



Earning Your Trust

Proper and efficient performance of your cooling and heating system is critical to your family's health and comfort. So it only makes sense to protect it with service from a qualified professional. That's where **WestAIR Heating & Cooling** steps in — as your source for all your home comfort needs.



Joe Lynch, Owner

By doing business with a reputable company such as ours, you can rest assured you'll receive the attention to detail you require. We've developed a reputation for providing high-efficiency products and expert installation, so you can rely on our advice when it's time to make decisions about your home comfort needs.

We strive to offer prompt, courteous and reliable service. And we're proud to provide the professionalism and commitment to quality you and your family deserve.

Whether we've earned your trust with one call or over a number of years, we truly appreciate your business. Let us know how we can be of service!

Sincerely,

Joe Lynch

Dehumidifiers To The Rescue

Many of us look forward to the lazy days of summer, but often, higher outdoor temperatures also brings along higher indoor humidity. Even when the weather is mild and you're not running your HVAC equipment on a regular basis, the air inside your home can become muggy. So how to solve this sticky problem? A dehumidifier is the most effective way to control the air's moisture level indoors.

A general guideline is that your home's relative level of humidity should range between 35% and 50% — the healthiest amount of moisture in the air.

Be sure to take advantage of the **\$100 OFF** special featured on the back page of this newsletter for the installation of an Aprilaire Whole Home Dehumidifier. Call us at **763-498-8071** today for more details.

WestAIR
HEATING & COOLING
763-498-8071

WestAirHeating.com

Indoor Air-Quality Specialists
Residential • Commercial
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11184 River Rd NE
Hanover MN 55341-4009

Take advantage of these special savings!

WHOLE HOME DEHUMIDIFIER SPECIAL

\$100.00 OFF

the installation of an *Aprilaire* whole home dehumidifier.

Offer good through September 30, 2022, at WestAIR Heating and Cooling. Please present coupon at time of sale. If you can't use this coupon, perhaps your neighbor can.

PROGRAMMABLE THERMOSTAT



FREE



With the purchase of a Rheem central air conditioning system installation.
(Honeywell T4 Thermostat)

Offer good through September 30, 2022, at WestAIR Heating and Cooling. Please present coupon at time of sale. If you can't use this coupon, perhaps your neighbor can.

Changing SEASONS

A QUARTERLY PUBLICATION FOR THE CUSTOMERS OF WESTAIR



Summer 2022

WestAIR
HEATING & COOLING

763-498-8071

WestAirHeating.com



See Back for Special Offers!

Saving Water Hits Home

Prior to 2020, the average American family was already using more than 300 gallons of water a week. Roughly 70 percent of this use occurs indoors. As many families now spend more time at home, we're using even more water around the house. And with more and more areas of the country experiencing water shortages each year, we all need to do our part to conserve this valuable resource. Consider implementing these water-saving measures around your home:

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In the kitchen:

- ✓ Run a full dishwasher instead of handwashing dishes.
- ✓ Soak large items overnight rather than rinsing them before washing.
- ✓ Reuse cooking water to water your plants.
- ✓ Compost to reduce running the water during garbage disposal use.

In the bathroom:

- ✓ Replace that 30-minute soak in the tub with a 10-minute shower.
- ✓ Turn off the faucet while you brush your teeth.
- ✓ Install a high-efficiency toilet that uses less water to flush.
- ✓ Check pipes for leaks on a regular basis.

In the laundry room:

- ✓ Run only full loads of laundry.
- ✓ Upgrade to an energy-efficient washer, which can save up to 7,000 gallons of water per year!

For the lawn and garden:

- ✓ Plant native and drought-tolerant plants.
- ✓ Add mulch to your garden to prevent evaporation and help plants retain their moisture.
- ✓ Maintain your sprinkler system, run sprinklers in the morning for less evaporation, and adjust schedules depending on the time of year.

We can all use reminders on how to use water more efficiently at home. You'll not only save water, but also see the added benefit of lower water bills — now that's a win-win situation for us all. ■



Fix water leaks:

- ✓ **A leaky faucet that drips at the rate of one drip per second can waste more than 3,000 gallons per year.**
- ✓ **Ten percent of U.S. homes have leaks that waste 90 gallons or more per day.**
- ✓ **Fixing easily corrected leaks can save homeowners more than 10% on their water bills.**

Source: epa.gov

ENERGY SAVING TIPS

THERMOSTAT

Set it as high as is comfortable. Every degree of extra cooling increases energy usage 6–8%.

WHEN YOU'RE AWAY

Raise your thermostat if leaving for more than four hours.

WATCH THE WINDOWS

Keep window coverings closed during the day to block the sun's heat.

APPLIANCES

Hold off on running the washing machine or dishwasher until early morning or the evening.

SWITCH IT OFF

Turn off kitchen, bath and other exhaust fans within 20 minutes after you're done cooking or bathing.

Tip On average, you should change your air filter every 1 to 3 months. A dirty air filter will make your HVAC system work harder and longer than it needs to.

Ceiling Fans Offer Year-Round Savings

If you used your ceiling fans to help circulate heat in your home this winter, you need to flip the switch, located near the fan motor.

During colder months, ceiling fans can be useful energy savers, effectively moving trapped heat into the living areas. When operating in a clockwise rotation (forward), they push up the air and pull the warm air trapped near the ceiling down the sides of the room improving heat distribution.

In warmer months, you want the blades to rotate in a counter-clockwise direction (reverse). This creates a breeze effect or “wind chill” that cools our skin.

As we look for ways to cut home energy costs, it pays to use every tool available to reduce our consumption and keep us comfortable. ■



The fan direction should be set to **DOWN** for summer and **UP** for winter.

Question & Answer



The higher the **MERV** rating, the more effective an air filter will be at removing particles from indoor air.

How do I know I'm buying the right type of air filter for my HVAC system?

When shopping for an air filter, the dimensions are a very important factor but also consider the **MERV** rating. **MERV** stands for Minimum Efficiency Reporting Value and is used to identify filtering efficiency. The higher the rating number, the more efficient the filter is in trapping more and smaller particles.

How often you change your air filter is a big efficiency factor, too. Interestingly, filters become more efficient at collecting particles as they start to load up with dust and lint — these particles actually increase the filter's ability to hold onto smaller particles. However, the more it loads up, the harder your HVAC system has to work, causing stress on the blower motor and compressor. This strain can shorten the lifespan of your system.

That's where we come in. We can determine the right air filter for your HVAC system and recommend how often it should be changed. ■

Earth & Atmosphere

Weather Balloons

The weather balloon has been an essential tool for forecasters for nearly 90 years. NOAA's National Weather Service has launched these balloons since the 1930s to collect data that's critical for forecasting day-to-day weather and storms.

Fitted with special data transmitters called radiosondes, weather balloons are launched twice a day at 92 sites across the United States, including 13 in Alaska. Alaska launches generate data that are especially important to support forecasts for the Lower 48 states.

As a balloon rises, the radiosonde gathers data at various levels in the atmosphere. This data helps forecasters understand how much moisture is in the air, temperatures, and wind speeds.

Weather balloons are made from strong latex and filled with hydrogen. As they take flight and expand, they won't pop until reaching about 20 miles.

Once the balloon pops, a parachute helps the radiosonde fall gently back to Earth. The collected data is transmitted every one to two seconds, including numbers that are critical to generating weather forecasting maps. ■



Weather balloons are launched around the world at the same time every day.