



Master Flow[®] Roof Louver R50 Metal Square Throat

Remove excess heat and moisture from your attic and protect your roof system from premature deterioration



- Improve energy efficiency by reducing attic heat and your summer air-conditioning load
- Limit the growth of harmful mold and mildew
- Minimize peeling of paint inside and out

Master Flow® Roof Louver R50 Metal Square Throat

Benefits:

- **Allows heat and moisture to escape the attic** on roofs with limited ridge line or when replacing existing roof louvers
- **Square top with square throat** for versatile application, including attic exhaust, kitchen duct outlets, and bathroom fan exhausts
- **50 sq. in. of NFA** per vent (32,258 mm²) helps to provide effective airflow
- Available in **durable aluminum construction**
- **Popular colors** to complement your finished roof
- **Eligible accessory product** in the Attic Ventilation category of GAF residential enhanced warranties¹

Balanced Attic Ventilation:

Balanced attic ventilation means there's an equal amount of air entering it as there is exiting it. The amount of exhaust ventilation at or near the ridge must **never** exceed the amount of intake ventilation at or near the soffits or eaves.

A minimum of 1 sq. ft. of net free ventilation for every 300 sq. ft. of attic floor space is recommended, but always consult local building codes to

ensure compliance with local ventilation requirements. For more information, visit gaf.com/ventcalculator and see the chart below.

How much do I need?

Calculate the total square footage of your attic floor space and then review the chart below for how many Master Flow® Roof Louver R50s are needed:

Total attic sq. footage	Recommended number of R50 Metal Square Throat Roof Louvers	Minimum intake ventilation (net free area in sq. in.)
0 – 1,000	5	250
1,001 – 1,500	8	400
1,501 – 2,000	10	500
2,001 – 2,500	12	600
2,501 – 3,000	15	750

Note: Chart above based on 1:300 rule. Always have a balanced attic ventilation system. In no case should the amount of exhaust ventilation at or near the ridge exceed the amount of intake ventilation at or near the soffit.

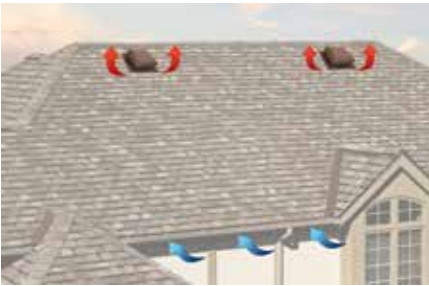
Product Details:

Nominal Specifications

- 50 sq. in. of NFA per vent (32,258 mm²)
- Opening size: 9" x 9" (229 mm x 229 mm)
- Height: 4" (102 mm)
- For roof pitches 3:12 and greater
- Colors available: Brown, Black, Weathered Wood, and Mill

Code Approvals

- Texas Department of Insurance Product Evaluation RV-38
- CSA



1. Warm, moist air escapes attic through the **Master Flow® Roof Louver R50 Metal Square Throat**.
2. Fresh air enters attic through intake vent at or near the soffit.

¹ Although Master Flow® Attic Exhaust Vents count as an eligible accessory product in the GAF Attic Ventilation category, they are covered by either the *Master Flow® Powered Ventilation Products Limited Warranty* or *Master Flow® Ventilation Products Limited Warranty*, depending on the product.



We protect what matters most™

