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Updated On October 17, 2021! No matter where you live, the days of summer are numbered. Luckily for those who want to keep swimming after the pool season, there's a solution: propane pool heaters! Pool heaters are a great way to get the most out of your outdoor pool. If you're looking for something that will extend swim season, this is it. A typical propane heater can keep water at comfortable temperatures up until two months later than usual and give you more time in those refreshing waters we all love so much. A typical gas-powered pool heater has a combustion chamber that burns either natural gas or propane. These pool heaters usually have copper coils where the pool water passes through and gets heated. The heated pool water is then pumped back to the swimming pool. This makes propane pool heaters an ideal choice for in-ground and aboveground pool owners. Propane heaters can burn about 1 gallon per hour depending on your location and the model of your chosen pool heater. A typical size 20,000 BTU heater can use up to 2 gallons an hour of propane. This means using your propane gas pool heater will cost anywhere between \$8 to \$12 per hour to operate. To heat a 10,000-gallon swimming pool, without using a solar cover, will usually take about 8 to 16 hours. Using our 20,000 BTU pool heater, you can expect to spend about \$64 to \$128 to heat your pool. That's why propane pool heaters are such a popular choice for pool owners. They're also one of the most efficient ways to heat your pool. Propane heaters are usually around 100-200K BTUs, while in-ground ones can be as large as 400K BTU depending on the size of your pool. A larger-sized heater will naturally offer better heating capabilities but may not always work for everyone or every situation due to its high price tag and power consumption rates; it's best to research what type you need before making any purchase decision. The size of your pool determines how many BTUs your pool heater needs. As a general rule of thumb, get at least a 100K BTU heater for every 10,000 gallons of pool water. A solar cover can help reduce heat loss by 95%, which means the size of the propane pool heater and cost for heating is reduced as well. We all know how much fun it is to spend time in a pool. But there are times when the water may be too cold and you want to warm things up a bit, or you're looking for ways to save money on heating your pool. That's where propane heaters come in! We've rounded up some of the best models out there so that you can find one that will work perfectly for your needs. Hayward W3H400FDP Universal H-Series 400,000 BTU Propane Pool and Spa Heater for In-Ground Pools and Spas The Hayward Universal H-Series 400,000 BTU Propane Heater delivers premium heating performance for years of reliable, long-lasting comfort! A durable cup nickel heat exchanger offers exceptional protection against corrosion and premature failure caused by unbalanced water chemistry/industry-leading hydraulic design reduces circulation pump run time to provide energy savings! Front-panel-only access and intuitive control panel provides easy operation, service and maintenance! Hayward's Universal H-Series heaters offer a luxurious option for heating your pool or spa. These heaters are environmentally responsible and safe. They're also designed with safety features like automatic shut-off valves and gas leak detectors. So you can relax knowing your pool is protected from anything bad happening. And they're also really easy to install and maintain. You can even convert them to run on natural gas if needed. The Hayward W3H400FDP Pool Heater is also equipped with a cup-nickel heat exchanger that makes it suitable for saltwater. Raypak 150,000 BTU Swimming Pool and Spa Heater Propane Designed for easy installation on above ground pools, smaller in-ground pools, and spas. Standard 120V, 150,000 BTU power cord or can be easily converted to 220V/Single analog thermostat dial for accurate pool and spa temperature setting/Gas connection is 1/2" NPT and measures 4 5/8" off the ground level The Raypak 150K Propane Pool Heater is the perfect choice for above-ground pool owners. They offer all the features and reliability that you would want in a larger pool heating system but at an easier-to-install, more affordable pool heater. The Raypak gas heater is built with a polyester-coated, non-corrosive cabinet to prevent corrosion. The fins of the heat exchanger are made from a single piece of extruded copper tubing which maximizes heat transfer. The stainless steel tubes also resist rusting to keep your system running smoothly for years with minimal maintenance. Installation of a propane gas pool heater is as easy and inexpensive for any homeowner who knows the basics about plumbing. Find a sturdy surface that's adjacent to the filter system of the swimming pool - preferably with plenty of room around it so the propane heater can get enough air. Once you have the return pipe cut from your pool filter, now its time to put that PVC into your propane heater so there's a way for the pool water to come in and come out. Propane gas is a popular heating fuel for pools, but its always best to leave the installation of propane gas tanks up to professionals. Your first step should be calling one of your local suppliers and telling them what size appliance you want (BTU), they can give you specific instructions from there about how much tank capacity will work depending on your needs as well the connection options available. Propane is a popular choice for pool owners because it contains more energy than natural gas, and you'll consume less to heat your pool. Propane heaters are also very efficient, meaning they don't waste any of the fuel they burn. This means you can enjoy your pool for longer periods of time without having to refill the tank. Plus, propane heaters are also very easy to install and maintain. They're also very safe, meaning you don't have to worry about carbon monoxide poisoning or other dangers associated with natural gas. Propane heaters are also very versatile, meaning you can use them to heat your pool, hot tub, or even your home. They're also very affordable, meaning you can get a lot of bang for your buck. Propane heaters are a great choice for anyone looking to heat their pool. They're efficient, safe, and easy to use. Plus, they're also very affordable. So if you're looking for a way to keep your pool warm during the winter months, a propane heater might be just what you need.

Propane heaters are expensive to run because they often cost between \$3 to \$12 per hour, depending on the local cost of propane. However, they're around the same cost as electrical and traditional gas-powered pool heaters. You can save money and reduce your heaters propane usage by lowering the temperature. Here are a few other ways to save money on your pool heaters propane usage: Service the heater yearly to prevent corrosion and reduced heat efficiency. During my time in the industry, everyone who asked for an annual heater service never had expensive issues. The cost of the yearly service is much lower than replacing an expensive pool part, not to mention the labor and material costs. Place a solar cover on the pool to maintain as much heat as possible. Check out our list of the best solar covers for pools if you want to keep your pool clean and maintained. Solar covers retain plenty of heat while preventing chemical loss and evaporation. Get an efficient pool heater. Some pool heaters have low-efficiency ratings. If your pool heater is inefficient, it'll consume tons of propane. I advise against getting a propane pool heater with an efficiency rating below 75%. They're not worth the initial savings because they require so much propane. The Hayward H-Series Propane Heater is a 150,000-BTU heater that only needs about 1.5 gallons of propane per hour. These heaters have an impressive 83% efficiency rating. This 150K BTU heater works for pools up to 15,000 gallons, but there are many variants that go up to 40,000 gallons. Hayward H-Series Propane Heater It takes between 5 to 15 hours to heat a pool with a propane heater. Numerous factors influence how long it takes, including the outside temperature, the pools temperature, the heaters set temperature, and whether or not you have a solar blanket. Liquid solar blankets and solar rings also help propane heaters. These are the three most common reasons your propane heater is taking too long: Its too cold outside, and you didn't increase the thermostat enough. The pool heater won't ignite because theres not enough propane in the tank. The propane heater might be too small for the swimming pool. The general rule of thumb is to get a pool heater with a BTU rating anywhere from 3 to 7 times to gallon total. For example, a 20,000-gallon pool can have a 60K BTU to 140K BTU heater. People with pool-spa combos and those who run the heater during the winter should opt for the higher end of the range. Jonah has worked for several years in the swimming pool industry installing and repairing equipment, treating pools with chemicals, and fixing damaged liners. He also has plumbing and electrical experience with air conditioning, ceiling fans, boilers, and more. When hes not writing for Temperature Master, hes usually writing for his own website, LawnCareLessons.com and DIYByHand.com. Propane pool heaters arent as common as electric and traditional gas heaters. However, theyre some of the most efficient machines on your pools equipment pad. Its important to know how much propane the heater consumes to ensure youre getting your moneys worth. Propane pool heaters need a steady supply of uninterrupted propane for the entire operation time. A pool heater uses one gallon of propane each hour for every 100,000 BTUs. British Thermal Units determine how much heat it puts into the water. If you have a 400K BTU pool heater, it will need four gallons of propane for every hour of operation. This means it could cost up to \$12/hour or more. In this article, Ill explain how much propane your pool heater needs, how long a standard propane tank will last, and whether or not theyre expensive. Your propane pool heater needs one gallon of propane hourly if you have a 100K BTU heater. However, youll need up to four times that amount if you have a 400K BTU heater. Every hour consumes between one to four gallons of propane. Fortunately, you only need to run a pool heater in the morning or at night. Pool heaters work by burning a fuel source (traditional gas, propane, or electricity). Propane heaters need a lot of propane for continuous operation. If your heater runs out of propane, you wont have enough fuel to maintain the desired temperature. The best way to know how much propane your pool heater needs is to refer to the manufacturers manual. All pool heaters have different heat efficiencies. An efficient heater will consume much less propane than an inefficient heater. A propane tank lasts between 1 to 5 hours for a pool heater. Most pool heaters only need to run for a couple of hours at a time. Youll likely need to replace or refill a standard five-gallon propane tank multiple times a week to maintain a propane pool heater. However, you might need to refill it more often if you have a connected spa. Keep these things in mind: You can get permanent propane tanks that hold a lot more gallons. Permanent propane tanks can hold up to 1,500 gallons of propane, which is 300 times more than a standard tank. If you want to have a pool heater for many years to come, this is the most efficient option. Many places offer discounts for bulk purchases. Propane tanks last longer if the heater is in good condition. Make sure your pool heater is free of debris. Clean the igniter and make sure theres arent any internal leaks. Secure the wire if they get loose, keep an eye on the users maintenance manual, and contact the manufacturer immediately if an error code shows up. Your pool heater wont use as much propane during the summer. The suns heat elevates the pools temperature, which means you dont have to use as much propane. Every degree costs a little bit of propane. If the pool is 20 to 30 degrees warmer in the summer, you wont use very much propane. Pool heaters last much longer when they have a steady flow of propane. A drained propane tank can interrupt the oxygen and propane heating, which slowly corrodes the internal components. Make sure theres always enough propane onboard. Propane heaters are expensive to run because they often cost between \$3 to \$12 per hour, depending on the local cost of propane. However, they're around the same cost as electrical and traditional gas-powered pool heaters. You can save money and reduce your heaters propane usage by lowering the temperature. Here are a few other ways to save money on your pool heaters propane usage: Service the heater yearly to prevent corrosion and reduced heat efficiency. During my time in the industry, everyone who asked for an annual heater service never had expensive issues. The cost of the yearly service is much lower than replacing an expensive pool part, not to mention the labor and material costs. 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