



## Book Descriptions:

# carrier furnace 58sta070 manual

See warranty certificate for details. Warranty period is 5 years if not registered within 90 days. Jurisdictions where warranty benefits cannot be conditioned on registration will automatically receive a 10year parts limited warranty. See warranty certificate for complete details. See warranty certificate for details. 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. 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.<http://xn--c1ajqxf3c.xn--p1ai/userfiles/bose-cinamate-remote-user-manual.xml>

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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. 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. Find the user manual you need for your home appliance products and more at

Googol exponential form, Pokemon y guide anistar city music, Product description example project feasibility, Rmn u1 manual meat, Num pad symbol guide. Reload to refresh your session. Reload to refresh your session. Change Purolator 2inch thick, highcapacity pleated filters every other month. Warning Carrier recommends you do not perform additional troubleshooting steps you are unfamiliar with. Contact a qualified appliance technician if your heater is still not working. Carrier heaters vary in style, design and efficiency. Like all appliances, they may experience troubles from time to time; the causes vary. However, a few troubleshooting steps can help you solve common problems. If your heater is not working properly, inspect it and troubleshoot before rushing to call an appliance technician. Bringing it back to optimum performance will ensure it performs optimally during those cold days and nights when you need it most. Set the temperature on the thermostat above the indoor temperature. Setting the temperature at least 70 degrees and higher is ideal. Make sure the unit is getting power. Inspect the fan. Press the fan switch on the thermostat to turn it on. If the fan is dirty, vacuum it to remove damaging particles. Check the SSU switch on your heater if the device is still not producing adequate heat. The switch looks like a light switch on a gray box located at the furnace. Change the furnace filter. How to change the furnace filter varies with different Carrier heaters, so refer to your units manual. You can purchase a filter from an appliance, hardware or retail store if you have your units model number. Inspect the return air grilles. If they are dirty, vacuum them to remove dirt, lint, cobwebs and debris. Make sure furniture is not in the way of the return air grilles. Inspect the supply air registers and make sure they are open and blowing air.

References Carrier Support Troubleshooting Guide About the Author Kefa Olang has been writing articles online since April 2009. Related How to Troubleshoot Central Heat How to Check Out a Furnace Before the Heating Season What to Look For When a Luxaire Furnace Is Not Working How to Choose a Furnace Humidifier Help for When a Central Air Conditioning Unit Quits Working What Is an HVAC Vent Limit Switch. Carrier gas furnaces use a safety component known as a flame rollout switch to shut down the appliance when it overheats. If your Carrier furnace turns off unexpectedly, knowing the location of the flame rollout switch can come in handy. Fortunately, finding the flame rollout switch on a Carrier furnace takes just seconds. Serious injury or death can occur if repairs are performed while the furnace is connected to electrical and gas supplies. You can restore the electricity and gas to the furnace when youve completed your troubleshooting or repairs. In upflow models, the top access panel on the front of the furnace shields the burner components, while the bottom panel provides access to the blower components. Remove the burner access panel; pull the panel up and toward you to clear the tabs that hold the panel in place. The burner assembly is mounted to the top of the furnace cabinet. Find the flame rollout switch on the right side of the burner assembly housing. The positioning of the components in downflow models are reversed in comparison to their positioning in upflow furnaces. To access the burner components in a downflow furnace, youll need to remove the bottom front panel. Pull the panel up and toward you to free it. In Carrier downflow furnace models, the flame rollout switch is just above the gas burner. Once the flame rollout switch has been tripped, it must be reset before the appliance can produce heat again. Wait 30 minutes before attempting a furnace reset to allow the motor to cool down.

Press and release the raised red button at the center of the flame rollout switch to reset the furnace. You can press the reset button up to three times before troubleshooting the furnaces internal components or calling for repair service; allow 30 minutes between each reset. Carrier offers a popular line of home furnaces that are available in gas or oilburning models to best suit your heating needs. If your Carrier furnace cycles on and off too frequently, the filter may be dirty or clogged. Locating the filter in a Carrier furnace is a simple process that you can accomplish in just a few short minutes. If you have a Carrier gas furnace, locate the gas valve and rotate it 90 degrees to turn

off the supply. Shut off the electricity to your furnace from your homes main electrical service panel. Locate the circuit breaker switch that is associated with your Carrier furnace. Start by locating the two screws at the top of the main furnace door; remove the screws with a Phillips screwdriver and set them aside. Pull the door toward you while simultaneously lifting up to unseat the bottom of the door from its track; set the removed furnace door aside. Locate the blower access panel at the bottom of the furnace cabinet; pull the panel toward you to remove it. Look for the filter along the sides, top or bottom of the blower cabinet; the filter may be positioned horizontally or vertically, depending on the model. In some models, the filter may be housed in its own compartment that is mounted to the side of the cabinet; open the compartment cover to access the furnace filter. Carrier furnace filters are 1 inch thick, cardboard framed rectangle components that can vary in width and height. Carrier recommends that homeowners check their furnace filters every three to four weeks for optimal furnace performance. Slide the filter out of the furnace; replace filters that appear dirty or clogged.

If your Carrier furnace has a washable filter, rinse the filter under cool running water until clean. Allow washable filters to air dry before reinstalling them in your furnace. Please try again. Please try again. In order to navigate out of this carousel please use your heading shortcut key to navigate to the next or previous heading. Register a free business account Full content visible, double tap to read brief content. Please try your search again later. Eliseo Videos for this product 024 Click to play video Customer Review Cheap Part Benjamin Bertrand Next page Upload your video Video Customer Review Great deal. See full review Eliseo Onsite Associates Program To calculate the overall star rating and percentage breakdown by star, we don't use a simple average. Instead, our system considers things like how recent a review is and if the reviewer bought the item on Amazon. It also analyzes reviews to verify trustworthiness. Please try again later. M. Hadden 5.0 out of 5 stars Those previous parts, clearly marked with Jekel, went bad after a year. Hopefully this one is not made by Jekel no label claiming that it is and will last longer. Changing the old one with this one was a breeze pun intended. One thing to note this is for the motor only. It did not include the pigtail and fan shown in the picture. But you should be able to salvage those from your current setup. Luckily I was able to carefully bend it back straight without any further damage. It spins up and creates the draft, BUT the shaft is bent or warped or maybe the alignment of the bearings and so the entire assembly is slightly off balance, almost guaranteeing premature failure. I thought of returning it to see if a different one had better rotation, but ultimately decided to take my chances since I needed the furnace up and running. It was not hard to replace at all, but would recommend getting the gasket kit as well or possibly some red hightemp silicone.

Also, the main shaft was a little shorter than the original, and so the fan wheel had to be mounted at the very limit of what was possible to still firmly attach with the set screw. You might also want to get a new fan wheel. I was able to get the small allen bolt to break free after soaking in WD40 for an hour, but could easily see a seized setscrew, and thus needing to cut the shaft on the old one to get the mounting plate free for use on the new motor. Make sure you clean up the parts really well, so everything seats nice and flat. At less than half the price of an OEM motor, as long as it lasts a few years, its prob a good value, but only time will tell. Its now completely seized and hums while building up tremendous heat. PROS This product was not too hard to install. It worked great to get us through the winter, but stopped in the spring. And like others have mentioned, I also recommend getting new gaskets to go with this repair. In the video I turned on the furnace, and waited a bit to show the motor seizing. The furnace runs about 90 seconds before trying to start the induction motor, but all you hear is the humming of a seized motor. Works great as described and at a Spectacular price. Hint use penetrating oil on the nut that locks the fan wheel in place, its tough to break loose. Be very careful with the fan itself as well, Dont pry IT, it bends Very easily. It runs quiet a major improvement over the old one with failing bearings. 2 types of wiring harnesses are provided to fit varying furnace models. As others have recommended, its probably best to order the

replacement metal cage fan as well. That fan is exposed to heat and moisture, will likely be heavily rusted and nearly impossible to remove intact or reuseable. You may also need the silicone gasket that is between the fan assembly and the furnace. Fortunately, mine was intact. It was an easy project for me moderately advanced DIYer and saved me some serious money.

The motor looks good and brand new, however, the axel is not perfectly straight so it causes massive vibrations. This echos through the whole house and it is very annoying. It is so loud that we have to speak louder in the living room and the furnace is in the garage. Please fix the part or stop selling it! Do yourself a BIG favor and get a new squirrel cage fan, because you will not get the old one off. After trying to drill out the rusted set screw without success, I ended up getting the sawzall out and cutting the motor shaft. You will also need new gaskets or some gasket in a tube goop. Did I mention that you need a new squirrel cage Yes I did. You're welcome! The tell tale signs before the last one died was loud noises and grinding coming from the bearing of this part. This one is following in the same footsteps exactly. Not durable. Try to find something that'll last a little longer than 5 months. Sorry, we failed to record your vote. Please try again Sorry, we failed to record your vote. Please try again. When you purchase through links on our site, we may earn an affiliate commission. Learn more Image 2 of 20 Carrier image Twostage gas furnaces capture more heat than singlestages and send it through your ventilation, saving you on the amount of fuel you need to pay for to heat your home. Image 3 of 20 Carrier image The Performance 59TP5 is a twostage furnace that operates at up to 96.7 percent AFUE. Image 4 of 20 Carrier image Carrier has six Energy Starcompliant models to choose from. Image 5 of 20 Carrier image You can download owner manuals from the Carrier website if you lose yours. Image 6 of 20 Carrier image The Carrier website has a dealer locator function to help you find an authorized installer. Image 7 of 20 Carrier image Registering your new Carrier gas furnace is essential if you want to be covered by the full warranty. Image 8 of 20 Carrier image Carrier has a line of compatible thermostats that help you use your gas furnace at peak efficiency.

Image 9 of 20 Carrier image The Carrier website is full of informative articles and links to dealers and support agents. Image 10 of 20 Carrier image Each Carrier furnace comes with a warranty. Be sure to refer to the warranty documents that come with your furnace to understand what is covered and for how long. Image 11 of 20 Carrier image The singlestage gas furnaces usually have a fixedspeed blower, which is less efficient than a variablespeed blower. Image 12 of 20 Carrier image There are many things you can do to help your furnace last longer and operate more efficiently. Carrier gives suggestions on its website to educate homeowners about common maintenance and troubleshooting. Image 13 of 20 Carrier image The owner manual gives detailed diagrams of where parts are located for easy reference. Image 14 of 20 Carrier image The Carrier website has information about rebates, incentives and financing options. Image 15 of 20 Carrier image The AFUE of a gas furnace indicates how much of each dollar you spend on fuel can be used to heat your home. The higher the number, the better. The best gas furnaces currently run at up to 98 percent AFUE. Image 16 of 20 Carrier image The touchscreen Carrier thermostats give you control over a wide range of options. Image 17 of 20 Carrier image With a compatible thermostat, you can set up zones in your home and monitor the temperatures. Image 18 of 20 Carrier image If you have a compatible Carrier thermostat, you can use the MyInfinity app or desktop program to control your thermostat from your smartphone or computer wherever you are. Image 19 of 20 Carrier image Many common gas furnace problems can be easily avoided with proper maintenance and troubleshooting. Image 20 of 20 Carrier image The Infinity Touch thermostat uses a backlit screen to let you easily see the display, day or night.

The Carrier Corporation is known worldwide for its line of industrial cooling and forced air heating systems, and its residential gas furnaces provide homeowners with the same high quality. For home heating comfort, Carrier offers three product lines of gas furnaces, namely the Infinity, Performance

and Comfort series. Many of its singlestage and twostage models qualify for Energy Star ratings, and more than half of its models provide energy efficiency up to 96 percent AFUE and above. Carrier is a leader in energyefficient gas furnaces, with nearly half of its models qualifying for Energy Star certification. Five of the singlestage models operate at 80 percent efficiency, with select models performing from 92.1 percent to 96.7 percent AFUE. This is significant savings if your home is small and you dont want to spend much for the initial cost of the furnace. The twostage gas furnaces include two 80 percent models and three that function up to 96.7 percent AFUE. The majority of Carrier furnaces incorporate variablespeed blowers, reducing the amount of energy expended while transporting heat through the ventilation system. The bestperforming Carrier furnaces capture more of the heat generated by burning the natural gas, delivering warmer air but burning less fuel. Carrier offers original owners a generous warranty program with the purchase of a forced air heating system. All 80 percent AFUE models have a 20year warranty covering the heat exchanger, while the higherefficiency furnaces with ratings over 90 percent have a lifetime warranty. Carrier provides a 10year warranty on parts for all its units regardless of efficiency rating. This is a great advantage for homeowners, as you will have less stress if a part fails due to defects. The warranty transfers, with adjustments to 20 years for the heat exchanger and five years for parts, to new owners if you sell your home.

As with most gas furnace manufacturers, you need to register your warranty within a set time disclosed on your warranty documentation to receive full coverage. Fortunately, you can register your newly installed Carrier gas furnaces on the Carrier website, saving you the hassle of filling out and mailing paperwork. The Infinity 98 59MN7 is the best gas furnace Carrier has to offer. This modulating furnace is efficient up to 98.5 percent AFUE, giving you unprecedented efficiency and savings on your home heating bill. The ECM blower motor runs extremely quietly at variable speeds. This air circulator works well with your air conditioning unit, raising its efficiency and assisting with dehumidification during the muggy summer months. As expected, this toptier model is the most expensive gas furnace in the Carrier lineup, and its equipped with the best warranty and heat control versatility. The Performance Carrier midrange lineup is home to quality single and twostage gas furnaces like the Performance 95 59TP5. This Energy Starqualified twostage furnace heats at up to 96.7 percent AFUE, running on a lower blower stage for nearly 90 percent of the time. These features combine nicely to reduce the amount of power and fuel needed to heat your home efficiently, resulting in lower power bills. The 59TP5 is designed with a separate air filter cabinet, making it possible to replace filters without opening the furnace itself.

More on Heating Buying Guides Best electric fireplaces 2020 The perfect way to heat a room Reviews Lasko 5586 Digital Ceramic Tower Heater review Orren Ellis Razo Curved Wall Mounted Electric Fireplace review Northwest 54inch Fire and Ice Electric Fireplace review Muskoka 25inch Freestanding Infrared Curved Front Stove review Home Decorators Collection Highland 40inch Media Console Electric Fireplace review Real Flame Maxwell Grand 58inch Ventless Electric Fireplace review Touchstone Sideline 50inch Electric Fireplace review Xbeauty 28inch Electric Fireplace Insert review Ameriwood Home Carson Electric Fireplace review Carrier offers an affordable line of singlestage furnaces with its Comfort series. The Comfort 95 59SC5 is one of the best gas furnaces of this line, operating at up to 95.5 percent AFUE heating efficiency. This is an excellent efficiency rating for a singlestage unit. The Comfort furnaces have fixedspeed blower motors, which make them run a little noisier than the twostage Carrier furnaces, but because they cost less, the Comfort furnaces are an excellent investment for smaller homes and homeowners on a tight budget. Carrier is a leading manufacturer of home comfort systems and has a wide range of quality, efficient gas furnaces to select from. While it has fewer modulating furnaces than other brands, its expanded lineup of energyefficient single and twostage furnaces with excellent warranties make Carrier gas furnaces a reliable choice to replace your current furnace. Find Quotes from Local HVAC Contractors Need a better alternative You will receive a verification email shortly.

Please refresh the page and try again. You can unsubscribe at any time and we will never share your details without your permission. Visit our corporate site. New York. Then, you can also remove the furnace big panel only, and look and see and hear what happens with the firing up of the furnace.

The exhaust fan should first come on quite soon, then usually a purging time delay, then the ignition process happens for either some glow coil or pilot or sparker, and then a click and the gas valve opens and the burner comes on. Watch for all this stuff then report back. When this happens this means some limit has tripped. Either a possible resettable high limit or a resettable flame roll out switch. If you find any such switch out in front of the burner, or mounted on sheetmetal above the burner area, look to see if it has one of those pins in the middle. Albeit, resetting may not cure the underlying cause. But it WILL get the furnace to run the way it should, at least in the beginning. Furnaces with ignition MODULES do not have such a reset switch actually on the module. But if you have a control board here all that soldered stuff is out there in the open to see then perhaps you have a resettable button right on it it may even say RESET, so carefully eye that, also. I have the same model furnace and I tried to press the button on the flame rollout switch and it did not click or stay depressed. Also, I used a meter to check whether or not the switch is open or closed and it seems to have continuity so the switch is closed. Does this prevent the flame from igniting, etc. If so, what would be the best thing to check next. I reset it and the furnace works fine. Thanks for the advice! I have a flashing yellow light. I would like to add a second similar tank to the installation adjoining the original tank. Specifically 275 Gal above ground indoor tank. Any advice on what I might be looking at to add this second tank. Is it possible to install it in series with the original, etc. Any and all info and advice deeply appreciated. When I set the thermostat to heat, an error code, 31 flashes up. The definition of that error code is pressure switch did not close or reopened. What does that mean. And is this something I need the electrician to check out or can I fix it myself.

Any help is greatly appreciated! We welcome your comments and All rights reserved. You may freely link View our Privacy Policy here. Hold times are long. Most Common Problems Furnace not heating 11 possible causes and potential solutions View solutions Featured Video Video 0352 192,248 721 Furnace is noisy or loud 4 possible causes and potential solutions View solutions Featured Video Video 0149 126,909 286 Furnace starts then stops 6 possible causes and potential solutions View solutions Featured Video Video 0247 226,289 676 Furnace blower not running 4 possible causes and potential solutions View solutions Featured Video Video 0228 192,319 288 Furnace blower runs all the time 2 possible causes and potential solutions View solutions Featured Video Video 0152 181,926 288 The Right Parts for the Job We carry more than 4 million parts from over 175 major brands, so chances are, we've got the part you need. Join Repair Clinics VIP email list for 10% off, plus other discounts and tips. We've got millions of parts, hundreds of brands, and thousands of stepbystep videos— everything you need to find it, fix it and finish the job right. Please consider updating your browser to the latest version of Internet Explorer or Google Chrome. Expert advice from Bob Vila, the most trusted name in home improvement, home remodeling, home repair, and DIY. Tried, True, Trustworthy Home Advice About Bob Newsletters HowTo Center Get Ideas Find Info Discuss It Watch TV Win power tools from Bosch. Major Systems 9 Furnace Troubleshooting Tips from the Pros The next time your gas furnace stops pumping out the heat, before you call in the pros, try to troubleshoot the problem yourself using this handy checklist. By Christopher Solomon and Bob Vila Photo istockphoto.com Now that winter's nearly here, it's time for a pop quiz You wake up in the morning and there's ice on the dog's water dish. What do you do If you had trouble with that one, it's time for a quick lesson on furnace troubleshooting.

Here are nine easy tasks you can perform yourself to try and get your gas furnace—the nation's most popular type—kicking out heat again. STEP 1 Make sure the thermostat is set to "Heat." "This sounds obvious, but it's true A lot of people don't have their thermostat set right," says Bobby Difulgentiz, director of product management for Lennox International. So the first step in

troubleshooting your furnace is to doublecheck that the thermostat is set correctly. “Many thermostats have to be physically set to “Heat,” Difulgentiz says. That switch can easily get moved—say, during dusting. He also advises making sure the set point is at a temperature that will actually turn on the furnace. Give the furnace a minute or so for the fan and the heat to kick on. If it’s still not on, set the thermostat to 90 degrees Fahrenheit. That way it won’t turn on and off repeatedly while you’re troubleshooting. Photo istockphoto.com

**STEP 2** Assess if it’s time to change your furnace filter. Filter-related failures are probably one of the most common furnace problems out there, primarily because homeowners forget about the filters, says Difulgentiz. Filters clean the air headed into the furnace and the heated air sent back into the house. A dirty, clogged filter limits the airflow, eventually causing heat and pressure to build up in the furnace. Newer, more efficient furnaces are sensitive to the problem and will often shut down before a dirty filter causes more trouble. For other units, the furnace will continue to run but with less heat output and reduced efficiency, he says.

**Advertisement** How do you know if this is your furnace’s problem. First, check your filter for obvious dirt. Don’t try to skimp by cleaning and reusing cheap hardware-store filters, says Mike Bonner, a heating and cooling technician and instructor with 35 years of experience who now offers helpful advice at Gray Furnace Man.