

e-Vent News

NEWS, IDEAS & TECHNICAL ADVICE FROM THE VENTILATION EXPERTS AT AIR VENT

SEASON'S GREETINGS!

Wishing You a Safe and Healthy Year Ahead

Welcome to another issue of *e-Vent Newsletter*. Since our June 2020 edition, each of us has been handling as best we can the challenges of living and working during a pandemic. It's been very hard. We hope with this newsletter you can for a brief time shift your focus to some other news. We are committed to continue sharing industry news, tips you can use on the job, advice for challenging attic ventilation projects, and noteworthy Air Vent happenings. We'll continue to publish twice a year midways and year-end. Send us your comments right here: pscelsi@gibraltar1.com.

Thank you. Wishing you a safe and special holiday season. Stay well out there.
- Paul Scelsi, Attic Ventilation: Ask the Expert in-person Seminar Leader

DID YOU KNOW?

2021 is a Building Code Update Year

Every three years the International Residential Building Code is reviewed for changes and updates. The year 2021 is the next 3-year cycle. Section R806 covers residential attic ventilation including the amount that is needed, allowable exceptions, insulation clearance, etc. The minimum amount of attic ventilation remains unchanged from 2018:

- 1/150 is the minimum (that's 1 square foot of net free area for every 150 square feet of attic floor space measured length x width floor of the attic)

You can find out more information [here](#).



PRODUCT FEATURE

Power Fans with Humidistats Fight Winter Moisture

A typical family of four produces an average of 2 to 4 gallons of water vapor per day in a home. In the winter, this vapor is attracted to the cooler air in the attic, where it quickly condenses. Condensation can drip onto attic insulation, reducing its effectiveness. This moisture can cause wood rot to the attic structure and promote the growth of mold and mildew, affecting the quality of the air in the home. So, for added protection, install a power vent equipped with a humidistat for year-round attic ventilation benefits.



Air Vent makes the following models equipped with humidistat functionality:

Roof-Mount:

- HE15 (1500 CFM)
- ASRHP (1500 CFM)
- PC12 (1170 CFM)

Gable-Mount:

- APGH (1620 CFM)

You can find more information about our complete lineup of power fans [\(Air Vent Power Fans\)](#).

TOOLBOX

Continuous Learning is 24/7 on Campus @ Air Vent University

We hope you are taking advantage of the various ways to stay informed about attic ventilation and the many resources available to you by regularly visiting our campus at Air Vent University. **Every month** we:

- Upload a new **Lesson Plan** – installation techniques, product features, industry news ([Lesson Plans](#))
- Launch a fun 5-Question **Pop Quiz** (You could win an Air Vent golf shirt!) ([5-Q Pop Quizzes](#))
- Release a new episode of our **podcast** *Airing it Out with Air Vent*. Want to be our next guest? ([Podcast Episodes](#))

And while you're on campus, head down to [Homeowner Hut](#) where we have plenty of tips to help you help your homeowners better understand why you're recommending attic ventilation. *HH* is packed with short video clips, tips and news items.



Q&A

Question: "Is it OK to use Box Vents Low on the Roof for Intake Airflow?"

Answer: Air Vent does not recommend using Box Vents for intake ventilation unless they have been specially designed for the task. Ask the manufacturer of the vent. There are two concerns:

- 1) **Leaking.** Box Vents are exhaust vents and as such are supposed to be installed 2-3 feet from the peak of the roof. They are designed to handle the water in a rain event that travels the 2-3 feet from roof peak to the vent (both in terms of volume of water and the speed the water will flow). But can they handle the water traveling 15, 20, 25+ feet from roof peak to the vent? Were they tested for this application?
- 2) **Weather Infiltration.** Intake vents bring in air. That's their function. And they have to keep the weather at bay. Box Vents designed for exhaust ventilation are designed to let air out. They are not designed to ingest anything.

Solutions: If the roof does not have a soffit, and you're considering using Box Vents as intake vents, there are other suitable options.

- Roof-top installed [The Edge Vent](#)
- [Vented Drip Edge](#)
- [ShadowHawk](#) Box Vents specially designed to be either Exhaust or Intake

Have a question for Air Vent? Send it to [Paul Scelsi \(pscelsi@gibraltar1.com\)](mailto:pscelsi@gibraltar1.com). You don't have to wait until the next issue of this newsletter for your answer. We'll answer your question immediately and we may even feature it on our Facebook page shortly after. Thanks for participating.



FOUND IN THE FIELD

Contractor: Daniel White, Roof Life of Oregon, Tigard, OR
The Issue: Installed Intake Vents have Zero Chance to Work
Solution: Give the Intake Vents a Chance

Painted over intake vents can significantly reduce the net free area (airflow) of the vent. When roofing contractors spot this, they should alert the homeowner that their intake vents will need to be replaced. Contractors can do the work themselves (and charge accordingly) or recommend that the homeowner hire a contractor that does soffit work.



At first glance this appears to be a screened opening for intake ventilation into the attic (left picture). But upon closer inspection, behind the screen is a solid block of wood. The airflow has no chance to enter the attic. When roofing contractors spot this, they should alert the homeowner that their attic exhaust vents (ridge vents, wind turbines, gable louvers, box vents or power fans) will not work until the intake ventilation is fixed.



Have a Field Find you want to share? We love photos from the field. They are a popular feature weekly on our Facebook page and in our *Ask the Expert* seminars. We'll take your success stories, handy tips and mistakes to avoid please. Send them to [Paul Scelsi \(pscelsi@gibraltar1.com\)](mailto:pscelsi@gibraltar1.com). Thanks for sharing.

ASK THE EXPERT SEMINAR

Air Vent Seminars 1st Quarter 2021? Stay Tuned!

January 2021 marks the 23rd consecutive season of our annual in-person *Attic Ventilation: Ask the Expert* seminars. COVID-19 has thrown the entire world a curve ball for planning in-person events. At the time of writing this newsletter, we are evaluating offering some virtual seminars as well in-person seminars in select cities. Details are not final but will be announced when they are. In the meantime, please visit our Air Vent University online campus regularly for continuing education for you and your coworkers, crew and staff – including the key points from a recently filmed Air Vent seminar in Chicago ([Air Vent Seminar Video](#)).

*"Every time I attend, I always learn new information."
2020 Air Vent Seminar attendee Mark Landes, Allen Exterior Remodeling, Beaverton, OR*



Leading Industry Education Since 1998

WHAT'S YOUR STORY?

FREE giveaway in exchange for your story

We're always looking for success stories to share with the roofing industry. If we use your story, we have a FREE giveaway as a "thank you." It's a sweet deal. You'll get free publicity, a free giveaway and the good feeling knowing you are helping us further educate the roofing industry. Here are examples of what we're looking for:

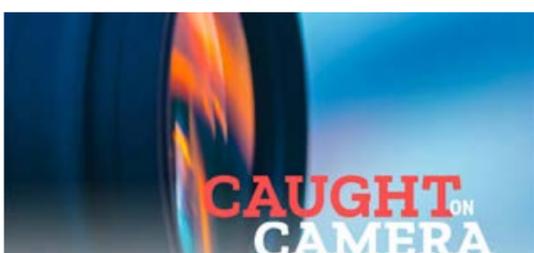
- If you recently solved a particularly challenging attic ventilation project, tell us how.
- If you worked on a roof that had a pre-existing attic ventilation mistake, tell us your fix.
- If you successfully helped an objecting homeowner understand why proper attic ventilation is needed, tell us the details.

It doesn't need to be long story. A few photos and a handful of sentences summarizing things will do the trick. Send everything to [Paul Scelsi \(pscelsi@gibraltar1.com\)](mailto:pscelsi@gibraltar1.com). Thank you!



AIR VENT IN THE NEWS

Roofing professionals across North America helped Air Vent write articles that appeared in industry magazines. THANK YOU!



[Roofing Contractor Magazine: Caught on Camera](#)



[Roofing Magazine Documented Mistakes Found by Contractors](#)

CONTACT US

There are plenty of ways to keep in touch. We hope you will.

- 1-800-AIR-VENT (247-8368); ventilation@gibraltar1.com (Customer Service/Tech Support)
- www.airvent.com (There's a wealth of valuable resources awaiting you)
- www.facebook.com/AirVentInc (You could win a FREE giveaway!)
- www.twitter.com/AirVentInc (Follow us)
- www.linkedin.com/company/airventinc (Follow us)
- Paul Scelsi, Attic Ventilation: Ask the Expert seminar leader: pscelsi@gibraltar1.com (What other information and resources do you need?)

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