

YOUR PROPANE CONNECTION IN MINNESOTA

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ARE THESE HEATING MYTHS HOLDING YOU BACK?

MYTH 1

HEAT PUMPS ARE EFFICIENT IN COLD CLIMATES.

TRUTH: A high-efficiency propane furnace alone can cover all of a homeowner's heating needs. The colder it gets outside the less efficient heat pumps become and most shut off below freezing (32 degrees). Why buy two heating systems when one will do the job for less money and in any temperature.

MYTH 2

GEOTHERMAL OFFERS LOW-COST HEATING.

TRUTH: Geothermal is expensive to install, with payback periods longer than many owners stay in their homes. A high-efficiency propane furnace delivers consistent heat with a lower upfront cost.

MYTH 3

COMFORT LEVELS DON'T VARY BY HEATING TYPE.

TRUTH: Propane furnaces deliver consistent hot-air supply temperatures throughout the heating season, regardless of the weather outside, and they can be zoned to heat rooms to owners' preferences.

LOW ANNUAL ENERGY COSTS

The research showed that a high-efficiency propane furnace offered lower annual energy costs compared to several other options.

\$1,650 high-efficiency propane furnace energy costs

10% LOWER than standard-efficiency air source heat pumps

14% LOWER than heating oil furnaces

PROPANE VS. HEAT PUMPS AT A GLANCE

- Federally mandated minimum efficiency levels for air-source heat pumps have increased on a national basis for all units manufactured on or after January 1, 2015.
- A high-efficiency propane furnace coupled with a standard A/C system still offers energy savings over the new higher efficiency heat pumps.
- Total costs for the new, more efficient heat pump system are about 20 percent higher than for the 92 AFUE propane furnace with a 13 SEER central A/C system.
- The new higher efficiency heat pumps still produce more CO₂ emissions compared with a high efficiency propane furnace with a central A/C system.
- In most climate zones, heat pumps produced less-than-comfortable heat nearly 60 percent of the time. Propane consistently delivered comfortable heat in all climate zones.*

DID YOU KNOW?

- Walter O. Snelling, who was a chemist, recognized propane as a volatile component in gasoline in 1910.
- Propane in its natural state has no color or odor. Ethyl mercaptan (the rotten-egg smell) is added to propane so it is more easily detected.
- Propane will not ignite when combined with air until the ignition source reaches 940 degrees Fahrenheit. This makes propane safe to transport in tanks.
- Propane is listed as an alternative fuel by the 1990 Clear Air Act and the National Energy Policy of 1992. It is also not listed as a greenhouse gas. In the event of a propane gas leak there will be no damage to the air, soil, or water and won't hurt marine or plant life.
- About 90% of the propane supply in the United States is domestically produced. In fact, our propane supply has become so abundant that the U.S. is now a net exporter of propane!
- Finally—Close to 90 percent of professional chefs say that they prefer to cook with gas because of the precise and instant temperature control and even cooking. Propane can do that—you can be a chef too! Ok, maybe not, but with your new propane stove—you can practice becoming your own personal chef!

BBQ CHICKEN STUFFED BREAD

- 3 cups shredded chicken (I use rotisserie chicken)
 - 1 1/2 cups shredded mozzarella cheese, divided
 - 1/4 of a red onion, chopped
 - 1/4 cup chopped fresh cilantro
 - 3/4 cup barbecue sauce, divided
 - 1 baguette crusty bread
1. To a large mixing bowl, add chicken, 1^{1/4} cups mozzarella cheese, onion, cilantro, and 1/2 cup of barbecue sauce. Stir well to combine. Add a tiny bit more barbecue sauce if the mixture seems too dry.
 2. Cut the top edge of the bread loaf off and hollow out 1^{1/2} inches deep to create a well for the filling. Spoon the BBQ chicken mixture into the loaf. Sprinkle with the remaining 1/4 cup mozzarella cheese. Drizzle with remaining BBQ sauce.
 3. Place on a baking tray and grill at 325 degrees F for about 20 minutes, or until warmed through.

WIN 400 GALLONS OF PROPANE

Just read the articles in this newsletter, correctly answer the three questions below, and we'll enter you in a drawing!

Complete the form below and mail it back to us at:

12475 273rd Ave NW
Zimmerman, MN 55398

Drawing will be held December 1, 2021.

1. New higher efficiency heat pumps still produce more compared to a high efficiency propane furnace with central A/C system.
2. True or False Geothermal offers low-cost heating?
3. How does propane smell in its natural state?

Name
Address
City State Zip
Phone
Email
Your Propane Dealer

No purchase necessary. Employees of MPA, its affiliates, agencies, or vendors may not enter. Drawing will take place Dec. 1, 2021.

The winner of the propane powered generator, in the Spring edition of "Your Propane Connection in Minnesota," was a customer of Crystal Valley, Mankato, MN.

Congratulations and thank you to everyone who took time to participate!

You can also fill this out online at: <http://discoverpropanemn.com/form/view/23566>

SAFE APPLIANCE INSTALLATION INCENTIVE PROGRAM:

New home in your future? Planning on building exactly what your family wants/needs? Why not consider lowering your carbon emissions with PROPANE?! Apply for an incentive and protect the environment at the same time.

Contact your propane company for a full set of rules/terms and an application.

Appliances (purchased and installed within 90 days of postmarked date of application)

\$500	Propane Water Heater New Construction or Change of Energy Source
\$200	Propane Water Heater to New Propane Water Heater
\$200	Furnace/Boiler New Construction Only
\$100	Propane Garage Heater in New Construction or Initial Install

EXCEPTION: Any structure or system that incorporates an alternative source of energy or vent free products are not eligible. Alternative source of energy is defined as a source of energy, other than propane, that heats a structure or water.