

# ROOF VENTILATION CALCULATION (R806) 2015 International Residential Code ®

For A One or Two Family Residential Structure

Applicant	Phone	Email
Project Address		

## MATERIALS (manufacturer and part number)

Soffit:	Ridge:
Sq In of Vent provided: _____ per _____	Sq In of Vent provided: _____ per _____

Area of Main Attic: \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_ square feet  
 Area of Attic: \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_ square feet  
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 Area of Attic: \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_ square feet  
 Sum = \_\_\_\_\_ square feet

Minimum net free venting are to be 1/150 of above sum \_\_\_\_\_ square feet x 144= \_\_\_\_\_ sq in (A)  
 (can be 1/300 if min 40% - max 50% of vent is provided in upper 3' of roof)

Lineal feet of Soffit: \_\_\_\_\_ x depth of soffit: \_\_\_\_\_ = square feet of soffit= \_\_\_\_\_  
 Lineal feet of Ridge: \_\_\_\_\_

(B) Soffit vent provided \_\_\_\_\_ (C) Ridge vent provided \_\_\_\_\_ (D) Total \_\_\_\_\_ (B+C=D)  
 [D must be greater than A]

Area of Other Attic: \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_ square feet (not communicating with area above)

Minimum net free venting are to be 1/150 of above sum \_\_\_\_\_ square feet x 144= \_\_\_\_\_ sq in (A)  
 (can be 1/300 if min 40% - max 50% of vent is provided in upper 3' of roof)

Lineal feet of Soffit: \_\_\_\_\_ x depth of soffit: \_\_\_\_\_ = square feet of soffit= \_\_\_\_\_  
 Lineal feet of Ridge: \_\_\_\_\_

(B) Soffit vent provided \_\_\_\_\_ (C) Ridge vent provided \_\_\_\_\_ (D) Total \_\_\_\_\_ (B+C=D)  
 [D must be greater than A]

If additional calculations are needed, use additional page(s).