



Blowing Force is More Than CFM

The Rest of the Story

When comparing the blowing force of Billy Goat Force™ Blowers to other blowers on the market that claim more “CFM”, Force™ Blowers move debris farther. Here’s the rest of the story:

- A ceiling fan puts out a lot of CFM but does little work. 
- It’s the combination of CFM and Pressure that does work.

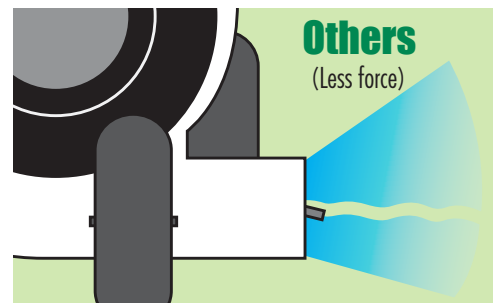
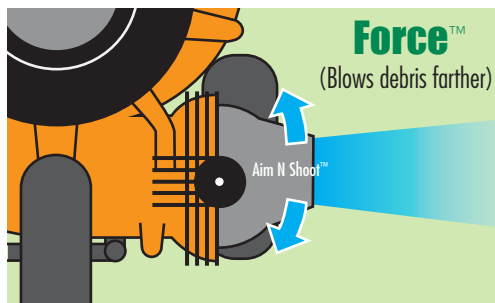
For example:

- Pneumatics (cfm x psi = work)
- Hydraulics (flow x pressure = work)



- The combination of CFM and Billy Goat’s **necked down discharge** creates the **highest pressure and discharge velocity** in the industry, which produces the **most work** when compared to other blowers on the market.

Engine Size	Others Discharge Size	Billy Goat Discharge Size	Billy Goat Creates More Blowing Force
170 cc	14.8 Sq. Inches (split)	9.6 Sq. Inches	35% Tighter (Blows Debris Farther)
270 cc	25.8 Sq. Inches (split)	12.6 Sq. Inches	52% Tighter (Blows Debris Farther)
390 cc	25.8 Sq. Inches (split)	19.6 Sq. Inches	24% Tighter (Blows Debris Farther)



Engine Size	Others Velocity	Billy Goat Velocity	Billy Goat Velocity Advantage	Billy Goat Weight Advantage
170 cc	126 mph	167 mph	33% More	34% Lighter
270 cc	120 mph	186 mph	55% More	15% Lighter
390 cc	130 mph	177 mph	36% More	18% Lighter

Combine blowing force with significantly lighter machines (up to 34% lighter), Aim N Shoot™ that directs airflow exactly where you need it, and advanced fan technology – **for the ultimate leaf power** this season!



10 Reasons to Choose Billy Goat® Blowers

- 1. Billy Goat blowers are up to 34% lighter!**
 - Steel is heavier to push
 - Better productivity and comfort
- 2. Billy Goat blowers blow debris farther!**
 - Up to 52% more debris blowing force and up to 55% more air velocity
- 3. Billy Goat blowers are quieter!**
 - Steel corners cause loud turbulent flow
 - Less noise pollution
- 4. Billy Goat blowers have 2x the fan blades of most!**
 - Advance composite housing and fan
 - Smooth powerful airflow
- 5. Billy Goat blowers won't rust or dent!**
 - Backed by 5 year limited warranty
 - Only full line of advance composites
- 6. Billy Goat blowers offer self-propelled!**
 - Ultimate in cleanup ergonomics
 - All but 6 hp (lowest weight in class)
- 7. Billy Goat blowers offer "Aim n Shoot"™ standard!**
 - Directs air flow from the handle
 - Throws debris farther
- 8. Billy Goat blowers offer time saving accessories!**
 - Quick trailer attachment
 - Parking brake for hills
- 9. Vanguard® Powered units require less maintenance!**
 - Air filter changes at 600 hours and oil at 200 hours. 2X that of others on the market.
- 10. Vanguard's Transport Guard® feature prevents fuel and oil dilution during transport!**

**5-year
Limited
Housing
Warranty
(9-18hp)**



Largest line-up of blowers on the market from 6 to 35 gross hp*.

*Power rated by engine manufacturer.
Vanguard: All power levels are stated gross horsepower at 3,600 RPM per SAE 11940 as rated by Briggs & Stratton.



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Take the chore out of the chore with Billy Goat!

POWERED BY
VANGUARD

POWERED BY
HONDA