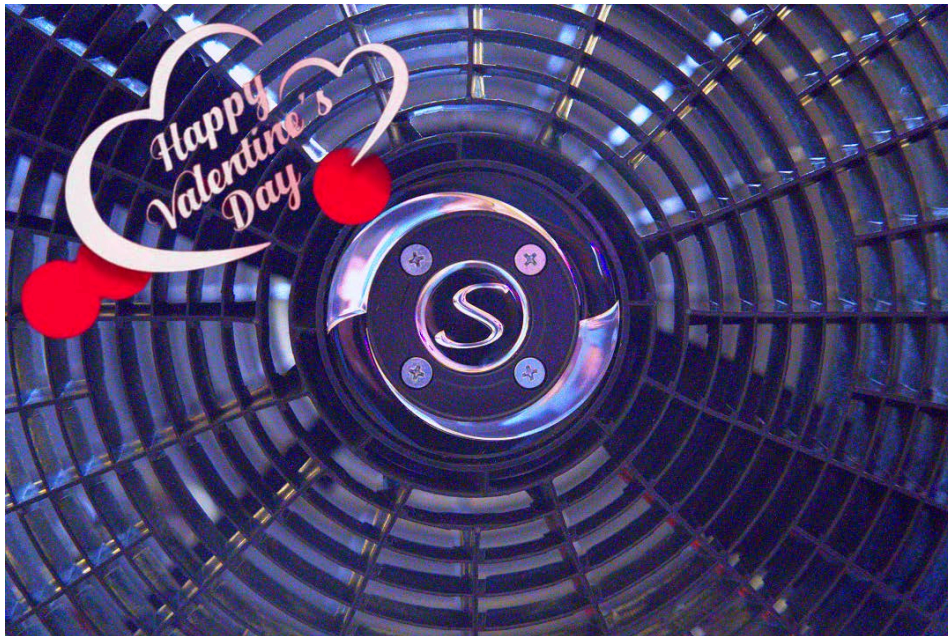




February 2025 Newsletter



Hello BlowHard Fans!

February is here and we're sharing more of what we're *in love* with...deeper knowledge!

Last month we showed how you've *got* to factor in the *Thrust/Momentum* of an airstream in order to accurately determine the Performance of any PPV fan and its ability to ventilate or pressurize. You might have high CFM, but no pressure within it to drive air through the structure.

[Subscribe](#)[Past Issues](#)[Translate ▼](#)***Airstream Entrainment...***

Education Station

Airstream Entrainment

There are 3 different types:

Venturi

Viscus Drag

Turbulent Mixing

****Rather than buying off-the-shelf parts and being unaware if entrainment is occurring, BlowHard *starts* with the above physics in our engineering to ensure our fans maximize efficient entrainment by leveraging both Venturi and Viscus Drag!**

video:

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****As always, please reach out with any questions!**
rhadlock@blowhardfans.com

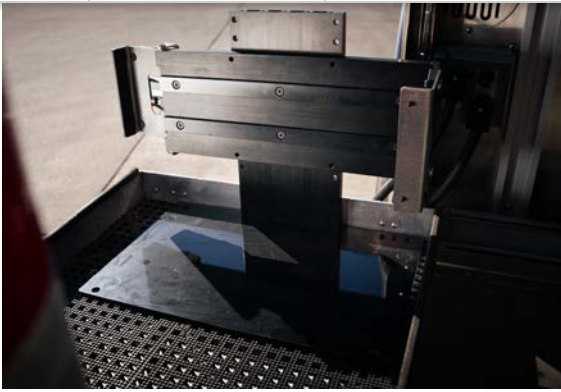
Did You Know?

BlowHard Has **NEW** Accessories!

Truck Mount:

The BlowHard Truck Mount is FAN SPECIFIC and is currently offered for the Squirt only. No more worry of a fan falling in transit causing damage to it or other tools on the fire truck!

This robust Truck Mount keeps the Squirt safe and secure while at the same time keeping the space compact and tidy!

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Misting Ring:

The Misting Ring is UNIVERSAL to all BlowHard Fans. It is magnetic for fast and easy set-up. With 8 nozzles blowing out cool mist, it is perfect for firefighter or civilian heat recovery!



High-Flow Mister:

The High-Flow Mister is also UNIVERSAL to all BlowHard Fans and magnetic. Super popular in Europe, the High-Flow Mister puts out a powerful 60L per minute wall of water to create a protective wall between buildings to stop fire from jumping and spreading.

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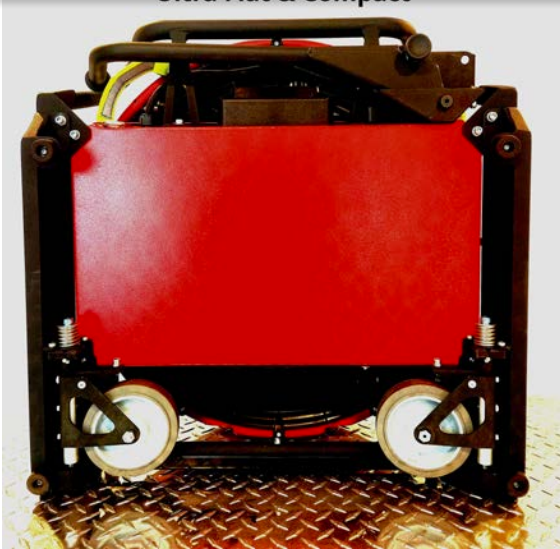
Ducting:

The BlowHard Ducting is FAN SPECIFIC. It's 31 ft long and comes in two diameters for Squirt and Quickee and one for the Commando. It fits snug around the shroud and stays connected to its case for easy deployment and repackaging. BlowHard Ducting makes it quick and easy to get fresh air into small, difficult to reach places.



Commando Wheel Kit:

To help with ground maneuverability, the Commando Wheel Kit is a great option for this larger, more powerful fan. Because the wheels and handle open & close, you have the option to keep them tucked in for carrying or opened to wheel on the ground. This unique design also keeps the size of the fan compact for optimal storage on the apparatus.

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In case you missed last month...

Education Station

****BREAKING NEWS!****

BlowHard is challenging the industry's historic standards!

Using only CFM to define a fan's capabilities leaves you without important key metrics that you need to know in order to make critical decisions.

What's more, PPV manufactures inflate those numbers

(not used real-life PPV firefighting situations)
to make them look more impressive.

This is deceiving, confusing, and creates a disservice to both the industry and firefighters using these products.

Education is KEY and its BlowHard's mission
to accomplish two things:

- 1) Equip you with precise knowledge and understanding of the physics of **any** PPV Fan's Performance and its ability to generate power into its airstream.
- 2) To put this knowledge and control into your hands, giving you the ability to conduct your own tests, generate accurate numbers, and obtain key performance metrics.

You will no longer need to rely on manufactures (including BlowHard) or clever marketing/advertising to make important decisions.

We understand that this may ruffle some feathers,
but we're ready, we're backed by science,
and we always walk the walk!

Today we begin the journey with this video...

PLEASE ask questions!
rhadlock@blowhardfans.com

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of needing to Pressurize, Ventilate or both. Do you choose your airstream's High-Pressure state or High-CFM state?

Where do you place the fan based on that answer?

And you've been told your fan has "x" amount of CFM, but does that CFM have enough velocity/pressure to do the work?

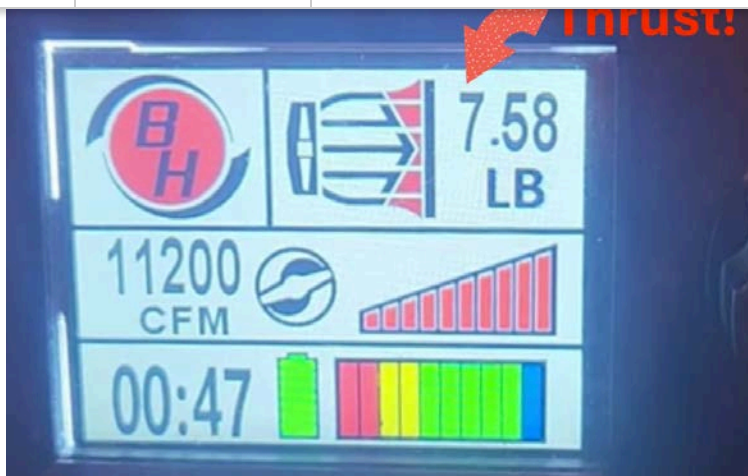
You've GOT to know your
Fan's **Performance Potential**.

It's not just CFM, but

Momentum / Thrust:

video:



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Blowhard
displays **Thrust**
on Squirt's
dynamic LCD
screen, so you
know its
Performance
Potential as you
adjust it and can
compare it to any
other fan!

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