HVI TESTED/CERTIFIED

STATIC PRODUCTS

("NET FREE AREA")

PRODUCT CATEGORY

Soffit Ventilators

USE OF HVI LABEL

Companies whose products have been certified by HVI shall affix appropriate Labels to those products

HOW ATTIC VENTILATION WORKS

The principle of attic ventilation is simple: placing air vents as near the roof peak as possible to allow warm air to escape — and intake vents in the soffit or undereaves to allow air to enter the attic area.

Various forms of exhaust vents are available — powered fans, ridge vents, roof vents, turbines, and gable end vents. The intake vents that balance the system are cornice vents and soffit or undereave vents.

The important consideration is that both intake and exhaust vents must be in the system to promote air movement, and they must be in balance. HVI recommends that 60% of the net free area of the required ventilation be placed at the undereave location and 40% at the roof or gable location. HVI guidelines recommend one square foot of ventilator net free area for each 300 square feet of attic floor space. If no vapor barrier is used, the net free area of ventilation should be doubled.

TO CALCULATE NET FREE AREA

To determine your static ventilator needs, first multiply attic length by attic width to find square feet, then divide that number by 300 to find required net free area.

Because most vents are marked in square *inches* of net free area, multiply the above number by 144. The total of static vents you install should equal that number in total square inches. If no vapor barrier is used, multiply the total square inches by 2.

For ease in calculating required static ventilation, request a "HOME VENTILATION & INDOOR AIR QUALITY" guide from the Home Ventilating Institute.

CERTIFIED STATIC VENTILATING DEVICES

QUALITY ALUMINUM PRODUCTS, INC.

Quality Aluminum

MODEL OR SERIES	DESCRIPTION	HVI CERTIFIED NET FREE AREA (SQ. IN.)*
Soffit Vents		
LVP10	Double 5" Lanced V-Panel Soffit	9.6 in²
LVP12	Double 6" Lanced V-Panel Soffit	11.4 in²
CVPT4	Triple 4" Center Lanced V-Panel Soffit	4.9 in²
LVPT4	Triple 4" Full Lanced V-Panel Soffit	14.8 in²
CVPQ4	Quad 4" Center Lanced V-Panel Soffit	6.2 in²
LVPQ4	Quad 4" Full Lanced V-Panel Soffit	10.2 in²
8VTL	8" Vertical Lanced Soffit	10.5 in²

*Per Lineal Feet