

### 2018 Spring Newsletter



#### How to Pick The Best Home Ventilation System

Indoor air quality affects your health and safety. Opening a window isn't always possible so you need other methods to replace stale indoor air with outdoor air.

#### **Exhaust fans**

Most homes have an exhaust fan in each bathroom and a range hood above the stove. These fans extract the moist air created when we take a hot shower or cook that delicious soup. They must be sized and installed correctly to work well.

Exhaust fans must be kept clean and well-maintained to ensure maximum performance. You also need to have a professional clean out the ductwork As necessary since a mucked up duct reduces the fan's performance.

#### Heat recovery ventilators (HRVs)

Whenever you use a fan to extract air that has already been heated (or cooled in summer), you have to replace it. Typically outdoor air seeps in to make up the difference when you open the door. It's not tremendously noticeable since the airflows are small. But it does affect your bill when you have to heat that outdoor air. Heat recovery ventilators (HRVs) take

your exhaust air and passes it through a core that transfers some of the heat to the incoming makeup air. This heats the incoming air so that your heating system has less work to do to warm it up to the indoor temperature, saving you energy.

#### Energy recovery ventilators (ERVs)

While HRVs transfer heat to the incoming air in winter, ERVs transfer both heat and moisture, recovering more energy overall. So in the wintertime, your incoming air would be less dry as the moisture is transferred from the exhaust. In the summer, the incoming air would have some humidity removed by the conditioned exhaust air.

#### **Considerations for HRVs and ERVs**

Because of the push towards energy savings (plus, who wouldn't want to lower their bills, right?), ERVs and HRVs are becoming requirements for new buildings and most renovations in the US and Canada. So what else do you have to consider before taking the leap?

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#### How to Pick The Best Home Ventilation System

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#### Which exhaust air to pass through

Your range hood will have to remain since you can't pass grease-laden exhaust air through a heat recovery core. You can also choose to leave your existing bathroom exhaust fans and install an HRV or ERV to provide general ventilation throughout your home.

#### Space requirement

These units are larger than the typical ceiling mounted exhaust fans so they need a dedicated space available, with clearances for maintenance. You also need room to install insulated intake and exhaust ductwork.

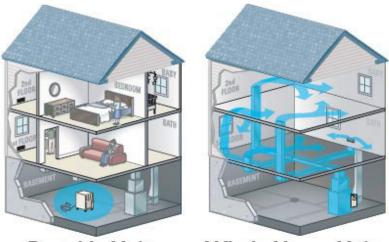
#### You'll need a professional assessment

As you can tell, your home's ventilation system can get complicated. If you need to discuss your options, give us a call and we can help you assess your needs.

605-225-9822



# Do you need a whole-house Dehumidifier?



**Portable Units** 

Whole House Units

Air conditioning alone can't satisfy your home's humidity requirements. Your air conditioning system is designed to control temperature, not humidity, and only removes humidity as a byproduct of cooling.

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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 now for a quote or more information

Portable Dehumidifier Recall

#### Do you need a whole-house Dehumidifier? Cont'd from page 2

If you experience any of the following - you may need a whole-house dehumidifier:



Trouble sleeping at night due to clammy skin or stuffiness in the air?



Have you reduced the temperature setting because you're uncomfortable with the stuffy feeling?



Have the floors or other surfaces ever felt sticky or "sweaty"?



Are you concerned with mold and mildew growth in your home?



Do you have musty odors or smells in any area of your home?

Every series of the series of

EVEN Do you or family members have allergies?

When there is too much moisture in your home, wet air can get trapped in corners, basements, and other closed areas. This is usually most noticeable in bathrooms, where moisture gathers in corners and on ceilings and creates mildew that is often difficult to remove. Condensation can also accumulate in windows, causing water to drip down the window and wooden frames to rot. Bathrooms, kitchens, and laundry rooms are also prone to having higher humidity levels.

This excess moisture provides a perfect breeding ground for bacteria and mold (which can be harmful to your health if left unchecked), and also makes your home more inviting for pests and insects such as cockroaches and termites.

Dust mites and mold thrive in moist settings; by removing extra moisture that may be contributing to their growth, you can help reduce the amount of dust and mold allergens in your home.

Your AC can do its job more effectively with a whole-home Dehumidifier - Humidity holds heat and by removing the excess humidity, you help remove heat that your air conditioner would otherwise be battling.

Humidity clings to the skin, making the air feel sticky and uncomfortable. By removing the extra humidity in your home, you can experience a greater comfort level without having to lower the temperature on your thermostat.

Call Climate Control today to find out more!

605-225-9822

## Portable Dehumidifiers Recalled Due to Possible Smoke / Fire Hazard

A recall on portable dehumidifiers has been issued by the US Consumer Product Safety Commission.

The dehumidifiers can overheat, smoke and catch fire, posing serious fire and burn hazards. If you have a portable dehumidifier in your home you should immediately turn it off and unplug it.

There are two recalls on dehumidifiers. To see if your dehumidifier has been recalled, go to

https://www.recallrtr.com/dehumidifier, read thru the information and enter the Brand, Model & Serial number in at the bottom of the screen.

Also check the list at https://www.cpsc.gov/ Recalls/2013/Gree-Recalls-12-Brands-of-Dehumidifiers/

Recalled dehumidifiers were sold at AAFES, HH Gregg, Home Depot, Kmart, Lowes, Menards, Mills Fleet Farm, Sam's Club, Sears, PC Richard and other stores nationwide and online at amazon.com and Ebay.com from January 2003 through December 2013.









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### WIN \$100 WITH CLIMATE CONTROL

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.

#### Please Contact me about:

□ Air Filtration □ UV Light

□ Water Softeners

□ Fireplaces (wood, gas, e

□ Water Heaters

□ Pool Heaters

□ Fire Pits

- □ 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

Complete and return for a chance to win \$100 cash. If you correctly answer the three questions below, we'll enter you in a drawing for \$100 cash. Second prize will be \$50 cash. All entries must be received by 4/15/2018 Mail to: Climate Control, 1910 130th St. NW, Aberdeen, SD 57401 or scan and email to info@climatecontrolprofessionals.com

1.) Portable dehumidifiers sold between January and December are subject to recall due to smoke/fire hazard.

2.) How many turtles are in this newsletter?

3.) & are becoming requirements for new buildings & most

renovations in the US & Canada

Address:			
City:	State:	Zip:	
Email:			
Phone:		Best Time:	

