

Greetings from Michelle

## What A Gorgeous Summer :)

If you like me and love the hot weather, this was a summer for you! It seemed like it was a constant barrage of hot, humid weather with little to no breaks in between. A great season for the kiddos to spend running through the sprinklers or in the pool.

Now it is time to shift gears, kids are heading back to school and complaining that it will be sooo hot in class. Unfortunately, they do not like my response...which I will keep to myself. As my parents felt the need to constantly remind me that they walked to school 20 miles, in a blizzard most days, uphill both ways and, I'm sure they even went to school in the summer, I feel the need to educate the young ones and put things into perspective for them!

With the hot weather we found our schedule filling up before our eyes. We know that there were times when our schedule was weeks out and we thank EVERYONE for being so patient! Everyone in the company pulled together, worked long, hard hours to get caught back up.

Please enjoy this season's newsletter, it is full of good information. Check out the delicious recipes as well as your pre-season checklist.

Have a safe and happy winter !

— Michelle

## Smart Heating and Cooling

Let's face it—there are many options when it comes to thermostats and indoor temperature control. Some homeowners want to keep their basic thermostat.

Others find that when purchasing a new heating and air conditioning system, they are limited to one specific, and perhaps expensive, smart thermostat. But what if you like

your current thermostat? As more and more homeowners are shifting toward smart home products, they are discovering that their “latest and greatest” home auto-

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## Smart Heating and Cooling Continued....

mation system may not be compatible with their heating and cooling system.

Traditionally, the equipment in your home has had one function-to heat and cool your indoor spaces! It was the thermostat that made it appear that the heating and cooling system was customizing energy-efficient performance. Rather than relying on the thermostat, communicating technology within the circuit board of your equipment uses an algorithm to gather system performance data. It uses this data to automatically

make adjustments that may reduce the amount of energy used to heat or cool your home. It moves the required technology from the thermostat to the heating and cooling equipment.

Armstrong's modulating furnace is one example of this technology! Once you set your desired indoor temperature, homeowners do not need to worry about making manual adjustments to their home's heating and cooling system to ensure top performance. The technology within the heating and/or cooling equipment is

designed to take care of the rest.

With this intelligent technology, you may find that you have many more thermostat options or can even keep the one you have already invested in! The choice is yours! If you are considering upgrading your heating and cooling equipment or merely the thermostat, it is best to seek the guidance of a licensed professional. Professional Heating and Air Conditioning carries a full line of smart thermostats. Call today for information!

**"THE GLOW OF  
ONE WARM  
THOUGHT IS  
WORTH MORE  
THAN MONEY."**

**~THOMAS  
JEFFERSON**

## New Furnace Requirements

Starting July 3, 2019 manufacturers of heating and cooling equipment have to comply with the U.S. Department of Energy's new conservation standards for residential furnace fans. The Department of Energy published a final rule (79 FR 38129) prescribing the standards for residential furnace fans which stated the prescribed energy conservation standards for these products would result in significant conservation of energy and are technologically feasible and economically justified.

What does this mean for you? Although many homeowners may not realize, furnace fans are a significant component of residential electricity consumption.

The Department Of Energy estimates that a typical furnace fan uses about 1,000 kilowatt-hours per year or almost 10 percent of the total electricity use of an average home in the United States. What remains to be seen is if the energy savings justify the significantly higher upfront cost of the ECM motor.

The Department of Energy estimates that the new standards will save an average homeowner about \$340-\$500 over the lifetime of their furnace, even after accounting for the increased upfront cost.

On the downside, when homeowners are faced with a repair vs. replace scenario brought on by the failure of a major com-

ponent, they may have a difficult decision to make.

Higher prices on new equipment may lead homeowners to decide to repair their old unit rather than pay more for an expensive system with an ECM motor.

If your existing furnace is old and you have been putting off the inevitable, you may want to consider your options before the new ruling goes into effect and limits your choices.

Professional Heating and Air Conditioning will continue to keep you informed throughout the transition into the new furnace standards.

## the Home Page

When fall hits, it seems like I am always on the go. Whether I am running the kids around to their various activities or trying to get ready for the holidays, I always find myself scrambling for a quick, easy supper. I found the Tater Tots Casserole and decided to give it a try, even though my kids claim they do not like tater tots. They loved it and are none the wiser as to what is in it! What I like is that it is easy to prepare.

The Garlic Toast Pizza is something different than the go-to frozen pizzas. I can make this at the last minute with ingredients I always have on hand and within 15 minutes, supper is done. If your family allows, add some fresh mushrooms, peppers and onion!

I hope you enjoy making these recipes as well as eating them.

~Michelle

### TATER TOTS CASSEROLE

- 1 (32oz) PACKAGE FROZEN TATER TOTS
- 1 LB GROUND BEEF
- 1 CUP CHOPPED ONION
- 1 TSP GARLIC POWDER
- 1/2 TSP BLACK PEPPER
- 1 CAN CONDENSED CREAM OF MUSHROOM SOUP
- 1/2 CUP MILK
- 1-1/2 CUP GRATED CHEESE

PREHEAT OVEN TO 350°. SPREAD 20 TATER TOTS IN 9x13 CASSEROLE DISH. BAKE IN PRE-HEATED OVEN UNTIL WARMED THROUGH, ABOUT 10 MINUTES. HEAT IN A LARGE SKILLET GROUND BEEF AND ONION. ADDED GARLIC POWDER AND BLACK PEPPER. IN SEPARATE BOWL, COMBINE SOUP, MILK AND 1/2 CUP CHEDDAR CHEESE. SMASH THE WARM TATER TOTS. SPREAD THE BEEF MIXTURE OVER THE TOP OF THE TATER TOTS. POUR SOUP MIXTURE EVENLY OVER THE BEEF LAYER. TOP WITH REMAINING TATER TOTS. SPRINKLE WITH 1 CUP CHEDDAR CHEESE. BAKE 30-40 MINUTES OR UNTIL THE TATER TOTS ARE GOLDEN BROWN.

### GARLIC TOAST PIZZA

- 1 PACKAGE FROZEN GARLIC TEXAS TOAST
- 1/2 CUP PIZZA SAUCE
- 1 PACKAGE OF SLICED PEPPERONI
- 2 CUPS SHREDDED MOZZARELLA CHEESE

PREHEAT OVEN TO 425. PLACE TEXAS TOAST IN BAKING PAN. BAKE FOR 5 MINUTES. SPREAD TOAST WITH PIZZA SAUCE. TOP WITH PEPPERONI AND CHEESE. BAKE FOR AN ADDITIONAL 5 MINUTES.



## Holiday Hours

*Our office will be closed for the celebration of the following holidays:*

### THANKSGIVING

Thursday, Nov. 22

Friday, Nov. 23

### CHRISTMAS

Monday, Dec. 24

Tuesday, Dec. 25

### NEW YEARS

Monday, Dec. 31

Tuesday, Jan. 1

*24-hour emergency service is always available by calling our office during non-business hours.*

**"HAPPINESS IS NOT SOMETHING YOU POSTPONE FOR THE FUTURE; IT IS SOMETHING YOU DESIGN FOR THE PRESENT"**

**-JIM ROHN**

## A Message From Brian



In light of this years blizzard in APRIL, I would like to talk about snow and snow drift dangers. It is extremely important to make sure that snow accumulation and/or snow drifts do not block exhaust vents for your clothes dryer, furnace, hot water heater and your chimney. Not doing so could have expensive and potentially deadly consequences.

A clothes dryer's job is to remove moisture from clothes, therefore the moist hot air must be vented. If the exterior vent is covered with snow and ice, there will be a buildup of heat which could cause a fire.

Sidewall venting is common with high efficiency furnaces. Think of these vents as breathing devices for your furnace or water heater. If the safety switches are not working properly, vents that are blocked with snow and ice will cause a buildup of carbon monoxide and your equipment will fail. I cannot stress enough how important it is to have yearly maintenance checks on your furnace. If your safeties are not tested, you will not know if they are working properly.

Never start a fire in a gas fireplace if the chimney is blocked. Air will not pass through as it should and once again, you are running the risk of carbon monoxide.

Most importantly, make sure you have working carbon monoxide monitors in your home.

*Brian*

## Ten Plants That Remove Toxins

They are as follows:

- \*Aloe Plants, Bamboo Palms, Spider Plants, and Boston Ferns—Remove formaldehyde
- \*Gerbera Daisies—Remove benzene
- \*English Ivy—Remove benzene and formaldehyde

\*Queen Fern—toluene, formaldehyde and xylene

\*Moth Orchids—Remove VOCs

\*Mums and Peace Lilies—Remove benzene, trichloroethylene, formaldehyde and ammonia.

**\$10 OFF**

The purchase of a Bi-Annual Service Agreement !



Offer good through Sept. 1, - Dec. 31, 2018

**\$15 OFF**

Your next emergency service call !!



Offer good through Dec. 1, - Mar. 31, 2019

## Your Pre-Season Checklist

Remember to always check the following items before the cold weather hits...

- √ Turn your thermostat to the heat position.
- √ Change your batteries in your thermostat and smoke detectors.
- √ Look at your furnace filter and change if necessary.

Rule of thumb...You must be able to see through it.

- √ Turn your humidifier on and open the damper.
- √ Make sure your venting is clear and free from obstruction.
- √ Call Professional Heating and Air Conditioning to schedule your preventative

maintenance.

**Important Tip:** If your equipment fails *do not* reset power at the furnace, thermostat or circuit breaker. With the newer technology valuable information is stored within the circuitry and it may be lost when the unit is turned off.

**"HOUSEWORK CAN'T KILL YOU, BUT WHY TAKE THAT CHANCE?"**

## Focus On Energy Incentives

You can save energy and money without sacrificing comfort. Studies suggest that smart thermostats save up to \$120 annually and typically pay for themselves in two years. You can also save energy and money by controlling your home's system wherever you go. Lower your home's temperature from work a couple of degrees or warm the house before heading home. Some smart thermostats notify

you when the system isn't operating at its peak. You'll know when to change a dirty filter or when it is time to schedule your annual maintenance before you need a costly repair.

Focus On Energy is offering a \$75 cash incentive when you have a licensed contractor install a smart thermostat in your home!

If you are considering a new system, Professional Heating

and Air Conditioning will install a smart thermostat for no additional charge when you purchase qualified equipment. Focus On Energy will then issue a check for \$125. This is in addition to other Focus On Energy incentives and rebates that you may receive!!



# Professional Heating and Air Conditioning

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**WE'RE ON THE WEB!**  
**WWW.PROHEATING.COM**

When it comes to heating and air conditioning, a fair weather friend won't do. Come to the company you can rely on...a company founded on a dream, expert knowledge and hard work. Come to Professional Heating and Air Conditioning. We work every day to give you the very best!

**You Can Always Depend  
Upon A Qualified  
Professional!**

## The Internet and Your Heating Needs

The Internet is a tremendous resource offering access to a wealth of information on virtually any product or service. While we recommend using the Internet for researching heating and air conditioning, we strongly urge you to be wary of sites offering such products for direct sale. These sites will require you to arrange for the installation yourself and typically do not include any part or labor warranty coverage on your purchase.

Heating and air conditioning

systems, as well as indoor air quality equipment, are intended to be installed by qualified professionals only. These systems include electrical, gas, and refrigeration connections, which are regulated by a variety of laws, building codes, or guidelines. Failure to properly install a system can lead not only to performance issues, but also safety concerns or property damage. There are also governmental requirements that, if not met, can result in significant fines.

Professional Heating and Air Conditioning will not install any equipment that a homeowner has purchased directly from another source, including the internet. We have personal relationships that we can rely on versus "calling" upon the internet to resolve an issue. We cannot provide proper customer service if it is a product that we are unfamiliar with or do not have ability to offer continued support should a warranty issue arise. Before investing in a purchase from the internet be sure to do your homework first!