



We protect what matters most™

To: GAF Residential Sales, GAF Contractors, Field Services, AIS, CARE

From: Technical Services Department

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Ensuring Maximum Protection Against Snow Infiltration With Ridge or Hip Vents

<i>Geographic Areas at Risk...</i>	Many geographic areas in North America commonly experience snowfall during the winter months. Typically, these areas are at the most risk for potential snow infiltration through unfiltered ridge or hip vents. However, geographic “borderline” areas, where infrequent or unexpected snowfall can occur, are also at risk of snow infiltration.
<i>Borderline Areas</i>	<p>Some Examples of Geographic “Borderline” Areas (others may exist)...</p> <ul style="list-style-type: none"> ● Virginia ● North & South Carolina ● Oklahoma ● Tennessee ● Higher elevation areas in warm climates
<i>Potential Causes</i>	<p>Leading Causes for Snow Infiltration Through Ridge or Hip Vents...</p> <ul style="list-style-type: none"> ● Unfiltered vents are installed ● Wind-driven snowfall occurs ● Improper installation of vents (not following manufacturer's published instructions) ● Lack of a balanced attic ventilation system (consisting of equal intake and exhaust venting) ● Power attic vents are installed in conjunction with ridge or hip vents (the “short circuit” effect can potentially pull snow in through the ridge or hip vents)
<i>So, What's the Difference?</i>	<p>Most major manufacturers offer ridge or hip vents in both unfiltered and filtered versions.</p> <p>Unfiltered Vents are...</p> <ul style="list-style-type: none"> ● Ideal for warm climates that do not experience snowfall ● Designed and tested to resist wind-driven rain ● Not designed to protect against snow infiltration <p>Filtered Vents are...</p> <ul style="list-style-type: none"> ● Generally used in cold climates and those areas prone to snowfall ● Made with an internal filter which helps resist wind-driven snow from infiltrating attics ● Designed and tested to help resist wind-driven rain and snow

<p><i>Protecting What Matters Most!</i></p>	<p>For Maximum Protection... GAF strongly recommends the use of properly installed filtered ridge or hip vents, in a balanced attic ventilation system, in areas prone to regular snowfall, as well as those geographic “borderline” areas that can occasionally experience significant snowfall.</p>
<p><i>GAF’s Solution... Protection Against Snow Infiltration</i></p>	<p>GAF’s comprehensive line of filtered ridge and hip vents offers you maximum performance and protection in virtually any climate.</p> <ul style="list-style-type: none"> ● 4’ Plastic Ridge with Internal SnowGuard™ Filter: <ul style="list-style-type: none"> ○ Cobra® SnowCountry®, SnowCountry® Advanced & TruSlate® Ridge Vent ● Mesh Roll Ridge Vents: <ul style="list-style-type: none"> ○ Cobra® Exhaust Vent ● Plastic Roll Ridge Vent with Internal WeatherFighter® Filter: <ul style="list-style-type: none"> ○ Cobra® RidgeRunner® ● 4’ Plastic Hip Vent with Internal Dual WeatherFighter® Filter: <ul style="list-style-type: none"> ○ Cobra® Hip Vent <p>Note: GAF also offers Cobra® Rigid Vent 3™, an unfiltered ridge vent, for use in warm climates and those areas that do not experience snowfall.</p>
<p><i>Questions?</i></p>	<p>GAF can be contacted at 800-ROOF-411 (800-766-3411). The GAF website is a great resource for just about any question you may have or for additional information you may require. Please visit www.gaf.com to find the latest information on our products and their installation.</p>