Operation Manual

Please take a moment, and let us explain this device to ensure you reach peak performance. The Demo Air Net was designed to meet the varied and often unpredictable needs of men and woman who work in an environment where airborne contaminates create a problem with health and safety. Unlike many forms of protection the filter is designed to both demonstrate its efficiency by visibly changing as it captures the dust contaminate and be easily adaptable as the needs of the work place change.

It is important you have a clear understanding of how our device works, on a microscopic level. The level of airflow passing thru the filter is specifically designed not to disrupt airflow outside the filter wall. It has been proven that the intake of the assembly can capture dust along the outside walls of the filter as well. This is why we say the assembly clears in 360 degrees; therefore elevating the assembly off the ground is very important. The fabrics breathing rate is specific to maximize the rate of filtration, and is washable and yet retains its filtration characteristic.

After extensive testing, we realized that it is a very small setting which a particle of dust can be captured, yet allows airflow to persist. Lesser fabrics are cheaper, but won't resist the expansion and contraction of washing and won't trap all the varied airborne threats we filter out in high volume.

When you size the fan to be used, its CFM represents the exchange rate of air passing thru the fan. The higher the CFM the faster you approach outpacing the rate of contamination. Simply said you will see a point reached at which the filter keeps the air clean during work that is contaminating the space when properly sized, deployed. The key is the fan's CFM, raise the ability of the fan, and you raise the rate of filtration.

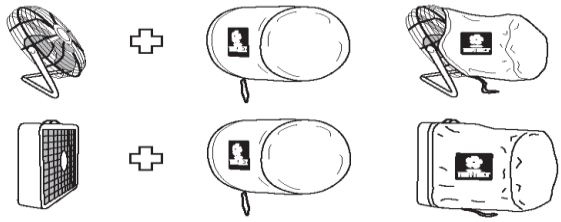
In the following paragraphs you will learn the 9 secrets to unleashing the full potential of this device. You will also be instructed on cleaning, as well as the ideal operating conditions and how to obtain them.

Attaching to the fan:

1. Shut off the fan. Remembering you will be strapping the filter to the discharge end of the fan.
2. Lay the fan on its back, intake side down.
3. The filter bungee cord is built to be kept tight. The bungee you can tie into a knot like your shoes, and leave it tied. Smaller versions have cord stops to assist in grabbing the fan cage.
4. Strap the filter to the fan, ensuring you are not blocking the intake.
5. You must ensure it is completely strapped all the way around the cage of the fan. Do not assume it is secure, start the fan and test the grip.

6. If the net blows off, you need to tighten the cord more, or ensure you are at the center point of the cage, completely around the cage.

7. REMEMBER TO STOP THE FAN BLADES COMPLETELY BEFORE REMOVING THE FILTER FOR CLEANING, OR TRANSPORTING.



9 key points!

Deploy early: So the fan gains control of the air movement, and leave running. Studies have shown that it will be clearing a microscopic size dust that is virtually naked to the human eye.

Stabilize: Keep the room free of breezes. A stable target is easier to take control of. Close windows and doors. On some occasions it helps to have a small cross breeze, but usually not.

Position: Put the intake of the fan aiming toward the point of contamination. If pulling away from people as well, even better.

Elevate: The assembly works in 360 degrees, so get it off the floor. Yes you can suspend from the ceiling as well.

Blade speed: Slower speeds for very fine dust like drywall or coal. Medium speeds for heavy dust like concrete, insulation and saw dust. Watch and see what works the best for your conditions.

Kill zone: Keep in mind that the intake area is probably, the highest level of dust meaning high danger of excessive exposure so avoid working in the area in front of the fan intake.

Face mask: Should be used as the final line of defense.

Transporting: The filter can be easily transported in its carrying case, and or a trash bag if dirty. When severely polluted we pre rinse in buckets of water, then at end of day we transport to clean.
Cleaning: Notice how white the fabric is when you start. You will notice that the seams will start darkening as it is used. Cleaning after exposure is essential for solid performance to be realized.

WASHING

When you are done for the day, and you have exposed the Demo Air Net to dust, you need to wash it inside out on gentle, then air dry. Pre-rinsing is advised when severely contaminated, we use a bucket of clean water. Do not expose yourself or others to the dirty net, utilizing a plastic garbage bag so you can transport without risk. If shaken into waste container outdoors, to empty be aware of direction of prevailing winds.

If capturing highly toxic particulates, please follow Industry standards of disposal governing such dust.

We simply air dry in 2 minutes…