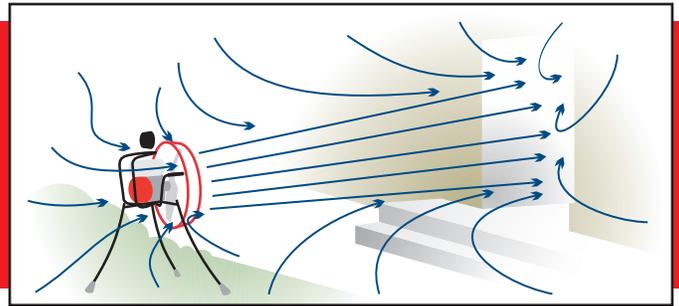


2 Secrets for Best Performance

For best performance from your VENTRY® FAN...

1. Always extend the Legs when the fan is in use.
2. Place the fan 8 to 12 feet back from the target.

These quick and easy steps result in important safety and performance benefits, although they may seem odd at first to those who've trained only with conventional on-the-ground fans.



See videos on VENTRY.COM in which a woman, 9 months pregnant, demonstrates the legs easily and without lifting.

Why extend the Legs?

Legs on VENTRY FANS add versatility and **maximize air volume**. The higher the air volume the better for effective ventilation. VENTRY® SAFETY PROPELLERS pull in air from many directions — above, behind, and even below. If raised, the fan won't be trying to pull air out of the dirt; as more air is able to reach and supply the propeller, CFM increases. See diagram below. **Always extend the legs (a minimum of six inches) when you run your VENTRY FAN.**

Extending the legs on a VENTRY FAN will also increase scene safety and make your high performance Safety Propeller last a very, very long time by preventing debris pick-up.

Why place the fan so far back?

With VENTRY FANS, it is better to err on the side of being too far away than too close!

In general, air volume is highest at about 8 feet from the door. It then drops off slowly as the fan gets farther away, but drops off very quickly as the fan is placed closer and closer to the door.

When a PPV fan blows air in and smoke pours back out the top of the door, **the fan is too close to the entry point**. It is the tight, narrow air cone produced by the Safety Propellers which allows VENTRY FANS to be placed far back from the target and **entrain air through the entrance** as shown in the illustration at the top of this page.



Adapted from <http://www.me.utexas.edu/~ezekeye/rsch.dir/documents/TravisHouseStudy.pdf>

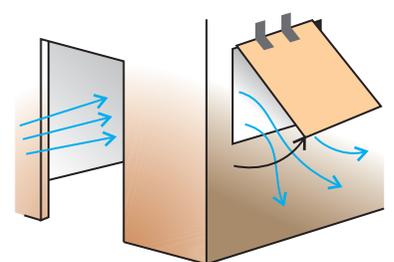
Placing the fan far away from the target also keeps the access clear and the fan well out of the way. **Your fan should never be an obstacle to firefighting crew and victims!**

Simple test to demonstrate benefits

These recommendations are based on **decades of direct firefighting experience**, customer feedback, and third party testing. Results will vary with conditions and are specific to VENTRY FANS. We encourage all customers to experiment with their fans to learn and implement the best practices for the conditions in which they operate.

One simple test: Tape a piece of cardboard over an exit point and observe how high it flies during ventilation (see illustration at left). You may need to steady the cardboard by adding a little weight to it. Try ventilating with the fan legs extended and retracted for comparison. Also try placing the fan at different distances from the door. The results should be dramatic.

All leg adjustment knobs have neon yellow “dots” to emphasize the benefits of extending the Legs. If your VENTRY FAN needs dots, call us for a **free visibility upgrade**.



Questions and comments? Call us. We have experts on staff who are happy to discuss. **See VENTRY.COM for more tips, testing, and training ideas.**



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