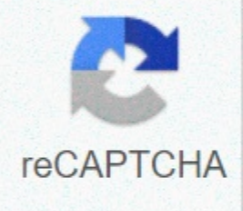




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## 311 nyc hot water complaint

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Draining water heaters regularly allows it to work more efficiently and last longer. Drain the water heater: Turn off the power or gas to the hot water heater. Close the cold water supply valve to the water heater. Connect the garden hose to the drain of the tap to the water heater. Lower the hose out. Open the discharge valve displacement on the water heater. Open the pressure relief valve on the water heater. Allow the water heater to flow out. Close the drain tap of the water heater. Close the pressure relief valve. Disconnect the garden hose from the faucet. Open the cold water supply valve to the water heater. Allow the heater to refill. Turn on the gas pilot light and turn on the water heater, or turn power back on the electric water heater. Watch this video to learn more. Read more VIDEO TRANSCRIPTION Regular discharge of the water heater is the best way to extend its service life and ensure efficiency. Start by turning off the power or pilot light. Turn off the water supply valve to the top of the unit and connect the garden hose to the tap drain at the bottom. Once you open the drain, you will need to pressurized the valve on the top or side of the heater to release the vacuum so that the water will drain. Once the discharge water has removed the sediment in the tank, you can close the drain, turn back on the water and restore energy. TAGShot Water Heater Water Heater Photo: istockphoto.comQ: Although my shower was perfectly toasty when I jumped in, it quickly cooled until there was no hot water left at all-even an hour later. What does he give? A: Assuming no one else has been pinching hot water all day, the problem probably lies in your water heater. First, confirm that your water heater is a suitable size for your daily household needs. These units range in size from about 30 to 80 gallons, with a smaller end of the spectrum ideal for modest single-person needs, half-house settings and a larger end suitable for families with more children. Assuming the water heater is large enough for your family's needs, how you proceed in solving hot water problem will depend on the type of water heater you have, gas versus electric. First of all... Ideal operating temperatures for hot water heaters are between 122 and 140 degrees Fahrenheit. The system, which moves below this range, poses a risk not only of hot water deficiency, but also of the potential for growth of Legionella bacteria, which are responsible for a severe form of pneumonia known as Legionnaires' disease. If the water heater is not yet set to an ideal range, set it. In 30 to 40 minutes you can expect the return of warm water, and within two hours the unit should reach a temperature that will prevent the growth of pathogens. Look at the forecast. A sudden cooling in your area can affect the efficiency of your gas or electric water heater and even cause it to rip out. To do this, most often overnight, when heating sits unused and temperatures dip. If your recent weather is consistent with this scenario and your boiler is still operating, try turning the hot water heater up to its max in order to kick back into the gear. After half an hour, turn on the kitchen or bathroom faucet to see if the water will warm up after a few minutes of operation. If heated, return the hot water heater setting back to normal operating temperature, or even raise a few degrees higher than usual until the cold is over. Some jobs are better left to begged for free, no-commitment estimates from licensed plumbers near you. + Photo: istockphoto.com If it's a gas-powered water heater... If your gas water heater pilot light has been extinguished downdraft in the ventilation duct on a stormy day, or a breeze through an open window, see if you can recreate it with ease as directed permanently attached to the side of the unit. In some cases – for example, when the pilot light of the water heater is in a closed burner chamber – you may need to call a plumber. But if you smell gas while you're clearing up a problem, get it out of the house and call the gas company! Repair the faulty thermoman. If you can successfully turn on the light, but the flame does not remain on when the control knob is released, a thermoman can be to blame - a safety device that turns off the gas flow if it detects that it is off. The tip of this copper pipe should be on fire pilot light; if it is out of line, it may need to be modified or replaced. Fortunately, a thermoman doesn't cost a fortune (a look at the Amazon example), and replacing it can be a diY fix. Revive the blue flame. Isn't your water so much frigid as lukewarm? Does your pilot light burn yellow rather than standard blue? These are signs of a gas-to-air problem. First, be aware that a yellow flame could mean that the boiler releases carbon monoxide, colorless, odorless and toxic gas. Check draughts or open windows that could cause the pilot light to burn inefficiently and correct the fresh situation. If this does not return the pilot to a sharp, blue flame, call a technician to look at the unit. In the meantime, pay attention to any signs of carbon monoxide poisoning (dizziness, fainting, or nausea), and if necessary leave the house immediately seek medical help. Check the gas line. If you do not see either the pilot light or the smell of gas after switching on the valve, the problem may lie at the fuel source. Check that the gas valve is open or closed and wait for the gas line to see if a roadblock may occur. If you have adjusted the gas flow and nothing has improved, call the gas company to ensure that there is a service in your area and that your account is not in arrears. If a gas company assures you that you should have yet turning on the valve still does not produce gas (you will feel it if it is there), then it is probably time to contact a plumber or other professional. If your water heater is running on electricity... The current can spoil due to surges from an electrical storm. Try turning off the power unit for a few minutes and then turning it back on. If after half an hour there is still no hot water, you will need to switch to another solution. Proceed with caution: Make sure the appliance is turned off before trying to repair or even check the water heater. These appliances draw enough power to make accidental electrocution fatal, so work carefully or call a professional. Reset the circuit breaker. If tripped, the water heater's dedicated circuit breaker may not seem to be off, but it may still be just a little messy-not quite in line with others on the circuit breaker. Turn it around, wait 20 seconds, and then turn it back on. A circuit breaker that does not hold the position on may fail from age or overwork. In this case, call a replacement professional. If all else fails... Safety concerns, along with the technical nature of repairing water heaters, mean it's best to leave the work to professionals. If your unit is not on its own circuit breaker -or the circuit breaker needs replacing - call a qualified electrician. Or, if your tank escapes to the ground or inside the heater, bring in experts to put your water heater into operation before it damages the heating elements or stops the thermostat function. Keep in mind that most hot water heaters are only rated for 10 years. If your approaching decade of use, its elements, thermostat, or other components may soon fail and need replacement. It may be smarter to replace the water heater completely and capitalize on the improved energy efficiency that a newer unit would offer. Energy savings alone could be a great time to invest in the new system. Some jobs are better left to begged for free, no-commitment estimates from licensed plumbers near you. + Photo: iStockphoto Winter is just moments away, so now it's time to focus on getting your home on track for the cold months. True, boilers, furnaces and heat pumps are not the sexiest appliances, but without them our homes would be much less pleasant. These behind-the-scenes working horses do their job tirelessly, and each of them plays a significant role in keeping our abodes warm and comfortable. According to department of energy research, most homeowners spend about \$1,900 a year on domestic energy bills, with nearly half that amount going to heating or cooling. By buying more energy-efficient appliances, homeowners can save up to 20 percent a year on their electricity bills. Boiler and furnace 101 Boilers and furnaces heat houses. Most of them are powered by electricity, although in colder climates and furnaces can be smart selections. In the event of a power failure during a snow or ice storm, oil boilers and furnaces can continue to work separately. Furnaces supply heat through a piping system, which is usually shared with air conditioning. That is why central heating and air conditioning units are referred to as air conditioning systems (heat, ventilation and air conditioning). Unlike the furnace piping system, gas or fuel oil burners heat water and create steam that circulates through radiators, floorboards or radiant floor systems. Furnaces and boilers can function for decades, and according to Joanna Yarrow, author of How to Reduce Carbon Footprint, nearly 80 percent of furnaces or boilers in the United States are nearly 30 years old. Given the energy these old men are wasting, it's time to upgrade. Boilers rated Energy Star have an annual fuel efficiency rating (AFUE) of 85 percent, making them up to 15 percent more efficient than standard models. And energy star-qualified furnaces have AFUE 85 to 90 percent, which means they are 15 to 20 percent more efficient than standard models. So, even if Energy Star models cost more upfront, they are less expensive in the long run because they are more efficient and so can help you reduce your energy bills. Tips for smart customers • Look for a sealed combustion boiler, which means it uses outdoor air to drive a burner, reduce drafts and increase safety. • Electric ignition boilers eliminate the need for continuous combustion of the pilot light. • Invest in a programmable thermostat that can be set at energy-saving temperatures for a long time, such as when you are on vacation or at work. Energy Star-qualified thermostats come with four pre-programmed temperatures for the weekend and weekday. • The size rule for central air conditioners also applies to furnaces. Buy the right furnace size for your square shots. Remember: Bigger isn't necessarily better. If the system is too large, it often passes on the bike, which prevents proper heating. To find out what size you need, bring a professional to calculate the heat gain / loss of your home. Photo: iStockphoto Heat pump 101 Heat pump heats and cools the home. In summer, it acts as standard electrically powered air conditioning, collects heat from inside the house, chases it out and then replaces it with cool air. In winter, the process is reversed by depriving the home of cold air. Heat pumps of air sources are usually used in temperate climates. They use the difference between outdoor and indoor air temperatures to heat and cool homes. Geothermal heat pumps are particularly popular right now because they are naturally environmentally friendly and energy efficient. In winter, they get heat from the ground, then transfer heat back to the ground to cool the house in The core of the pump is a refrigerant loop, which is pushed through the vapour compression cycle to shift the heat. Geothermal heat pumps are 300 percent efficient: for each unit of electricity needed for the pump, it provides three units of heat, explains Joanna Yarrow. Energy Star-qualified heat pumps have higher seasonal efficiency ratings (SEER) and heating seasonal performance factor (HSPF) than standard models, which is approximately 8 percent more efficient than new standard models and 20 percent more efficient than older models. Smart Shopper Tips • Bring in to determine the right heat pump size for your home. Sizing should be based on heat loss in the home during cold weather and its thermal benefits during warm weather. • Opt for the highest SEER and HSPF rated pump you can afford. It's going to pay off in the long run. Check out our selection of top eco-friendly boilers, furnaces and heat pumps. Get skinny on the energy-star device stimulation program and figure out how to get a discount on your next heating purchase. This content is created and managed by a third party and imported to this page to provide users with their email addresses. For more information about this and similar content, see piano.io piano.io