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The Rheem tankless water heater code means that incomplete combustion is taking place in your heater or it may be that the water flow is too high.The causes of the E5 code appearing on your heaters display include too much water flow, incorrect gas pressure, blocked air intake, clogged exhaust, dirty air filter, lack of airflow in the room, and corroded heat exchanger.Keep reading our Rheem tankless water heater troubleshooting manual to get rid of the error code ASAP.Table of ContentsIn this section, we will take an in-depth look at the causes behind Rheem tankless water heater code E5 and explore simple solutions.Note: You can also read how to fix the RV Water heater igniter not clicking.problem.Excessive water flow dosent let the water absorb heat as it passes through the heater. Instead, it reaches a lukewarm state that is below the set temperature. This is why the E5 code on the electric tankless water heater is seen.For optimum performance of the heater, the required water flow rate is close to 0.66 GPM. Moreover, you need to ensure that water pressure of 14 psi (97 kPa) to 40 psi (276 kPa) is maintained.At 40 psi water flow will be maximum. To correct the overflow of water you can do the following.Before you begin, check the pressure by inserting a meter into an outside faucet and turning it on. Then, we adjust the pressure regulator.The pressure regulator can be found on the incoming water line, which is normally not far from the water heater. Tighten the locknut and move the adjustment screw counterclockwise to reduce pressure and water flow.The required minimum gas pressure may be different for different models. You will find yours on the water heater rating plate. However, the pressure for every model has to be within 0.5 w.c. or 0.6 KPa for natural gas and 3.5 kPa for LP gas.If the gas pressure is inadequate, incomplete combustion will take place resulting in incomplete combustion. Your heater has a piece of equipment called a gas pressure regulator. As you can tell, it controls inlet gas pressure. You will find it at your gas supply line.Now, grab a flathead screwdriver and look behind the gas regulator. Unthread the cap at the very center of the regulator.Once you have that cap off you'll notice that theres a plastic adjustment inside that increases or decreases the pressure going to that equipment. So stick your flathead screwdriver in to increase the gas pressure, youre gonna go clockwise.Go two turns and check to see if the flame is strong enough. If necessary, turn in more. Press the reset button on Rheem tankless water heater. The code should clear on start-up.Through the air filter, combustible air is fed to the heater. With dust blocking the heater, there will be a lack of necessary airflow resulting in incomplete combustion.Thus, Rheem electric tankless water heater error code E5 will appear on the screen.Remove the air filter and clean it with a rag to get all the loose dirt out. Use a garden hose to rinse the filter down and scrub it with a brush.After it is squeaky clean, let it dry. Well, if cleaning doesnt work, replace the air filter.Watching the video will be helpful for you in the cleaning process.The air intake tube of your heater can be blocked with debris, spider web, dirt, etc. This results in a lack of combustible air and results in incomplete combustion.Take off the filter and check the air intake line to see if it is dirty. Clean it up with a thin wire brush. Keep going at it till the wire brush comes out clean.The exhaust of your heater lets out heat and carbon dioxide from the flame. This allows the flame to breathe and the heater to not overheat. But with a blocked exhaust, this system is jeopardized.The heater gets overheated and carbon dioxide snuffs the burner flame causing incomplete combustion. Thus, Rheem electric tankless water heater E5 code appears.Cleaning your water heater vent is easy if you follow the steps below.Find the vent pipe for your water heater. Wear protective gear if possible to cover your eyes, hands, and body. Use a metal wire or plastic hook to retrieve any dirt that has become lodged.Remove any remaining dirt using the portable vacuum. Replace the cap after cleaning it clean with a sponge or soft cloth.Create any hard objects that could be impeding the pipe heater causing debris to build up inside. Relocate the heater if necessary if there is no air circulation. This is not ideal for a flame.For an electric tankless heater, this shouldnt be much of an issue. But if you have a gas water heater, you may be getting the E5 code because of this.Open up windows and install ventilators if necessary. Clean the ventilators if already in the room in case they are dirty.Rheem tankless water heater E5 error code may also appear because of a corroded heat exchanger that wont produce enough heat and cause incomplete combustion. Calcium Carbonate deposits also impede the performance of heat exchangers.You need to replace your heat exchanger if it is corroded. A heat exchanger with white deposits of Calcium Carbonate can be dissolved chemically.After that, you can reinstall your heat exchanger. To clean your heat exchanger, we recommend a hydrochloric acid-based solvent, like Scalzo. Read more about how to clean scales from heat exchangers.Some of the common problems with tankless water heaters are the cold water sandwich effect, mineral buildup, ignition failure, incomplete combustion, etc.Gas leaks. Due to a gas leak close to the gas valve or gas piping, gas tankless water heaters can create a catastrophic explosion. An electrical spark from any nearby source could be enough to produce an explosion.It will be very hard to run out of hot water if you are using a tankless water heater. Running every faucet at once may overwhelm your heater and fail to heat. However, your heater may also be big enough to take that load as well.Your tankless water heater may run hot and cold due to a broken flow sensor. The flow sensor measures the amount of water entering your system and communicates the data to the control board of your unit.Once a year is good enough. A tankless water heater can acquire mineral buildup over time, which can damage the walls inside the heating chamber of your tank.Hopefully, now you know how to get rid of your Rheem tankless water heater code E5. In case you have more queries about your Rheem heater, you can leave us a comment below. Reddit and its partners use cookies and similar technologies to provide you with a better experience. By accepting all cookies, you agree to our use of cookies and our privacy policy. You can manage cookies at any time. Rheem Tankless Water Heater Error Code E5 is a diagnostic alarm from the control panel. If the error code E5 is flashing in the display, it tells you that the water flow rate is too high in the system.Plus,incomplete combustion isanother reason responsiblefor appearing the code.The tankless water heater will encounter a problem in the combustion system due to a blocked air filter, or from the blockage in the heater venting.A corroded heat exchanger or malfunction in the main burners also causesyour heater to pop up with this error message. Continue reading our following comprehensive guide to getting rid of the error code ASAP.What Does The E5 Code Mean On A Rheem Tankless Water Heater?The E5 error code on a Rheem Tankless Water Heater signifies the excessive water flow rate. 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It is the most common plumbing valve installed in the water line of your house.If you have one installed regulator in your house water pipe and encounter a high water pressure issue, chances are it needs to be adjusted.Follow the below instruction to adjust the regulator:First off, locate and turn the water valve to the off position. You will find a screw or bolt and a locking nut system in the regulator. Loosen the locknut using a wrench by turning it counter-clockwise.Before tightening the locknut, re-test the system pressure using a pressure gauge. If it shows the recommended pressure, secure the lock nut tightly. Finally, turn the main water valve back on.According to Rheem tankless water heater, the error code E5 will pop up when there is a malfunction in the combustion system. That means there is an issue with either combustion air or venting.To continue the heater operation, the system needs fluent airflow to remove the combustion gas. Lack of combustion air is one of the most frequent reasons for throwing the error E5 on the control panel.Anyway, there are some major reasons why the unit is not able to vent or combust air properly. That includes:Blocked air filterClogged condensate trapBlockage in the air intake and exhaust ventsIncorrect installationof the condensateImproper vent lengthIn this troubleshooting stage, you need to visually inspect the venting systems of the water heater and check the condition.Follow the below step-by-step guide to fix the combustion issue from your water heater:Whenever you encounter a combustion problem in your tankless water heater, making the air filter blockage free is a must to fix the issue.Before starting the cleaning, make sure you have turned off your water heater and disconnected it from the power connection.Then remove the front cover of your heater to inspect the internal parts. Locate the air filter from the top right side of the heater. 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So, there will be no chance of pitting the stainless steel.Contact a professional to clean or replace the heat exchanger effectively.If still, the error E5 is displaying on the heater control panel, it is sure the faulty fan motor is now to be blamed.Basically, if you have a power vent tankless water, it uses a blower or fan to continue the combustion operation. It is an essential element of the water heater system, which exhausts the combustion gas and removes excess heat through the exhaust venting.The blower runs through a motor and if it goes bad, therell be no airflow at all. That means a bad motor is interrupting the combustion system, leading to the error E5.To check the blower motor, first, locate it from behind the printed circuit board (PCB) inside of the heater, indicated in the below picture. In this case, you need to inspect the fan motor and check whether it is operational and in good working condition.Replace the non-operation fan motor. 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So, there will be no chance of pitting the stainless steel.Contact a professional to clean or replace the heat exchanger effectively.If still, the error E5 is displaying on the heater control panel, it is sure the faulty fan motor is now to be blamed.Basically, if you have a power vent tankless water, it uses a blower or fan to continue the combustion operation. It is an essential element of the water heater system, which exhausts the combustion gas and removes excess heat through the exhaust venting.The blower runs through a motor and if it goes bad, there'll be no airflow at all. That means a bad motor is interrupting the combustion system, leading to the error E5.To check the blower motor, first, locate it from behind the printed circuit board (PCB) inside of the heater, indicated in the below picture. In this case, you need to inspect the fan motor and check whether it is operational and in good working condition.Replace the non-operation fan motor. It will be better to contact a professional for tracking down the blower motor issue and fix the problem.5. Problem With The Main BurnerIn most cases, malfunction of the main burner system leads to the error code E5 in the tankless water heater. Mainly, the combustion fan forces air to the burner which moves hot combustion gases to the heat exchanger. Then the heat exchanger transfers heat from the burner into the water quickly.Now if the burner assembly is blocked by dust and debris, it will fail to continue its operation, leading to interruption in the combustion system. Then, as a diagnostic alarm, the control panel displays the error code E5.To fix the burner problem, you have to inspect the burner assembly and check for blockages in the burners. Clean the burner assembly. Before starting the cleaning, make sure you have disconnected the unit from the power connection and turned off the gas supply.Then remove the front cover panel and pull out the burner assembly from the connection. Clean the burner ribbons using compressed air. Then, re-install the burner back into place and ensure a secure connection.Once you have done all the above attempts and fixed the error code E5 issue, it is time to clear out the error code. Reset your Rheem tankless water heater unit will assist you in clearing the error code from the control panel.In this instance, follow the below instructions:First of all, press the power button to clear the hard lockout.If that doesn't work, there is an alternative option to rectify the error. Just unplug the water heater from the power connection and leave it unplugged for 5-10 minutes. Then plug it back in. This will reboot your water heater and clear the error from the control panel display.Rheem tankless water heater Error code 11 is the error indication of the ignition failure. Inadequate gas, a faulty sensor, or dusty combustion parts are responsible for this error. You need to clean the combustion parts and make sure that the igniter is functional.An E4 error code in the Rheem tankless water heater signifies a problem with the water temperature sensor. A faulty flow meter sensor and poor or broken wiring connection to the sensor are responsible for triggering the error code E4.Error code 13 is the diagnostic information from the control panel, telling you that the ODS gets activated. Defective ODS thermocouples, dirty or defective flame rods, and incorrect burner manifold pressure are the culprits for popping up this warning message.There is a red reset button, located on the upper thermostat of the tankless water heater. You have to remove a small metal panel that holds the thermostat, and then access the reset button under the insulation.Well! We are almost at the endpoint of this article. In this guide, we have collated the major 5 reasons with solutions to fix Rheem tankless water heater error e5 problem.We hope this effective guide will have proven well in lessening much effort for searching on the internet to find the solution. Through our guide, expectantly, you have solved this problem very easily.Still, if you are facing any trouble, then let us know in the comment box. We will try our best to solve the problem ASAP.

Rheem rtex-24 error codes. Rheem rtex-27 e5 code. Rheem rtex-18 error code e5. E5 error on rheem water heater. Rheem retex-27 error code e5. Rheem rtex 24 e5 error code. What does e5 mean on rheem tankless water heater. Rheem tankless water heater e5 error code. E5 error code rheem electric tankless water heater.