Master Flow® GreenMachine™ High-Power Solar Roof Vent

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
- Minimize the related attic cooling costs of electric power vents
- Limit the growth of harmful mold and mildew

GAF Master Flow® GreenMachine™ High-Power Solar Roof Vent

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Benefits:

- **Exhausts heat and moisture** from the attic
- **Increased airflow (750 CFM[1])** provides up to 50% more airflow versus typical 500 CFM solar vents.[1]
- **Low-profile design with integrated black-frame solar panel** helps maintain the look of your finished roof.
- **Combo humidistat/thermostat control** included for efficient operation.
- **Independently tested by third-party labs** to ensure performance and compliance to most major building codes.
- **Weather-resistant design** passes the 110 mph wind-driven rain test.[2]
- **Backed by a 6-year ltd. Warranty[3].** It's also an eligible component for GAF residential enhanced warranties.

Also available in Unique Dual-Powered Model:

- **Unique hybrid technology** automatically switches between solar and house power for 24/7 cooling (whether the sun is out or not!)
- **Uses 80% less electricity** vs. standard electric power attic vents[4]
- **Thermostat control** included for efficient operation

Balanced Ventilation:

Balanced attic ventilation means there's an equal amount of air entering it as there is exiting it. The amount of exhaust ventilation must **never** exceed the amount of intake ventilation at the soffits or eaves. GAF recommends a minimum of 1 sq. ft. foot of net free ventilation for every 300 sq. ft. of attic floor space. Always consult local building codes for specific ventilation requirements.

How Much Do I Need?

Calculate the total square footage of your attic floor space and then review the chart below for the recommended amount of Master Flow® Green Machine™ High-Power Solar Roof Vents:

Total attic sq. footage	Recommended number of High-Power Solar Roof Vents	Minimum Intake Ventilation (net free area in sq. in.)
1,600	2	720
3,200	3	1,080
4,800	5	1,800

Note: Always have a balanced attic ventilation system. In no case should the amount of exhaust ventilation exceed the amount of intake ventilation. Visit **www.gaf.com/ventcalculator** for more details.

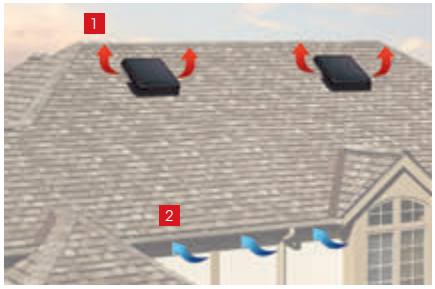
Product details:

Nominal Specifications

- **CFM Airflow[1]:** Up to 750 (Solar), 900 (House power)
- **Solar Panel Wattage:** 30 Watts
- **For roof pitches** 2:12 - 12:12
- **Opening Size:** 15" (381 mm)
- **Humidistat/Thermostat** included on Solar-Powered model
- **Thermostat** included on Dual-Powered model

Code Approvals & Standards

- Miami-Dade County Product Control approved
- State of Florida Approved
- Texas Department of Insurance Product Evaluation RV-62
- ETL Listed



1. Warm, moist air is exhausted from the attic through the **Master Flow® GreenMachine™ High-Power Solar Roof Vents**
2. Fresh air enters attic through intake vent at the soffit or eave

[1] Based on GAF ASHRAE/ANSI standard airflow testing.
[2] Under controlled laboratory testing conducted by GAF.
[3] See *Master Flow® Powered Ventilation Products Limited Warranty* for complete coverage and restrictions.
[4] When running on house electric power.

We protect what matters most™