



City of Wayne Newsletter

City of Wayne
Utilities

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ENERGYWISE TIP ~ Bathroom Fans



Walk into your bathroom, turn on the light and fan, and the first thing you think about is energy efficiency, right? Well, probably not. However, your bathroom's exhaust system could be letting you down. Many homes have bathroom fans that:

- are too noisy
- move little air
- are not energy efficient
- may cause backdraft

So, how can you avoid these pitfalls? First, identify what size of fan you need. Fan size is usually rated in the amount of air it can move in terms of cubic feet per minute (CFM). Most experts recommend eight air changes per hour for bathrooms. Determine your bathroom's volume by calculating cubic feet. You can do this by multiplying length by width by ceiling height. Take the cubic feet and divide by 60, which is the number of minutes in an hour. Now multiply by eight, which is the targeted number of air changes. For example, a 10'x8' bathroom with an 8' high ceiling would need 85 CFM. When shopping, round up to the nearest size.

Next, choose the quietest, most energy-efficient fan in the size range required. Most fan labels have Home Ventilating Institute (HVI) ratings so you can compare noise

levels, as well as their energy efficiency. Fan noise is rated in "sones." The lower the sone rating, the quieter the fan. Efficiency can be compared by how many CFM of air a fan moves per watt of electricity the fan requires. The best fans have sound ratings of 0.5 sones or less and move about 2½ CFM of air per watt. For added assurance of quality and efficiency, look for the ENERGY STAR® label.

Third, select low-resistance (smooth) exhaust ducting. Seal the joints and insulate sections that run through unheated spaces. This will help maintain the fan's air volume rating while reducing the amount of heat gained or lost while the fan is not operating. Undersized or droopy flex ducting and ineffective or dirty backdraft dampers and exhaust louvers can cut rated airflow by more than 50%. Also, duct the exhaust air to where it will not cause moisture damage. Many times, this requires ducting to the outdoors.

Remember, if you have combustion appliances, such as natural gas or propane water heaters or gas furnaces or fireplaces, backdraft may be a concern. Because fans can potentially create a negative pressure in your living space, they may cause the combus-

tion appliance exhaust to back up into the indoor environment. Not only should you ensure this will not happen by installing sealed-combustion appliances, but it is always a good idea to have a working carbon monoxide detector in use for an extra layer of safety.

Fifth, install proper controls. Bathroom fans connected to light switches start running when the light is turned on. Often, users turn the light "off" before all the moisture is exhausted after a bath or shower. Meanwhile, use of a separate fan toggle switch often leaves the fan running longer than necessary. Instead, use a timer switch with a maximum of 60 minutes. This should keep the fan running for at least 10 minutes after you leave the room to remove excess humidity.

Following these simple steps will help you save energy and confirm installation of a quality, energy efficient bathroom fan that will provide you years of service. For other ideas on how you can become more EnergyWiseSM, visit with your local electric utility.

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CITY COUNCIL

MEETINGS

October 5th

October 19th

CITY HALL OFFICE HOURS

City Hall office

Hours are:

7:30 a.m.

until 4:30 p.m.

WE NEED YOUR HELP!!

**IF YOU HAVEN'T
DONE SO AL-
READY, PLEASE
PARTICIPATE IN
THE HOUSING
STUDY SURVEY BY
LOGGING ONTO
THE CITY WEB-
SITE:**

([www.cityofwayne.org/
housingsurveys2021](http://www.cityofwayne.org/housingsurveys2021))



Department News ~



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WISE WORDS

“Remember, today is the tomorrow you worried about yesterday.”

~Dale Carnegie

Library ~

- ◆ **Friends of the Wayne Public Library will be hosting a 3-day book sale at the Wayne Municipal Auditorium October 7, 2021 from 5-7 p.m., October 8, 2021 from 1-7 p.m. and October 9, 2021 from 9-2 p.m.** Additionally, there will be a silent art auction of past library artwork during the sale. Stay tuned to our social media platforms for more information.
- ◆ **Join Miss Kim Wednesdays or Thursdays at 10 a.m. in the Library during Toddler Time** for stories, music, dancing, busy bags, and more. Meet other parents and kids in the area and learn about the various services and reading programs our Library offers.
- ◆ **On the 20th and the 21st, join us for a special Toddler Time with Pumpkin Painting!** Wear messy clothes and prepare to paint your masterpieces for our Pumpkin Painting Contest! Pumpkins will be provided.
- ◆ **After school coloring will take place on Friday, October 8th, and Friday, October 22nd at 3:30 p.m.** Relax and get creative after a busy school week. Adults will be on hand for conversation. Coloring pages, art utensils of all kinds, and a light snack will be provided.
- ◆ **On the 22nd, join us for a special After School Coloring with Pumpkin Painting!** Paint a pumpkin to enter into our Pumpkin Painting Contest. Pumpkins will be provided.
- ◆ **Head to the back of the Library on Tuesday, October 12th at 6 p.m. for Adult Coloring.** Stop in for a relaxing night and good company. Colors, coloring sheets, and snacks are

provided. Adult Coloring Night is sponsored by our good friends, Pac N Save.

- ◆ **Show us your creatively creepy side with our Zombie and Monster Doll Creation Program: Create your very own zombie or monster doll with us!** Dolls, paint, and accessories will be provided. **The cost to attend this craft will be \$1 per doll created.** Dolls will be on display at the Library until the 29th and be picked up by participants anytime after that date.
- ◆ **Give the Library a call to reserve your spot at craft night, space is limited. First come, first serve. Needle Night meets Thursday nights at 6:30 p.m. at the Library** for conversation and good company while working on your personal needlework projects. All kinds of decorative sewing and textile art handicrafts are welcome.
- ◆ **Test your knowledge of all things Halloween and horror at our Halloween Trivia Night, Friday, October 22nd at 7 p.m. at Johnnie Byrd's.** Costumes and themed costume groups are highly encouraged! **Please stop in or call the Library to register your team of four. Space is limited, first-come, first-serve.** Awards will be given to trivia winners, as well as for best costumes.
- ◆ **Book Club will be meeting for discussion Tuesday, October 26th at 6:30 p.m.** in the Library conference room. The book the club will be discussing is *The Moonshiner's Daughter* by Donna Everhart. Set in

North Carolina in 1960 and brimming with authenticity and grit, *The Moonshiner's Daughter* evokes the singular life of sixteen-year-old Jessie Sasser, a young woman determined to escape her family's past . . . Generations of Sassers have made moonshine in the Brushy Mountains of Wilkes County, North Carolina.

- ◆ **Show off your skills in our Pumpkin Painting Contest! Bring in your already painted pumpkins to the Library beginning Wednesday, October 20th through the 25th.** Pumpkins will be displayed around the Library and will be evaluated by guest judges on **Wednesday, October 27th from noon to 1 p.m.** Age ranges for pumpkin judging and ribbon awards: 0-4, 5-8, 9-12, 13-18, and 19 years of age and older. Grand prizes will be awarded to each age group. We urge pumpkin painting contestants to pick up their work after awards are issued.
- ◆ **Join us for curbside trick or treating on Halloween, October 31st from 4 -6 p.m.** The event will be moved inside the Library if there is inclement weather. Play our sidewalk challenge, grab a treat, and take pictures with our spooky decorations!



WAYNE RECYCLING & TRASH CENTER (RTC)

HOURS

Monday & Friday
9:00 a.m.—1:30 p.m.

Tuesday
11:00 a.m.—2:00 p.m.

Saturday
8:00 am.—Noon

Or by appointment
Tuesday, Wednesday
and Thursday

Green Notes ~ Special Household Hazardous Waste Event in Wayne



On Saturday, October 16, 8-10am, you can recycle your household hazardous waste (HHW) at the Wayne Recycling & Trash Center (RTC), 110 Windom St. Your \$10 drop-off fee includes HHW items such as latex & oil-based paint, pesticides, herbicides, oil, cleaning chemicals, yard & garden chemicals, anti-freeze, car batteries, mercury & mercury containing devices, and fluorescent lightbulbs, including CFLs. Household quantities only.

Not accepted: tires, electronics, appliances, PCBs, picric acid, science lab materials, radioactive materials, or biological hazards. This event is sponsored by Northeast Nebraska RC&D, Nebraska Environmental Trust, Wayne Green Team, and Waste Connections.

For more tips on the Green Path to the Good Life, like the Wayne Green Team on Facebook or visit www.cityofwayne.org/greenteam.

The Fair Housing Act protects people from discrimination when they are renting, buying, or securing financing for any housing. The prohibitions specifically cover discrimination because of race, color, national origin, religion, sex, disability and the presence of children.

If you believe you may be a victim of housing discrimination, contact HUD 1-800-669-9777 or your local Fair Housing representative:

Wes Blecke
306 Pearl Street
Wayne NE 68787

wblecke@cityofwayne.org

YOUR CHOICE. YOUR RIGHT.

YOUR HOME

