Carrier puts your family's comfort the command center of your indoor at your fingertips with simple weather system. Instructions, responsive push but By providing both tons and an easy to read backlit temperature and humidity control, this sim LCD display. See Back Page for QUICK REFERENCE COMFORT HEAT SETUP INSTRUCTIONS. These units are available for application in systems of 18,000 through 60,000 Btuh nominal cooling capacities. 2 and 3. Factory authorized, field installed electric heater packages are.. Cookie Consent We use cookies to improve your website experience. To learn about our use of cookies and how you can manage your cookie settings, please see our. By continuing to use the website, you consent to our use of cookies. As a registered Guest you will be able to. Post photos, respond to polls and access other special features. If you have any problems with the registration process or your account login, please. We have a new announcement for the New Contracting Technology Bootcamp Click here for the information. Tstatccprh01b Replacement Paurel, There are two setting in that thermostat. One is a backup lockout, that will lock out the furnace from coming on at all if the temperature is above the set temp. Most technicians do not set the backup lockout up and leave this setting on off to let the thermostat decide if the heat pump is keeping up with the demand and if not have the option to run the backup heat. If your thermostat is coming out of a setback from night it is common that backup may be needed to bring the temp back up. The second setting is the balance point temp that locks out the heat pump from running at all below the set temp. Most techs in my area set this setting for 30. When it is below 30 the gas heat will run as first stage and the heat pump will not run until it gets above 30. My dad's setup is set at 15 and it does an excellent job but some homeowners don't like the cooler are that a heat pump produces at lower temps. <http://abhishekgroup.net.in/userfiles/boss-bass-equalizer-ge-7b-manual.xml>

- **carrier thermostat tstatccprh01-b manual, carrier thermostat tstatccpdf01-b manual, carrier thermostat tstatccpdf01-b manual pdf, carrier thermostat tstatccpdf01-b manual download, carrier thermostat tstatccpdf01-b manual instructions, carrier thermostat tstatccpdf01-b manual free.**

It sounds like your dual fuel thermostat is operating normally. Do not use a setback on a dual fuel application until the temp drops below your balance point temp. A heat pump works best at a steady temp. Good luck hope this helps. J. Originally posted by paurel I recently had an Amana heat pump and furnace system installed in my home, controlled by a Carrier TSTATCCPHP01B thermostat. The furnace fires up in the morning 50F outside despite the fact that the thermostat is set to lock out the furnace for outdoor temperatures higher than 35F actually the HP is turned on first and then after 15 min or so the furnace fires up until the set temperature is reached. Is it something wrong with my thermostat. Please help!! Thank you. The regular owners manual doesn't explain the lockout setting. You need the following pamphlet Programmable Dual Fuel Thermostats. Installation, StartUp, and Operating Instructions. You'll find the required instructions at Edited by deme on at 1231 PM. First of all I want to thank everybody for their replies. Furnace is prevented from operating for outdoor temperatures above the selected temperature. If OF off is selected, furnace operation is allowed at all outdoor temperatures. If selected, emergency heat EHEAT overrides this feature. I might get this wrong but I thought that, when this feature is enabled and the outdoor temperature is above the set temperature, the furnace will not operate NO MATTER WHAT except for the EHEAT of course. In my case this doesn't happen. However, proper refrigerant charge and proper air flow are critical to achieve rated capacity and efficiency. Installation of this product should follow all manufacturing

refrigerant charging and air flow instructions. Failure to confirm proper charge and air flow may reduce energy efficiency and shorten equipment

life. <http://l-max.ru/userfiles/boss-aw-3-owners-manual.xml>

STANDARD FEATURES Feature 18302430303036304830603013 SEERXXXXXX Scroll CompressorXXXXXX Louvered Coil GuardXXXXXX Field Installed Filter DrierXXXXXX Front Seating Service ValvesXXXXXX Internal Pressure Relief ValveXXXXXX Internal Thermal OverloadXXXXXX Long Line capabilityXXXXXX Low Ambient capability with KitXXXXXX High Pressure SwitchXXXXXX Loss of Charge Pressure SwitchXXXXXX Armor Plate Condenser Coil ProtectionXXXXXX AccumulatorXXXXXX. For tubing sets between 80 and 200 ft. Horizontal or 20 ft. Vertical differential, consult the Longline Guideline. Note See unit Installation Instruction for proper installation. VAPOR LINE SIZING AND COOLING CAPACITY LOSS 1STAGE HEAT PUMP APPLICATIONS LONG LINE APPLICATION An application is considered "Longline" when outdoor unit is above indoor unit, and 60 ft. 18.29 m when outdoor unit is below the indoor unit. Refer to Accessory or when there is more than 20 ft. 6.09 m vertical separation Usage Guideline below for required accessories. See Longline between indoor and outdoor units. These applications require Application Guideline for required piping and system additional accessories and system modifications for reliable system modifications. Also, refer to the table below for the acceptable operation. The maximum allowable total equivalent length is 250 vapor tube diameters based on the total length to minimize theft. Accessories are required as shown recommended on Long Line Application Guidelines Applications in this area may have height restrictions that limit allowable total equivalent length, when outdoor unit is below indoor unit See Long Line Application Guidelines. Required for Low Ambient Controller Motor Master Control only. Accessory Description and Usage Listed Alphabetically. Ball Bearing Fan Motor A fan motor with ball bearings which permits speed reduction while maintaining bearing lubrication. Usage Guideline Required on all units when Motor Master r is used. 2.

Compressor Start Assist Capacitor and Relay Start capacitor and relay gives a "hard" boost to compressor motor at each start up. Usage Guideline Required for reciprocating compressors in the following applications Long line Low ambient cooling Hard shut off expansion valve on indoor coil Liquid line solenoid on indoor coil Required for single phase scroll compressors in the following applications Long line Low ambient cooling Suggested for all compressors in areas with a history of low voltage problems. 3. Compressor Start Assist — PTC Type Solid state electrical device which gives a "soft" boost to the compressor at each startup. Usage Guideline Suggested in installations with marginal power supply. 4. Crankcase Heater An electric resistance heater which mounts to the base of the compressor to keep the lubricant warm during off cycles. Improves compressor lubrication on restart and minimizes the chance of liquid slugging. Usage Guideline Required in low ambient cooling applications. Required in long line applications. Suggested in all commercial applications. 5. Cycle Protector The cycle protector is designed to prevent compressor short cycling. This control provides an approximate 5 minute delay after power to the compressor has been interrupted for any reason, including power outage, protector control trip, thermostat jiggling, or normal cycling. Evaporator Freeze Thermostat An SPST temperature actuated switch that stops unit operation when evaporator reaches freeze up conditions. Usage Guideline Required when low ambient kit has been added. 7. High Pressure Switch A high pressure switch that protects unit against excessive pressure. Usage Guideline Required in all heat pumps operated in dual fuel applications. 8. Isolation Relay An SPDT relay which switches the low ambient controller out of the outdoor fan motor circuit when the heat pump switches to heating mode. Usage Guideline Required in all heat pumps where low ambient kit has been added. 9.

Liquid Line Solenoid Valve LLS An electrically operated shutoff valve which stops and starts

refrigerant liquid flow in response to compressor operation. It is to be installed at the outdoor unit to control refrigerant off cycle migration in the heating mode. Usage Guideline An LLS is required in all long line heat pump applications to control refrigerant off cycle migration in the heating mode. See Long Line Guideline. 10. Low Ambient Pressure Switch Kit A long life pressure switch which is mounted to outdoor unit service valve. It is designed to cycle the outdoor fan motor in order to maintain head pressure within normal operating limits approximately 100 psig to 225 psig. This device enables the thermostat to display the outdoor temperature. This device also is required to enable special thermostat features such as auxiliary heat lock out. Usage Guideline Suggested for all Carrier thermostats listed in this publication. 13. Outdoor Thermostat An SPDT temperature actuated switch which turns on supplemental electric heaters when outdoor air temperature drops below a user selected set point. Usage Guideline Electric supplemental heat applications in nonvariable speed indoor units when electric heat staging is desired. Usage Guideline Some local codes may require limiting the heating head pressure in the vapor line in some applications. 14. Secondary Outdoor Thermostat An SPDT temperature actuated switch which turns on third stage of supplemental electric heaters when outdoor air temperature drops below the second stage set point. Usage Guideline Outdoor thermostat applications where electric heater is capable of 3 stage operation. 15. Snow Stand Coated wire rack which supports unit 18 in. 457.2 mm above mounting pad to allow for drainage from unit base. Usage Guideline Suggested in the following applications Heat pump installations in heavy snowfall areas. Heat pump installations in snow drift locations. Heat pump installations in areas of prolonged subfreezing temperatures.

All commercial installations. Sound Hood Wrap around sound reducing cover for the compressor. Reduces the sound level up to 2 dBA. Usage Guideline Suggested when unit is installed closer than 15 ft 4.57 m to quiet areas, bedrooms, etc. Suggested when unit is installed between two houses less than 10 ft 3.05 m apart. Usage Guideline Suggested in the following applications Heat pump installations in heavy snowfall areas. Heat pump installations in snowdrift locations. Heat pump installations in areas of prolonged subfreezing temperatures. All commercial installations. 17. Thermostatic Expansion Valve TXV BiFlow A modulating flow control valve which meters refrigerant liquid flow rate into the evaporator in response to the superheat of the refrigerant gas leaving the evaporator. Usage Guideline Required in all heat pump applications 18. Time Delay Relay An SPST delay relay which briefly continues operation of indoor blower motor to provide additional cooling after the compressor cycles off. Note Most indoor unit controls include this feature. For those that do not, use the guideline below. Usage Guideline Accessory required to meet ARI rating, where indoor not equipped. Would you like to try it too Please try again later. Create one here. It is guidelines for energy efficiency., Creators are allowed to post content they produce to the platform, so long as they comply with our policies. United Kingdom. Company number 10637289. Something went wrong. View cart for details. User Agreement, Privacy, Cookies and AdChoice Norton Secured powered by Verisign. Something went wrong. View cart for details. Thermostat slightly used 5 out of 5 stars 5 5 product ratings Carrier TPPRH01B Performance Edge Digital Program. Sell on eBay Sell Programmable Thermostats User Agreement, Privacy, Cookies and AdChoice Norton Secured powered by Verisign. Our Live Chat hours are If you have problems accessing your account, please contact us at 18887574774 and we'll help you out.

Carrier TSTATCCP programmable thermostat combines advanced technology, userfriendly controls and designer appearance. The thermostat conversion kit is available for retrofit 4wire applications. Add item to cart for lowest price. Manufacturers warranty still applies. Join our mailing list to receive exclusive offers and coupons. Auto changeover, back lighting, outdoor sensor included. Bryant Technical Innovation In a Programmable Thermostat Just set it and forget it with the Performance Programmable Thermostat. With simple instructions printed right inside the door, its a breeze to maximize your comfort using this electronic thermostat thats both mercuryfree and batteryfree. ARP changes coming soon. This notice is dismissible, click the top right X and it will vanish. The ARP

Forum will become Pro Member only on September 1, 2020. If you want to continue to view and reply in the ARP you must fill out the Pro application found here. To learn about our use of cookies and how you can manage your cookie settings, please see our Cookie Policy. By continuing to use the website, you consent to our use of cookies. If you have any problems with the registration process or your account login, please contact support. The furnace fires up in the morning 50F outside despite the fact that the thermostat is set to lock out the furnace for outdoor temperatures higher than 35F actually the HP is turned on first and then after 15 min or so the furnace fires up until the set temperature is reached. Is it something wrong with my thermostat. Please help!! Thank you. You need a different thermostat, or your contractor needs to add a fossil fuel kit. But I agree that the thermostat can not control the dual fuel application. This handles AC, HP, A2 for two speed AC, DF for 1 speed dual fuel, D2 for 2 speed dual fuel, and HS for 1 speed heat pump with intelligent heat staging. Integrity is taking it.

One is a backup lockout, that will lock out the furnace from coming on at all if the temperature is above the set temp. Most technicians do not set the backup lockout up and leave this setting on off to let the thermostat decide if the heatpump is keeping up with the demand and if not have the option to run the backup heat. If your thermostat is coming out of a setback from night it is common that backup may be needed to bring the temp back up. The second setting is the balance point temp that locks out the heatpump from running at all below the set temp. Most techs in my area set this setting for 30. When it is below 30 the gas heat will run as first stage and the heatpump will not run until it gets above 30. My dad's setup is set at 15 and it does an excellent job but some homeowners don't like the cooler air that a heatpump produces at lower temps. It sounds like your dual fuel thermostat is operating normally. Do not use a setback on a dual fuel application until the temp drops below your balance point temp. A heatpump works best at a steady temp. Good luck hope this helps. The backup lockout setting is ON and the lockout temperature is set at 35F. The furnace fires up in the morning 50F outside despite the fact that the thermostat is set to lock out the furnace for outdoor temperatures higher than 35F actually the HP is turned on first and then after 15 min or so the furnace fires up until the set temperature is reached. Is it something wrong with my thermostat. Please help!! Thank you. You need the following pamphlet Programmable Dual Fuel Thermostats. Installation, StartUp, and Operating Instructions. Deme, thank you for the link I found the pamphlet and I'd like to quote a small fragment. Furnace is prevented from operating for outdoor temperatures above the selected temperature. If OF off is selected, furnace operation is allowed at all outdoor temperatures. If selected, emergency heat EHEAT overrides this feature.

I might get this wrong but I thought that, when this feature is enabled and the outdoor temperature is above the set temperature, the furnace will not operate NO MATTER WHAT except for the EHEAT of course. In my case this doesn't happen. I have the Carrier Thermostat that I mentioned earlier in the thread and I have it locked out to 5 degrees F. I have electrical fan coil with 15 KW backup heat that doesn't come on until outside temperature is at 5 degrees or lower. The rest of your interpretation is correct. When system is dual fuel heat pump and furnace set to ON. As far as what jrbenny says it's not clear to me in the Thermostat operating instructions in a dual fuel application if the defrost heat can be turned off completely or not. I was under the impression in my application which is heat pump and fan coil with 15 KW of supplemental heat that I could turn off defrost heat completely if 0 was selected under option 12. Could you clear this up for me, please jrbenny. I read here that you are a Carrier expert and would really appreciate your input on this. I did it on my old system. However, if I explain how to wire it, I'll be breaking the site rules. I did it on my old system. However, if I explain how to wire it, I'll be breaking the site rules. No, I wouldn't attempt to rewire myself or would I expect you to break the rules and tell me how to rewire it. Another question though, do you see any problem not having any heat on during defrost. Does this slow down the defrosting or anything like this. Is it harder on the machine. Thanks again for your input. Also I think that my system is already wired this way. When I select 0, I can't feel any noticeable heat, at least at

the supply air registers, anyways. This why I think my system is already wired the way you had your old system wired. If you cant be replaced, you cant be promoted.How can I access these defrost settings that you are talking about. Thank you Thorton, option 10 is not available on my tstat.

Deme, thank you for the link I found the pamphlet and Id like to quote a small fragment. Furnace is prevented from operating for outdoor temperatures above the selected temperature. If OF off is selected, furnace operation is allowed at all outdoor temperatures. If selected, emergency heat EHEAT overrides this feature. I might get this wrong but I thought that, when this feature is enabled and the outdoor temperature is above the set temperature, the furnace will not operate NO MATTER WHAT except for the EHEAT of course. In my case this doesnt happen. How can I access these defrost settings that you are talking about. Thank you Thorton, option 10 is not available on my tstat.A defrost is possible above 50. Not likely to happen often, but its possible.Post Them Here All rights reserved. The programmable line includes the following features Both the WiFi and nonWiFi versions are designed for single or multizone applications. The Infinity Zoning system does not require a bypass damper, leaving air temperature LAT sensor, or a field supplied power transformer. By combining Carrier's variable speed furnaces Model 58MVP or 58CV or fan coil Model FE4, a Carrier outdoor unit, and the Infinity Control this system maximizes comfort, energy savings and peace of mind. At the heart of the Carrier system is our revolutionary Infinity Control. The Infinity Control features the largest backlit liquid crystal display in the industry, making it easier to read, even at night. Intuitive prompts let you program everything from humidity levels to fan speeds, giving you the ultimate control over your home comfort. SYSTX Infinity Zone Control User Interface The Infinity System combines Carrier's best products into the world's most complete residential comfort system. By combining Carrier's variable speed furnaces Model 58MVP or 58CV or fan coil Model FE4, a Carrier outdoor unit and the Infinity Zone Control this system maximizes comfort, energy savings and peace of mind.

At the heart of the system is Carrier's revolutionary Infinity Zone Control. The Infinity Zone Control features the largest backlit liquid crystal display in the industry, making it easier to read, even at night. Intuitive prompts let you program everything from humidity levels to fan speeds, giving you the ultimate control over your home comfort. The Infinity Zone System offers even more precise control optimizing comfort in up to 8 separate zone areas. Infinity Zoning requires the addition of a Damper Control Module to the Zone Control, enhancing homeowner comfort even further. The thermostat conversion kit is available for retrofit 4wire applications. The programmable line includes the following features Standard features The nonprogrammable line includes the following features Features include Plus, it's designed to be easytoview, easytounderstand and easytooperate. Plus, it's designed to be easytoview, easytounderstand and easytooperate Easy to read in various lighting conditions. Precise comfort control. Consistent comfort to the highest level of accuracy. Easyaccess battery replacement. Flipout door for easy battery replacement without removing or disassembling the thermostat. 5Year Limited Warranty. With the largest backlit screen in its class and an easytoread display, FocusPRO prominently displays both room and set temperature. Plus, you'll enjoy features like an easyaccess battery door, a 5year warranty and the reliability you can expect from a Honeywell thermostat. Effortless setup. Program each day separately with no need to copy multiple days. All programming can be done on one screen. Easy to read and use. Large, clear backlit digital display. Precise comfort control. Maintains consistent comfort to the highest level of accuracy. 5Year Limited Warranty. VisionPRO offers you topoftheline features like touchscreen interaction, a realtime clock and a large, easytoread backlit display.

If you want your home to feel as comfortable as it looks, then VisionPRO is the thermostat for you. You'll enjoy the convenience, energy savings and consistent comfort for years to come. You may have to register before you can post click the register link above to proceed. To start viewing messages, select the forum that you want to visit from the selection below. Taking your comfort well

beyond temperature control, the Infinity System Control can manage humidity levels, airflow, ventilation, indoor air quality and up to 8 zones, from wherever you are, with a connected smartphone or tablet. Warranty period is 5 years if not registered within 90 days. Jurisdictions where warranty benefits cannot be conditioned on registration will automatically receive a 10-year parts limited warranty. See warranty certificate for complete details. All the Carrier manuals and user's guides are available for free view without any registration. You can also download the manual as PDF to your computer. Enter your email and subscribe to our newsletter. 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. And replacing one is a very common project, as homeowners swap out older thermostats requiring manual adjustment with newer programmable thermostats that change temperatures automatically at preset times. Contrary to popular belief, the letters do not correspond to wire colors, but rather are used to indicate the various function signals controlled by each wire. These strips of terminals have markings on them to signify the heating connection, the cooling connection, the fan connection, and heat pump connection, as applicable. There is also a terminal that supplies the power to run each of these functions.

However, it's still a good safety precaution to shut off the circuit feeding the thermostat before replacing the thermostat or working with the low-voltage wires. Note that only the thermostat wiring is low-voltage; the circuits feeding furnaces, air conditioners, and heat pumps are either 120-volt or 240-volt, and they should never be worked on while the circuit power is on. Most thermostats follow the standard lettering system shown here, but be aware that the terminals, wiring colors, or the number of wires included in low-voltage cabling for thermostats are not universal. Refer to the thermostat manufacturer's wiring diagram for precise connection information.

RC The RC terminal is the 24-volt cooling power supply. When the thermostat calls for cooling, signals are sent to power up the condenser and the blower fan, cooling your home. When the thermostat calls for heat, a signal is sent to power up the furnace and the blower fan or the boiler, heating your home.

Y1 The Y1 terminal is used for the compressor contact in a single-stage heat pump installation. To make it simpler, you may want to label the wires with small tabs of masking tape before disconnecting the old thermostat. Some new thermostats require no more than two wires and will work fine if the extra wires are left unattached. Your thermostat may also have extra terminals that don't apply to your particular HVAC system; again, it is not a problem if not all the terminal connections are used. Consult the instructions on the new thermostat to determine which connections need to be made.