

## 2019 Spring Newsletter

### In This Issue:



## How To Beat Allergies With Your HVAC System

Most of us welcome springtime with melting snow and the promise of summer. But for people with allergies, rising outdoor temperatures mean stuffiness, headaches, watery eyes and all-over misery. You can't change the weather or the outdoor allergens. Fortunately, you can minimize the effects of allergens inside your home with these HVAC tips.

#### Ensure you have proper ventilation

Despite the outdoor triggers for your symptoms, the answer is not to keep stale air in your home. Indoor allergens can build up and make you just as sick, or worse. Fresh air is critical for allergy sufferers and the right ventilation system will keep the allergens to a minimum.

### Upgrade your filter to HEPA

HEPA stands for High Efficiency Particulate Air and it works by forcing air through a mesh that traps allergens like dust, pollen and pet dander. Keep in mind that HEPA filters have larger pressure drops and can adversely affect airflow through furnace, reducing its heating and cooling performance. Talk to a professional before replace your regular filter.

### Use a whole-house air purifier

Air purifiers can be integrated into your HVAC distribution

system. Besides filters, you can choose from ionizers, UV Light purifiers or adsorbents like activated charcoal. Ionizers charge dust and other particles so that they either stick to charged plates in the ionizer or bond with other particles and become too heavy to remain airborne. UV light neutralizes and kills microorganisms. Adsorbent materials, like charcoal, trap particles on its surface and in its pores.

### Add humidifiers or dehumidifiers

You need the right humidity levels in your home to fight allergy symptoms. Too much moisture causes mold that worsens symptoms and too little can dry out mucus membranes, giving easy entry to allergens and germs. Installing a humidifier or dehumidifier (depending on the climate where you live) will work to keep moisture levels at the ideal 30-50% levels to help you fight allergies and symptoms.

If you have issues with the air quality in your home and want to find ways to reduce your allergy symptoms this spring, give us a call and we can help you make the right changes to your home's HVAC systems.







Each year when we receive our Design an Ad participants artwork, we include them in our newsletter. In addition to sharing them in our newsletter, we send a monetary gift to the teacher's classroom to help with supplies and the student receives a gift card for a local business. We hope you enjoy the artwork!



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# What is Dust Control?

If you live on a gravel road or run a business with a gravel parking lot, you know how inconvenient road dust can be. Your neighbors at Climate Control know firsthand so we offer the industry-best solution for South and North Dakota dust control.

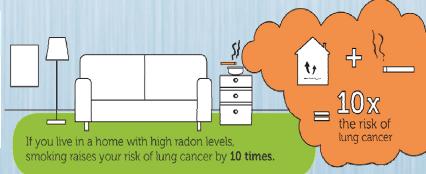
RoadSaver is a safe option for dust suppression that is applied over gravel to achieve road dust control. It is formulated with magnesium chloride which the US Department of Agriculture classifies as the least harmful dust suppressant to vegetation and groundwater.

RoadSaver is a liquid dust control that works by keeping fine particles on the road which limits the dust in the air and offers the secondary benefit of improving road quality and providing erosion control.

Call 605-225-9822 for a quote or more information!

### **Radon & Smoking: A Dangerous Combination**

Radon is the 2nd leading cause of lung cancer in the U.S., after cigarette smoking.



Some scientific studies of radon exposure indicate that children may be more sensitive to radon. This may be due to their higher respiration rate and their rapidly dividing cells, which may be more vulnerable to radiation damage.

Source: U.S. Environmental Protection Agency

Trusty's Corner

### The Importance of Insulating Your Attic

If you are like the majority of Americas, your attic is out of sight, out of mind. Believe it or not, your attic plays a much more important role than a repository for unwanted items that you're trying to hide. It's key to keeping your family comfortable year 'round.

# Does attic insulation help with your Heating and cooling efforts?

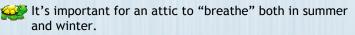
Absolutely! Because heat rises, attic insulation plays a key role in heating and cooling your home, more than any other type of insulation in your house.



In homes that are improperly insulated, up to 85% of wasted heat escapes through the roof.

In areas with especially cold winters, adequate insulation in your attic floor can help keep your heat bills in check.

Attic ventilation also plays an important role in controlling moisture levels in your home, as well as a major role in keeping it cool, but it is often overlooked. Some people believe that an attic must be air tight in winter to avoid losing hot air. Carefully selected and properly installed attic ventilation allows air exchange that is key to controlling these issues.



Proper ventilation brings in fresh air through the attic to keep it dry and cool. Heat recovery ventilators (HRVs) can help control temperatures and reduce cooling costs by

exchanging hot indoor air for cooler outdoor air (and vice versa in the winter).

## Is your attic part of the air conditioned space in your home?

In a typical home you can make this distinction by noting the location of insulation. Spray foam insulation overhead typically indicates a conditioned space, while insulation underfoot indicates an unconditioned attic area.

If your attic is not conditioned and cool and your ductwork runs through it, extra precautions are necessary to protect your heating & cooling efforts and expenses. Ensure the complete sealing of ductwork to prevent your heating & cooling dollars from leaking away into attic space. Properly insulating ductwork is also necessary to keep your conditioned air from becoming cooked prior to distribution throughout your home.

To get the most out of your attic space, be sure that it's properly insulated and ventilated. In the long run, it means greater comfort for your family; energy savings; and peace of mind.

Call Climate Control for more information or to have us come over and check your attic space. 605-225-9822

Answers: 1. Sensor 2. Compressor 3. HVAC 4. Fuse 5. Damper 6. Upflow 7. Flue 8. Filter 9. Airflow 10. Radiation 11. Burner 12. Furnace 13. Thermostat 14. Pump 15. PSI

# **Trusty's Mystery Message**

Unscramble These Words To Find A Special Coded HVAC Spring Tip







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**Dust Control** 

Trusty's Corner

Instant Rebates



1910 130th St NW Aberdeen, SD 57401



Limit 1 entry per person. No purchase necessary. A purchase will not improve your chances of winning. Winner will be selected at random within 30 days of entry deadline. All decisions are final. All entrants agree to contest rules, which require winner to sign a prize and publicity release unless precluded by law. Must be 18 to enter. Failure to comply results in disqualification. Entries void if incomplete or illegible. No responsibility is assumed for lost, late, or illegible entries. Company employees and family members are ineligible. Odds depend on the number of entries received. Acceptance of the prize Implies consent to use name and image in promotional material with the prize as compensation. All taxes are the responsibility of the winner.

enter you in a drawing for \$100 cash. Second prize will be \$50 cash. All entries must be received by 5/5/2019 Mail to: Climate Control, 1910 130th St. NW, Aberdeen, SD 57401 or scan and email to info@climatecontrolprofessionals.com

Complete and return for a chance to win \$100 cash. If you correctly answer the three questions below, we'll

1.) is the 2nd leading cause of cancer.

2.) What can help control temperatures and reduce cooling costs by exchanging hot indoor air for cooler outdoor air?

B. HRV

A. Humidifier

C. Filter

3.) Improperly insulated homes lose up to \_\_\_\_\_% of heat through the roof.

	Name:			
ct me about:				
<ul> <li>Air Filtration</li> <li>UV Light</li> <li>Water Softeners</li> <li>Water Heaters</li> </ul>	Address:	State:	Zip:	
<ul> <li>Fire Pits</li> <li>Fireplaces (wood, gas, electric)</li> <li>Pool Heaters</li> <li>Dust Control</li> </ul>	Email:			
<ul> <li>Ice Melt</li> <li>Electrical</li> </ul>		100 100 100 100 100 100 100 100 100 100		

Please Contact me about: □ Air Filtration

- □ Service Maintenance Agreement
- □ Upgrading Heating/
- **Cooling Equipment** Dehumidifier
- □ Humidifier
- □ All Types of Boilers
- □ Air Quality/Mold
- □ Dust Control □ Ice Melt Testing
- □ Radon Testing/Removal □ Electrical

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