



Your Healthy Home

What exactly is a heat pump?

A heat pump starts out as an air-conditioner. We add a few more components to allow the unit to not only cool your home in the summer, but heat your home in the winter. With a heat pump we are actually cooling the air outside (removing the heat from the air) and transferring the heat inside (rejecting the heat from the air.) That's just the opposite of the way we air-condition your home in the summer. It's much cheaper to transfer heat than it is to create heat by burning gas or using electric resistance heating elements. Up to 4 times cheaper!

Get 6 months same as cash financing on new systems!

Purchase a new Trane comfort system and get 6 months same as cash no payments financing. Call us for details.

682-1300



When Is It Time To Replace My System?

Well, that depends on several factors. Some questions you need to answer are: How comfortable is your home? Are there areas that are warmer in the summer and colder in the winter? Is your system noisier than you would prefer? Are there large temperature swings in the home when the furnace and air-conditioner cycle on and off? Do you have family members with respiratory problems? Is your home too humid in the Summer months? Has the system been reliable, or have you spent a lot in repairs? How efficient is your current system? And finally, how old is your current system? If there are concerns in more than a few of these areas, it may be time to consider replacing your current system.

The average person is in their home 12 hours or more every day. Isn't the comfort level and air quality in the home just as important as the cost to heat and cool a home? Current heating technology has provided us with multi stage heating furnaces. This means your furnace can run on a low heating stage most of the winter providing constant gradual heat to the home, resulting in less temperature swings and more even temperatures throughout your home. High-efficiency variable speed fan motors can be ran continuously on an unnotice-

able speed to substantially even out the temperatures in the home and provide 24 hour a day air cleaning. Two stage air-conditioning units are also available and will result in better dehumidification as well as increased comfort levels in the home.

How much can you save annually in an average home by replacing older equipment with a new energy efficient system?

Description	Heating Cost Nat. @ \$1.40 / Therm	Heating Cost Lp. @ \$2.75 / Gal
60% Furnace	\$ 2639	\$ 5243
80% Furnace	\$ 1662	\$ 3276
93% Furnace	\$ 1424	\$ 2792
80% w/ 14 Seer Heat Pump	\$ 1121	\$ 1996
93% w/ 14 Seer Heat Pump	\$ 994	\$ 1745
Electric Heat w/ 16 Seer Ht Pump	\$ 513	\$ 513
Geothermal Heating System	\$ 513	\$ 513

Cooling Cost

8 Seer	13 Seer	14 Seer	15 Seer	16 Seer	19 Seer
504	310	288	269	227	202

How Often Should I Have My Furnace Serviced?

We recommend annual furnace maintenance. The primary reason to get your furnace checked is safety. You never know when a problem will develop with the venting system, combustion air, heat exchanger or gas valve that could cause elevated levels of carbon monoxide. Since carbon monoxide can kill you, we really

don't want your furnace to produce any! A secondary reason to have the furnace cleaned and performance tuned is efficiency. An improperly tuned furnace will cost more to operate. We use combustion analyzers to dial in efficiency and ensure safe operation. Isn't your families safety worth the price of a heating check?

Options For Clean, Healthy Air



Maintaining the proper humidity levels in your home in the winter months is important to both your health and the health of your home. Keeping humidity levels in the home between 35% and 45% will help you breathe easier by keeping nasal passages more moist. Your skin won't feel as dry either. Extreme low humidity levels will result in getting shocks when you touch doorknobs, etc. Any wood furniture, flooring, etc. in the home won't dry out if you keep proper humidity levels. Ever notice more dust in the Winter? That's because carpet and clothing fibers break off easier when they're dry, resulting in more dust in the home. Next time you dust, take a look at the dust. You'll notice it's fibrous, not specs of dirt. \$499 is the installed cost for a humidifier.

Concerned with healthy indoor air? If so, you need to be concerned with removing particles in the air that are 2.5 microns and smaller in size. These microscopic particles work their way deep into your lungs and cause numerous problems. The standard for rating air cleaner efficiency is their effectiveness at removing .3 micron particles. A 1" fiberglass filter is <1% efficient. A 1" pleated filter is 7% efficient. A 5" pleated filter is 15% efficient. The Trane Clean Effects (pictured above) is 99.98% efficient. In fact, it's so efficient that it can remove the influenza virus—WOW!



If you have a question or topic you would like us to discuss in a future newsletter—just shoot us an email!

Special Coupons

Furnace Safety Inspection and Performance Tune-Up...(With Combustion Analysis)

Thru January 31, 2009

\$89.00

- Check for adequate combustion air.
- Check for proper venting.
- Check combustion efficiency.
- Check integrity of the heat exchanger.
- Check safety controls.
- Clean burners & surrounding area.
- Tune furnace for lowest Carbon Monoxide production and maximum combustion efficiency.



Indoor Air Quality Test Special...

(Includes Radon Testing)

Thru January 31, 2009

\$179.00



According to the EPA air pollution in the home can be two to five times higher than outdoor levels. 50% of Americans live with someone who has allergies, asthma or other respiratory conditions. Indoor air quality is one of the top five most urgent risks to public health. Visit the indoor air quality section of our website for brochures and additional information!



1322 N. Brookview Farms Lane
Metamora, IL 61548

Peoria • Washington • Pekin
682-1300 444-2255 346-4800

Comfort-Specialists.com
Comfort@Mtco.com

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