



Wind Turbines

Master Flow® Wind Turbines are the most advanced, easy-to-install turbines for roofing application. They're designed with upper and lower stainless steel bearing systems for years of trouble-free operation, and are backed by a Lifetime limited warranty against manufacturing defects.*



Externally & Internally Braced Wind Turbines

- **Quiet and Durable...** Exclusive stainless dual-bearing system for durable, long-lasting, smooth, and quiet operation
- **Super Leak Protection...** Double-ribbed vanes, with convex top, direct even wind-driven rain away from the unit
- **Protects Your Investment...** Allows heat and moisture-laden air to escape your attic, helping to extend the life of your roof
- **Versatile...** Can be installed on virtually any roof, from 2:12 up to 12:12 pitch
- **Peace of Mind...** Eligible for up to a Lifetime limited warranty backed by GAF, North America's largest roofing manufacturer*
- **Promotes Energy Efficiency...** By exhausting super-heated air from your attic!



Externally Braced

Internally Braced



Texas Department
of Insurance
RV-37 & RV-38
(GC12EF, GIC12,
AIC12 & AIC14 only)

State of
Florida Approved
FL5027
(GC12EF only)

*See Master Flow® Ventilation Products Limited Warranty for complete coverage and restrictions. The word "Lifetime" means as long as you, the original owner or the second owner, own the property where the Master Flow® Turbines are installed.

ASSEMBLY (HEAD & BASE)

- **Simple, Mechanically Locked, Two-Piece Design...** Allows for faster, easier installation

BASE

- **Pre-Punched Bottom and Crimped Collar...** Fits tighter, makes installation easier
- **One-Piece Design...** For easy adjustability 2:12 to 12:12 pitch without removing turbine
- **Extra-Large Flashing...** For easier installation and superior weather protection

HEAD

- **Heavy-Duty Steel Spider Braces...** For strength and durability
- **Bottom Ring Included...** For easier and faster installation on base and superior weather protection

INTERNAL DUAL-BEARING SYSTEM

- **Encased Design...** Helps prevent dirt, dust, sand, and other foreign materials from damaging the bearings, resulting in a smoother spin
- **Permanently Lubricated Track System...** Ensures years of trouble-free spinning
- **Special Design Prevents Metal-To-Metal Contact...** Results in less friction for a truer, smoother spin and superior wear resistance

Replacement Wind Turbine Heads

- **Large Assortment...** GAF offers a broad line of replacement wind turbine heads to fit most Master Flow® and other popular brand wind turbine bases



Original or Replacement Head

Replacement Wind Turbine Adjustable Bases & Weather Caps



- **Simple Adjustment...** Bases adjustable for roof pitches 2:12 to 12:12
- **Protects...** Weather caps can be used to replace turbine heads during anticipated severe weather conditions

PRODUCT SPECIFICATIONS & USAGE

RECOMMENDATIONS (Based on the 1/300 Attic Ventilation Rule)

Master Flow® Wind Turbines (Externally Braced & Internally Braced)

Total Attic Square Footage	Recommended Number Of Turbines ¹		Minimum Intake Ventilation (Net Free Area In Sq. In.)
	12"	14"	
0-1000	2	2	240
1001-1500	2	2	360
1501-2000	3	2	480
2001-2500	4	3	600
2501-3000	4	3	720
3001-3500	5	4	840

¹ Based on wind velocity of 8 mph.

Master Flow® Wind Turbines Style & Color Availability

Mil	Black	Weathered Wood	Size	Construction	Bracing
AIC14	AIC14BL	AIC14WW	14"	Aluminum	Internal
GC12E	—	GC12EWW	12"	Galvanized	External
GC12EF	—	—	12"	Galvanized	External
GIC12	GIC12BL	GIC12WW	12"	Galvanized	Internal
AIC12	—	—	12"	Aluminum	Internal

Replacement Wind Turbine Heads Style & Color Availability

Mil	Black	Weathered Wood	Size	Construction	Bracing
ATH12IMI	—	—	12"	Aluminum	Internal
ATH14IMI	ATH14IBL	ATH14IWW	14"	Aluminum	Internal
GTH12IMI	GTH12IBL	GTH12IWW	12"	Galvanized	Internal
GT12E	—	GTH12EWW	12"	Galvanized	External

Replacement Wind Turbine Adjustable Bases & Weather Caps

Part Number	Type	Construction
SBX12	Adjustable Base	Galvanized (Fits 12" Turbines; 1 Per Case)
WC 12	Weather Cap	Galvanized (Fits 12" Turbines; 15 Per Case)

Note: Always have a balanced attic ventilation system. The amount of exhaust ventilation should NEVER exceed the amount of intake ventilation.