

Turning your
house into
your dream
home

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*Every now
and then it's
a good idea
to bring in a
professional
to do an
overall sys-
tem mainte-
nance check.*

DOING IT RIGHT

With help from D4 Construction

Is Your Home Energy Efficient?

Reducing high energy bills with efficient heating and cooling...

As much as half of all the energy used in your home goes to heating and cooling.

With the average home energy bills running around \$2200 per year or \$183 per month—making smart decisions about your home's heating, ventilating and air conditioning systems can have a big effect on your utility bills and comfort.

Energy efficient and well maintained equipment can save you as much as 20% or \$440 annually on your total energy costs.

Maintaining your equipment—

Dirt and neglect are the #1 cause for heating and cooling system failures—one of the most important steps you can take to prevent problems is regular maintenance.

Keep heating and cooling systems at peak performance by:

- ⇒ Cleaning or replacing the air filter approximately once a month
- ⇒ Periodically bring in a professional heating/cooling contractor—in the spring for your air conditioning—and in the fall for your heating systems

An overall system maintenance checklist—

Here's a list of items you or your heating/cooling specialist should check on a regular basis:

- ⇒ Take a moment to inspect, clean or replace the air filters in your air conditioner, furnace and/or heat pump every month—at a minimum change the filter every 3 months
- ⇒ A dirty filter will slow down air flow making the system work harder—wasting energy and causing extra wear
- ⇒ A clean filter will prevent dust and dirt build up in the system—which could damage it—leading to expensive maintenance and/or system failure
- ⇒ Check to see that the thermostat turns your heating and cooling system on and off at the correct temperatures
- ⇒ Check to see that the equipment starts up and shuts down properly
- ⇒ Tighten all electrical connections—faulty connections can become a safety hazard and shorten the lifespan of your equipment
- ⇒ Lubricate all moving parts—lack of lubrication can cause friction which will, in turn, consume more energy, and shorten the life of your equipment

Doing it Right



A yearly tune-up of your heating and cooling system will improve its efficiency.

⇒ Inspect the condensate drain—if this is plugged it can cause water and mold damage in your house

Heating specific checks—

- ⇒ Check all gas connections, gas pressure, burner combustion and heat exchanger—poor connections are a fire hazard and can contribute to health problems
- ⇒ A dirty burner or cracked heat exchanger can cause poor burner operation which will impair the safety and efficiency of your heater

Cooling specific checks—

- ⇒ Clean evaporator and condenser A/C coils—dirty coils reduce the ability to cool your home, causing the A/C to run longer—using more energy and reducing its life
- ⇒ Check the refrigerant level—too much or too little will make the A/C less efficient increasing running costs and reducing life expectancy

A final word—

Just as your car needs a regular tune-up to improve gas mileage—a yearly tune-up of your heating and cooling system will improve its efficiency and your comfort.

Remember—Improving your system's performance can add another \$440 to your bank account year after year. Isn't that worth it?

Upcoming Topics

- ⇒ Keeping the Weather Out
- ⇒ Sealing the Leaks
- ⇒ Sealing the Ductwork

For more information:

on how we can assist you with turning your house into your dream home while making it more energy efficient—or if you have any questions—call Mike Spruyt at 572-4812

The D₄ Guarantee



D₁ – Your job will be done for the price specified—there are no surprises or hidden costs.

D₂ – Your job will be completed the way you want it done.

D₃ – If you aren't satisfied with the finished product we'll fix it for free.

D₄ – All work comes with a 2-year guarantee on workmanship