

ATTIC VENTILATION CALCULATOR



Calculation Examples:

Perforated Hardie Soffit:

5 sq in/ft × 300 ft = 1,500 sq in NFA

Soffit Screens:

18 sq in × 12 units = 216 sq in NFA

- Total Attic Floor Area (sq ft): _____
- Required NFA (sq in): (Attic sq ft ÷ 300 × 144) ÷ 2 =
intake _____ exhaust _____
- Current NFA (sq in): intake _____ exhaust _____
- Ventilation Shortfall (sq in): intake _____ exhaust _____

Use dry erase marker to fill in during each inspection.

COMMON INTAKE VENT TYPES

Mark number and type of intake vents observed. Estimate total intake NFA.



VENT TYPE:

Perforated Hardie Soffit

AVG NFA (SQ IN):

5 per linear ft



VENT TYPE:

Soffit Screen (16"x4")

AVG NFA (SQ IN):

18 per unit



VENT TYPE:

Gable Vent (18"x24")

AVG NFA (SQ IN):

108 per unit



VENT TYPE:

Edge Vent (4ft)

AVG NFA (SQ IN):

36 per 4ft section



VENT TYPE:

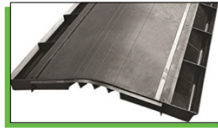
Low Profile O'Hagin Vent

AVG NFA (SQ IN):

72 per unit

COMMON EXHAUST VENT TYPES

Add linear feet or unit count to estimate exhaust NFA.



VENT TYPE:

Ridge Vent (12" wide)

AVG NFA (SQ IN):

18 per linear foot



VENT TYPE:

Aluminum Ridge Vent (10ft)

AVG NFA (SQ IN):

180 per 10ft section



VENT TYPE:

Solar Attic Fan (35W)

AVG NFA (SQ IN):

Not applicable (1775 CFM)



VENT TYPE:

Wind Turbine (12")

AVG NFA (SQ IN):

95 per unit



VENT TYPE:

Low Profile O'Hagin Vent

AVG NFA (SQ IN):

72 per unit

YOUR CURRENT ENERGY BILL:



YOUR PROJECTED ENERGY SAVINGS:

