

# OUR ULTIMATE HEATING GUIDE

FROM

**ONE HOUR**  
**HEATING & AIR CONDITIONING**<sup>®</sup>  
*Always On Time...Or You Don't Pay A Dime!*<sup>®</sup>



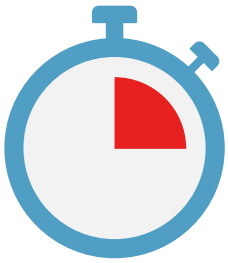
# OUR ULTIMATE HEATING GUIDE

As the weather gets cool, there are few things better than cuddling up on the couch with a warm cup of coffee or tea and a blanket while feeling cozy in your warm house. Unless, the reason you'd be in a blanket and drinking a warm beverage is to warm up because it's freezing in your home!

At One Hour Heating & Air Conditioning, we want to ensure you're comfortable in your home - and that means having your home at a comfortable temperature when it's cold outside. We've compiled some vital heating system information for you as we enter the fall and winter months so you're ready to be warm and cozy in your home.



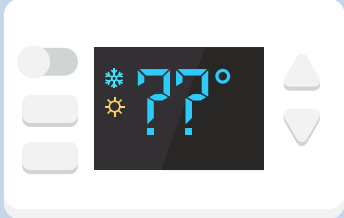


# IS YOUR FURNACE SHORT-CYCLING?



Fall is finally here, and for many homeowners throughout North America, the furnaces are already switching on. We hope your furnace fired up without a hitch this year, because early fall is one of the busiest times of year for furnace service. After lying dormant during the cooling season, some furnaces aren't quite ready to get the job done—especially if they haven't been tuned up for the winter. One common furnace problem is called **"short cycling"**—that's when the furnace starts and stops too quickly and too often. Short cycling is a problem most often associated with air conditioners, but furnaces can suffer from it as well and for similar reasons.

**Here are the three primary reasons why your furnace may be short cycling, as well as the tried-and-true fixes for this annoying and potentially damaging issue.**

YOUR FURNACE IS TOO POWERFUL	POSSIBILITY OF FURNACE OVERHEATING	MALFUNCTIONING THERMOSTAT
<ul style="list-style-type: none"><li>• If the furnace is oversized, it will consume far too much energy while heating your home to your thermostat setting.</li><li>• This overpowered process may also mean that warm air doesn't get distributed properly, which will cause the furnace to turn on again after too short an interval.</li><li>• The short cycling itself is likely to drive up your monthly energy bills, but it also makes for more wear and tear on your HVAC fan.</li></ul> 	<ul style="list-style-type: none"><li>• Your furnace may be shutting itself down prematurely to protect itself from damage related to overheating.</li><li>• When a furnace overheats, it creates the possibility of cracks in the heat exchanger, which can be deadly serious. Cracked heat exchangers can cause carbon monoxide to leak into a home, presenting an immediate risk to life.</li><li>• Overheating is usually a consequence of restricted airflow, which can trap hot air in the area closest to the heat exchanger.</li><li>• This may be because of a dirty air filter, blocked interior vents, or even a blocked exhaust vent on the roof.</li></ul> 	<ul style="list-style-type: none"><li>• If the thermostat is malfunctioning, just about anything can happen. Your furnace might start short cycling, it might stay on all the time, or it might refuse to start altogether.</li><li>• Even if your thermostat is working, it could cause the furnace to short cycle if it's improperly installed close to a significant heat source, such as a stove or a large sun-facing window. This can trick the thermostat into thinking the home is too hot, which can kick off a series of short cycles.</li></ul> 

Short cycling is a serious energy efficiency problem that also increases the physical wear on your HVAC system. If you're struggling to get this issue under control, contact your local [One Hour Heating & Air Conditioning](#) for trusted furnace repair and maintenance services today.

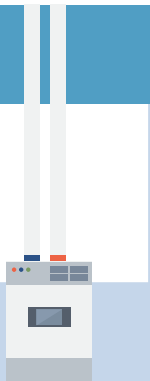
# FOR COMFORT AND SAVINGS, FURNACE SIZE REALLY MATTERS

There are a lot of reasons why you want your HVAC equipment installed by a licensed, certified, and trained technician. Some of those reasons come into play long before the technical challenge of actually installing a new system; the initial task of sizing a furnace to a home is a technical process that requires special knowledge, and getting the calculations wrong can be costly.

## AN ILL-FITTING FURNACE

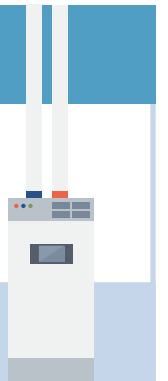
### UNDERSIZED SYSTEMS

Undersized systems will run all the time, racking up huge bills while struggling to heat the home.



### OVERSIZED SYSTEMS

Oversized systems are likely to make some rooms too hot, especially the ones closest to the furnace. They will also cycle on and off too regularly, all but ensuring more frequent repair calls.

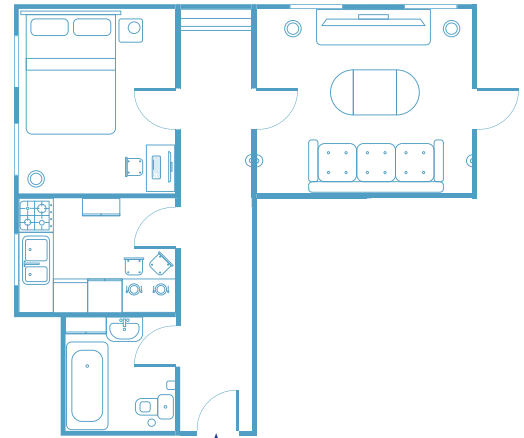


## BETTER DATA, BETTER RESULTS

With so much riding on the performance of your furnace, it's important to get this step right. That is why you'll have a professional's help. An experienced HVAC technician can perform calculations for the furnace size to ensure the best possible fit.

To perform these calculations, a technician will need to take measurements and inspect several elements of the home, including:

- Square footage
- Cubic feet of indoor air space
- Ductwork efficiency
- Integrity of the home envelope
- Sunlight exposure
- Climate zone
- Type and amount of insulation
- R-values and U-values of windows, doors, and other elements



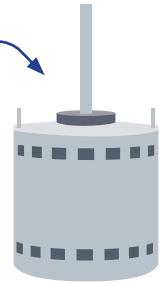
Are you ready to find out what size furnace is a perfect fit for your home? Contact your local [One Hour Heating & Air Conditioning](#) today to schedule a consultation.

# KEY FACTORS IN FURNACE REPLACEMENT PRICE

Is it time for a new furnace? Before you begin the replacement process, it's helpful to understand some of the major factors that affect the price of a new furnace. Even if you find a great deal, furnace replacement is a major purchase, so keep these variables in mind as you start your search.

## CHOOSE YOUR FEATURES

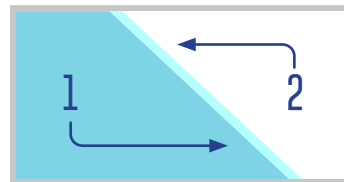
- Advanced features can make a furnace more convenient and cost-effective.
- One of the most popular furnace features is a **variable speed blower**, which allows different fan speeds to help you save during milder weather.
- Another common feature is a two-stage or modulating gas valve, which can help you save over the life of a furnace.



## PICK THE RIGHT SIZE

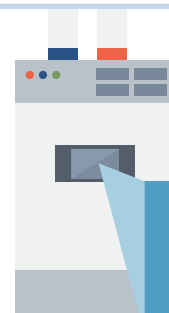
*Check out the article on page 4 to learn more details!*

- In general, the larger a furnace is, the more **expensive** it is.
- Factors involved in this calculation include the size of the home, the available electrical supply, and energy-efficient features like **double-paned windows** and insulation.



## MAXIMIZING EFFICIENCY

- As a general rule, more energy-efficient furnaces may have a higher purchase price than less efficient models, but they cost less to operate over the long run.
- It's almost always preferable to pay for the **high-efficiency model** and reap savings over the coming years. It's better for the environment, too!



**HIGH  
EFFICIENCY**

There are other variables involved, but these factors are among the most significant affecting the overall price. If you're ready to explore the cost, features, and performance of new furnaces in greater detail, reach out to [One Hour Heating & Air Conditioning](#) today.

# THE IMPORTANCE OF HEATING SYSTEM MAINTENANCE

Have you made your heating system tune-up appointment yet? No one can expect a neglected heating system to last. However, a properly maintained heater uses less energy, lasts for years, and saves money by avoiding costly breakdowns. Additionally, regular heater maintenance ensures that your systems are operating safely.

## A HEATING SYSTEM TUNE-UP IS IMPORTANT FOR SEVERAL REASONS:

### IT KEEPS YOUR FAMILY SAFE.



An annual tune-up is a critical safety inspection for problems that could potentially lead to smoke, fire, or other dangerous emergencies.

### IT ENSURES PROPER AIRFLOW.



A check on your air handler is also a typical part of a furnace tune-up, which helps make sure that your HVAC fan is ready for winter.

### IT EXTENDS THE LIFE OF YOUR FURNACE.



The typical furnace lasts around 15 years, but if you don't get your tune-up every year, you likely won't make it to that benchmark.

### YOUR WARRANTY MAY REQUIRE IT.



If your furnace is still under warranty, it's likely that annual maintenance is a condition of keeping that warranty valid.

### IT GETS YOUR FURNACE CLEAN.



If you get your furnace tuned up before you need to use it, you can avoid the smell of burning dust filling your house when you first use your heating system.

### IT HELPS YOU PLAN FOR REPLACEMENT.



Talk to your technician after each tune-up to make a plan for proactive replacement, which will give you time to budget for it.

### IT HELPS YOU SAVE MONEY.



A neglected furnace will lose its efficiency at a much faster rate. Plus, a tune-up gives your HVAC technician an opportunity to find and fix small problems before they turn into big, expensive ones.

Don't get left out in the cold. If you haven't made your tune-up appointment yet, contact your local [One Hour Heating & Air Conditioning](#) without delay.

# HEATER REPAIR, REPLACEMENT AND MAINTENANCE

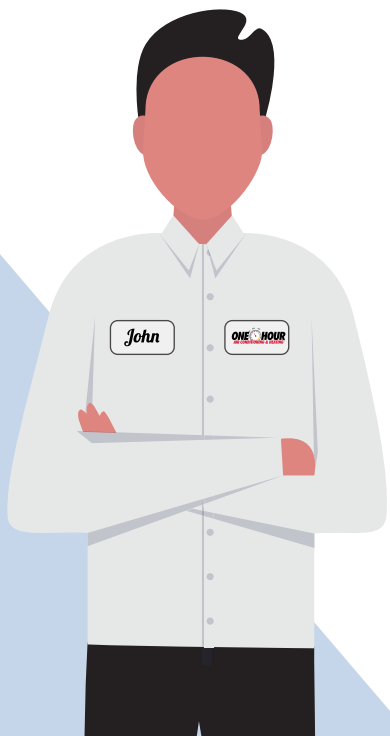
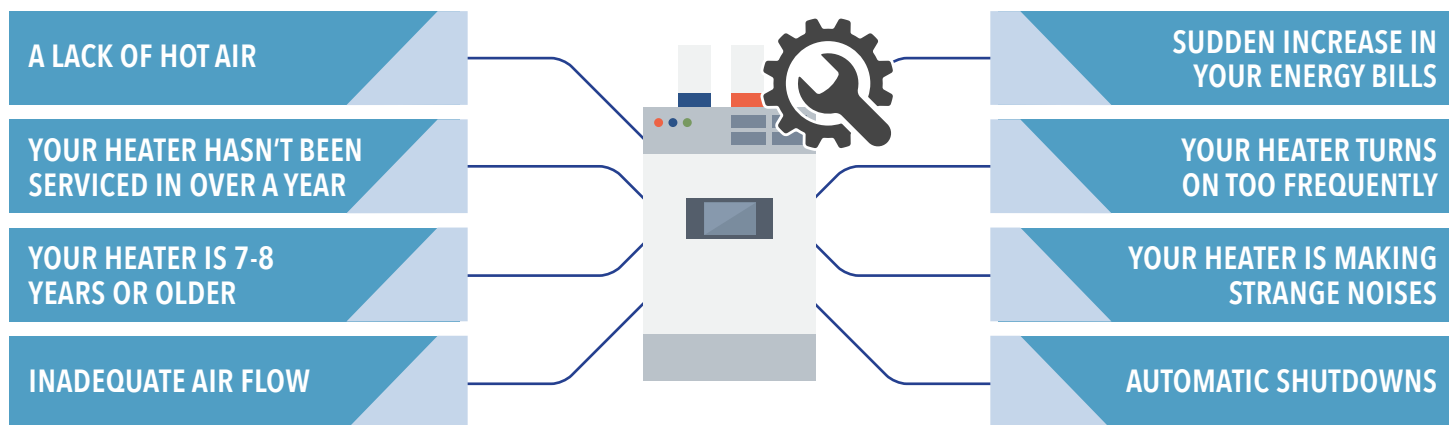
## OUR HEATER REPAIR SERVICES WON'T LEAVE YOU IN THE COLD

At One Hour Heating & Air Conditioning, we know how important it is to have a heating system that you can rely on. Heaters should work as efficiently, reliably, and powerfully as possible to keep you comfy and keep your bills low. We're ready to help you achieve all three with our reliable heater maintenance, repair, and installation services.

### REPAIR

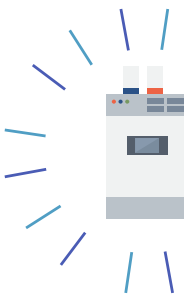
The need for repair does not always present itself through system failure. Instead, small performance issues can indicate that your heater is having trouble keeping up with your usage. Many of these problems can be addressed by our HVAC service technicians.

### SIGNS YOUR HEATER NEEDS REPAIRS INCLUDE THE FOLLOWING:



### REPLACEMENT

When you need a new heater, you need to make sure that you're finding the perfect one for your home. There is no one-size-fits-all solution for every home's heating needs, so you should get the help of the heater installation pros from One Hour Heating & Air Conditioning. Heater installations are not simple, but they don't have to be difficult. Our local teams are heater system experts, so you can be certain that you'll make the best decisions for the heating needs of your home. We'll come to your home and handle the heater installation from start to finish, including the installation of any ductwork your system needs.



### MAINTENANCE

No one can expect a neglected heating system to last. However, a properly maintained heater uses less energy, lasts for years, and saves money by avoiding costly breakdowns. Additionally, regular heater maintenance ensures that your systems are operating safely. Maintenance also provides a yearly tune-up of your system to ensure it is working as efficiently and effectively as possible. We'll lubricate moving parts, make sure your thermostat is working properly, replace old belts, and test how much power your heater is using.

Our HVAC pros are ready to keep your house comfortable and prolong the life of your heating unit. [Visit us today](#) to request an appointment with our team!