

Rooftop-Installed Edge Vent Solves Various Intake Ventilation Problems

One of the leading causes of attic ventilation problems is insufficient or incorrectly installed intake ventilation. To work efficiently an attic ventilation system must be balanced with intake and exhaust vents.

Air Vent, the leading manufacturer of residential attic and foundation ventilation products, has recognized this fact for years after extensive laboratory and field testing. Unfortunately, intake is often overlooked. Perhaps it's because the roof design makes installing intake vents impractical (no overhang). Maybe it's because the contractor doesn't want to hassle working overhead cutting into the soffit/eaves.

That's the beauty of The Edge™ Vent. It's a shingle-over, rooftop installed intake vent that keeps the roofing contractor on the roof and it can be used on any home with or without overhangs.

Since its debut in 2008, The Edge Vent has helped contractors solve a variety of intake ventilation problems. Here are a few examples.

Winning the Ice Dam Battle

Strander Roofing & Seamless Gutters in Lodi, Wis., combined proper insulation and a balanced attic ventilation system — including The Edge Vent — to finally solve the annual ice dam headache for a customer. “This home had huge ice dam problems due

to poor ventilation and their heat bills were virtually through the roof,” said Chad Strander, owner of the company. “The home was a Cape Cod style structure so we cut The Edge Vent along the bottom edge for intake and ShingleVent® II on the ridge for exhaust.” Strander Roofing installed two layers of 3-inch insulation (R-Value 42) and



applied fir strips over the top of the insulation; then installed the sheeting to the fir strips. “The homeowner was quite excited for the first winter without ice dam problems,” Strander said.

Improving Interior Comfort

It's no mystery a two-story house with individual roof louvers for exhaust and nothing for intake is not receiving the benefits of a balanced attic ventilation system. Enter Elite Exteriors in Burnsville, Minn.

“This house did not have an overhang and thus there were no intake vents. We added The Edge Vent for proper intake and replaced the roof louvers with continuous ShingleVent II ridge vents,” said Jason Vogen, CEO of Elite. “The homeowner has seen a dras-

tic improvement in the air temperature in the upper level of his home; which ultimately will increase the longevity of the roof and the life of his home.”

Goodbye to Working Overhead With Soffits

Performance aside, Tom Galgerud, president of Monarch Siding &

Windows, Inc. in Papillion, Neb., likes the ease of installation, which will simplify the process of making sure proper intake ventilation is part of each job.

“The Edge Vent is very easy to use and adds so much intake airflow without worrying about the existing soffit vents,” Galgerud said. “Thanks to

The Edge Vent I am able to educate homeowners about their roofing problems and find a suitable solution.”

Suitable for All Climates

Air Vent engineers designed The Edge Vent to be used with confidence in all climates. Patented internal baffles and drainage system along with an internal weather filter provide three levels of weather protection. Each 4-foot piece has an integrated end plug on both ends to provide a finished appearance and weather protection. It can be used on roofs with minimum 3/12 pitch. Its 9 square inches of Net Free Area per linear foot are perfectly balanced with ShingleVent II ridge vent. For more information, visit www.airvent.com.

Hip Ridge Vent Provides Solutions For Difficult-to-Vent Roofs

Increasingly, homes are built with cut-up rooflines. While attractive, they can be an attic ventilation challenge. With very little horizontal ridges, traditional ridge vents may not be an option. Air Vent, the leading manufacturer of residential attic and foundation ventilation products, designed the Hip Ridge Vent to be installed on the diagonals (the “hips”) of these cut-up roofs – giving contractors another option besides power fans and roof louvers.

More Choices = More Solutions

Robert Storey, owner of American Renovations, Fairplay, S.C., said he now chooses ridge vent over power fans for hip roofs. “I prefer this product over power fans,” he said. “The Hip Ridge Vent installed very similar to a standard ridge vent that would be positioned along the peak of the roof – with some differences to the slot cut. Our crew had no trouble understanding and carrying out the installation.”

La Loma Roofing in Omaha, Neb., faced a complex project with few choices. “The configuration of the roof (attic) did not allow many options to properly ventilate this attic,” said sales manager Pete Curtis. “By using the Hip Ridge Vent we used the hips as a key component of the attic ventilation system and we were able to install a very attractive

system at the same time. It looks great.” The homeowner has reported improved room temperatures on hot, sunny days. La Loma Roofing used a combination of Hip Ridge Vent and



ShingleVent II (horizontally installed ridge vent) to meet the exhaust ventilation needs for this project.

Works Well & Looks Great

Many contractors like the vent’s distinctive look. “The Hip Ridge Vent not only helped to solve an attic ventilation challenge by providing improved airflow compared to the individual roof louvers previously installed, but it’s also a good looking vent,” said Steve Rennekamp, presi-

dent of Energy Swing Windows in Murrysville, Pa. “It adds to the overall appearance of the roof. It works well and looks great.”

Premier Roofing, Siding & Home Improvement in Gladstone, Mo., informally called the finished roof with the Hip Ridge Vent installed the neighborhood “castle.” “The Hip Ridge Vent was an easy installation while giving an enhanced look to an attractive roof,” said President Jerry Courson. “The product helped solve an attic ventilation challenge and at the same time contributed to a distinctive curbside appeal.”

Weather Protection Tested & Approved

The Hip Ridge Vent is the only diagonally installed ridge vent on the market with Miami-Dade County Approval – tested exactly as it will be installed on a hip roof. It withstood wind-driven rain tests up to 110 MPH from three different wind directions. That should give peace of mind to contractors unfamiliar with installing ridge vent on hips. La Loma Roofing knows firsthand. “Shortly after the roof was finished high winds accompanied by torrential rainfall hit the area several times over a 3 to 4-day period. No leaks,” said Curtis.

For more information and a short video of the Miami-Dade County testing, visit www.airvent.com.