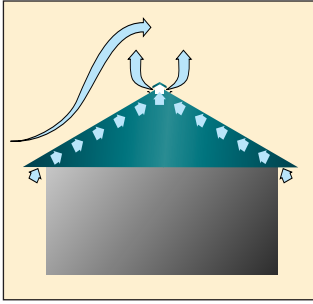


ATTIC VENTILATION INSPECTION




The Ideal System Must:

- Provide free flowing air along the entire under side of the roof deck for optimum results
- Work year round

Attic Ventilation is Essential

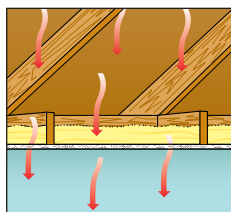
A Properly Designed Attic Ventilation System Must be Installed with New Shingles To:

- Validate new shingle warranty.
- Help Protect the attic from damage caused by excess heat in the summer and moisture in the winter.
- Help shingles and roofing materials last longer.
- Help prevent the formation of ice dams in cold climates.

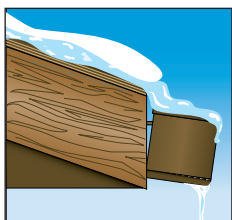
Use this attic inspection form to identify potential problems with the roof system. 

<h3 style="text-align: center; margin: 0;">STYLE OF ROOF</h3> <p>Basic gable <input type="checkbox"/></p> <p>Basic hip <input type="checkbox"/></p> <p>Lots of gables <input type="checkbox"/></p> <p>Lots of hips <input type="checkbox"/></p> <p>Cut-up <input type="checkbox"/></p>	<h3 style="text-align: center; margin: 0;">EXTERIOR INSPECTION</h3> <p>Length of ridge: _____</p> <ul style="list-style-type: none"> • Signs of damage from inadequate ventilation <ul style="list-style-type: none"> • Heat, moisture damage to shingles; curling, cracking, fish mouting <input type="checkbox"/> Yes <input type="checkbox"/> No • Soffits; peeling paint, signs of leaking from roof <input type="checkbox"/> Yes <input type="checkbox"/> No • Problems with ice dams in the winter months <input type="checkbox"/> Yes <input type="checkbox"/> No • Icicles at edge of roof in winter <input type="checkbox"/> Yes <input type="checkbox"/> No • Uneven snow melt on roof <input type="checkbox"/> Yes <input type="checkbox"/> No • Gutter damage from ice dams <input type="checkbox"/> Yes <input type="checkbox"/> No
<h3 style="text-align: center; margin: 0;">EXISTING EXHAUST VENTS</h3> <p><small>Note: Avoid mixing two different exhaust vents.</small></p> <p>Ridge _____</p> <p>Roof Louvers _____</p> <p>Power Fan _____</p> <p>Turbines _____</p> <p>Gable Louvers _____</p>	<h3 style="text-align: center; margin: 0;">INTERIOR INSPECTION</h3> <p>Square footage of attic: _____</p> <ul style="list-style-type: none"> • Blockage of intake vents (insulation, etc.) <input type="checkbox"/> Yes <input type="checkbox"/> No • Signs of leaks on attic ceiling <input type="checkbox"/> Yes <input type="checkbox"/> No • Signs of damage from inadequate ventilation <ul style="list-style-type: none"> • Moisture damage <input type="checkbox"/> Yes <input type="checkbox"/> No • Rust, dirt on exposed nails <input type="checkbox"/> Yes <input type="checkbox"/> No • Compacted attic insulation <input type="checkbox"/> Yes <input type="checkbox"/> No • Mold, mildew in the attic <input type="checkbox"/> Yes <input type="checkbox"/> No • Blackened plywood <input type="checkbox"/> Yes <input type="checkbox"/> No
<h3 style="text-align: center; margin: 0;">SIZE & NUMBER OF INTAKE VENTS</h3> <p>4 x 16 undereave _____</p> <p>6 x 16 undereave _____</p> <p>8 x 16 undereave _____</p> <p>Continuous Soffit _____</p> <p>Vented Drip Edge _____</p>	
<h3 style="text-align: center; margin: 0;">MINIMUM VENTILATION REQUIREMENT</h3> <p>The Roofing Industry and most building codes require 1 square foot of net free area (open ventilation area) for every 300 square feet of attic floor space. The area must be balanced with:</p> <ul style="list-style-type: none"> • half of the openings at the ridge to provide exhaust ventilation • half of the openings in the soffit or undereaves for intake 	<h3 style="text-align: center; margin: 0;">AIR VENT, RIDGE VENT EXHAUST AREA</h3> <p style="text-align: center;">_____ x 18 (NFA) = _____</p> <p style="text-align: center;">Length of Ridge Exhaust Net Free Area*</p> <p><small>*Note: Based on a ridge vent providing 18 square inches of Net Free Area per linear foot.</small></p>

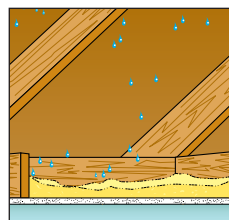
AIR VENT RIDGE VENTILATION SYSTEM



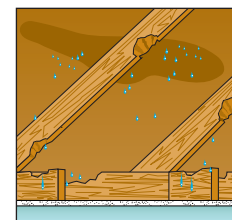
In the summer, heat build-up is minimized so living areas stay cooler and air conditioners run less.



In the winter, ventilation helps keep the roof deck uniformly cool, reducing the likelihood of ice dams and water damage.



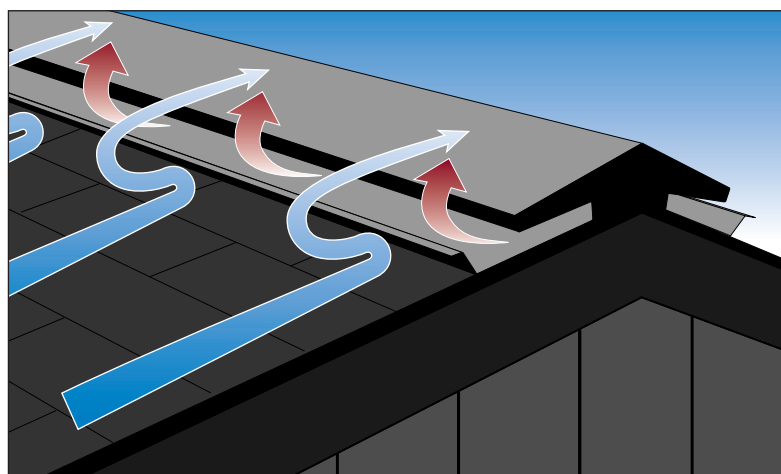
Proper ventilation reduces moisture which can reduce the R-value of some insulation.



Moisture-laden air is removed from the attic before condensation can cause structural damage.

How Air Vent Ridge Vents Work

Air Vent's ShingleVent® II and FilterVent® ridge vents are designed to provide exceptional weather protection and enhanced ventilation. Ventilation is enhanced by the use of an external baffle that deflects wind and weather over the vent and creates low pressure above the vent openings to "pump" air from the attic, resulting in increased airflow rates. Air Vent products also feature a unique weather filter to provide further protection from the elements.



- Low pressure enhances airflow.
- External baffle works at wind speeds as low as 1.5 MPH, and deflects weather away from the attic.
- Unique, internal weather filter provides added protection against weather, dust and bug infiltration.
- Works year-round without energy.

ShingleVent II has a lifetime limited, transferable warranty and FilterVent has a 30-year, limited, transferable warranty. Both products are covered by 5-year "Replacement Plus" protection.

INSTALLATION GUIDE FOR A BALANCED RIDGE VENT SYSTEM

LENGTH OF RIDGE	Linear Feet of Continuous Soffit	INTAKE VENTILATION REQUIREMENT Number of Undereave Vents		
		8" x 16"	6" x 16"	4" x 16"
15'	30	5	6	10
20'	40	6	9	13
30'	60	10	13	19
40'	80	13	17	26
50'	100	16	21	32
60'	120	19	26	39
70'	140	23	30	45
80'	160	26	34	51
90'	180	29	39	58

Note: Most building codes state the *minimum* required net free area. This minimum may not be enough to effectively ventilate the attic to prevent moisture damage and cool the attic enough in the winter to prevent ice dams.