



# Master Flow<sup>®</sup> GreenMachine<sup>™</sup> Dual-Powered Roof Vent



- 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

# Master Flow® GreenMachine™ Dual-Powered Roof Vent

## Benefits:

- **Exhausts heat and moisture** from the attic
- **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<sup>1</sup>
- **Thermostat control** included for efficient operation
- **Fully adjustable, impact-resistant** solar panel
- **Brushless motor** requires no maintenance
- **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<sup>2</sup>
- **Backed by a 5-year ltd. Warranty<sup>3</sup>.** It's also an eligible component for GAF residential enhanced warranties.

## 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™ Dual-Powered Roof Vents:

Total attic sq. footage	Recommended number of Dual-Powered Roof Vents	Minimum Intake Ventilation (net free area in sq. in.)
1,600	2	480
2,400	3	720
3,200	4	960

**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](http://www.gaf.com/ventcalculator) for more details.

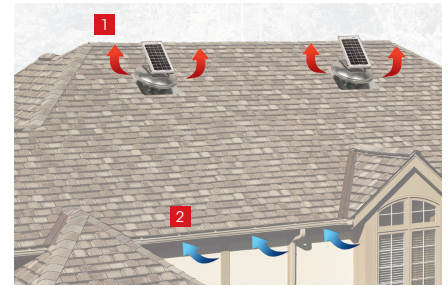
## Product details:

### Nominal Specifications

- **CFM Airflow<sup>4</sup>:** Up to 500 (solar), 750 (house power)
- **Solar Panel Wattage:** 15 Watts
- **For roof pitches:** 2:12 – 12:12
- **Opening Size:** 15" (381 mm)

### Code Approvals & Standards

- Miami-Dade County Product Control Approved
- State of Florida Approved
- Texas Department of Insurance Product Evaluation RV-38
- ETL Listed



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

<sup>1</sup> When running on house electric power.

<sup>2</sup> Under controlled laboratory testing conducted by GAF.

<sup>3</sup> See Master Flow® Powered Ventilation Products Limited Warranty for complete coverage and restrictions.

<sup>4</sup> Based on GAF ASHRAE/ANSI standard airflow testing.



We protect what matters most™

