

## 1. Determine Net Free Ventilation Area (NFVA)

Enter the square feet of Attic Floor Space and divide by 300 to determine the required minimum (ft<sup>2</sup>) of NFVA.

Enter Attic Floor Space Area  ft.<sup>2</sup> Divide by 300 to obtain required minimum (ft<sup>2</sup>) of NFVA  ft.<sup>2</sup>

## 2. Determine minimum required ventilation for ridge (exhaust) and soffit (intake)

Divide the required NFVA by 2  ft.<sup>2</sup>  ft.<sup>2</sup> (Minimum required ridge ventilation)  
 ft.<sup>2</sup> (Minimum required soffit ventilation)

## 3. Determine the amount of solar ridge venting to be installed (exhaust)

Provide the Solar Vent Manufacturer and Model Number

Consult the Manufacturer's Published Data Sheet or installation instructions

Provide the Manufacturer's required number of solar vents for the attic floor space to be vented. (exhaust)

## 4. Determine the amount of existing soffit ventilation Measure existing vent opening(s) and enter in form

Size of individual soffit vents (intake)  in. x  in. =  in.<sup>2</sup> x Number of vents  =  in.<sup>2</sup>

Area of soffit vents (in.<sup>2</sup>) divided by 144 (in.<sup>2</sup>)  ft.<sup>2</sup> (area of existing soffit intake)

Size of existing continuous soffit venting (intake)  in. x  lineal ft x 12 in/ft =  in.<sup>2</sup>

Area of continuous soffit venting (in.<sup>2</sup>) divided by 144 (in.<sup>2</sup>)  ft.<sup>2</sup> (area of existing soffit intake)

Additional Soffit intake provided if required. (Size and type)

***In no case shall the amount of exhaust ventilation (ridge) exceed the amount of intake ventilation (soffit). Do not install solar ridge venting on structures that have gable end vents. Solar venting cannot be mixed with other types of ridge venting such as turbines, conventional ridge or powered vents. Solar Ridge Vents require a NOA Product Approval, approved for use in the High Velocity Hurricane Zone. These products can only be installed on Roof Systems for which the applicable testing were performed on.***