

Wind Turbines

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.



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...** Lifetime ltd. warranty backed by GAF, North America's largest roofing manufacturer*
- **Promotes Energy Efficiency...** By exhausting super-heated air from your attic!



(GC12EF only)

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

State of Florida Approved
FL5027
(GC12EF only)

ASSEMBLY (HEAD & BASE)

- **Simple, Mechanically Locked, 2-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

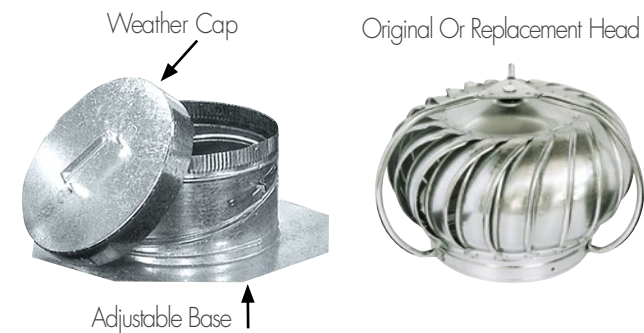
HEAD

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

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 Turbine Heads, Bases & Weather Caps



- **Replacement Head...** Fits most Master Flow® and other brands of turbine bases
- **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 1/300 Rule)

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

Total Attic Square Footage	Recommended Number Of Turbines†		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

† 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 Turbine Heads, Bases & Weather Caps

Part Number	Type	Construction	Bracing
GT12E	Head	Galvanized (Fits 12" Turbines; 1 Per Case)	External
SBX12	Base	Galvanized (Fits 12" Turbines; 1 Per Case)	N/A
WC 12	Weather Cap	Galvanized (Fits 12" Turbines; 15 Per Case)	N/A

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