



## Examples of Dry Fog Solutions:

- Ultra-Pure Water
- Compost Extracts
- Organic Oils
- Flavonoids
- Terpenes
- Biologics
- Sanitizers
- Sterilizers

1. **QuadFogger™** Factory Tested and Calibrated for Optimal Dry Fog
2. Four Red Caps (To protect the nozzle heads)
3. Four Replacement Nozzle Heads (**Nozzle Heads Break Easy so be Careful**)
4. Ten Feet of 3/8" Air Tubing and 3/8" Ball Valve to turn air OFF and ON
5. Ten Feet of 3/8" Water Tubing with 3/8" Bulkhead Fitting

**Description:** The **Quadfogger™** is a compressed air atomizer which can be used for a number of different industries and use cases. Simply connect to a solution reservoir and compressed air source. Dry Fog solutions can be applied to greenhouses, ag structures and even indoor rooms. Always use caution when applying dry fog solutions.

**Efficiency:** The **Quadfogger™** consumes approximately 8 gallons per hour of solution. There are different factors that affect the actual consumption of solution so it best to monitor this function. Dry Fog solutions can be created using different ratios of specific inputs known as dilution ratios. Dilution ratios can be decreased which lowers your input costs. Also, the **QuadFogger™** offers better Bio-Availability of whatever you decide to put into your solution. The low-pressure atomization is ideal for a number of different biologic, water based and oil-based solutions.

### Each Package Includes the Following Items:

**Air Requirements:** There are numerous factors that affect the fluid dynamics of compressed air. On top of that, air compressor manufacturers often overstate their compressor specs in order to sell more units. The large compressor companies such as Ingersoll Rand and Atlas Copco are exceptions, they typically have more accurate output specs. I have personally tested numerous compressors that do not keep up with stated outputs. That all being said, The **Quadfogger™** needs 4 SCFM of Compressed air at 60 PSI. We found the **Quadfoggers™** work best between 40 and 60 PSI. Try to oversize your compressor to 8 CFM of compressed air at 60 PSI to compensate for potential line loss in your system. Adjust the pressure on the air regulator to fine tune the fog. If you are seeing larger droplets coming from the **Quadfogger™** try decreasing or increasing the air pressure. We recommend using an oil-free air source or a scroll compressor with very good filtration. Reducing pipe and fitting sizes will restrict the air flow to the **Quadfogger™**. The Air Tubing can be attached to solenoid valves for automated operation. Ultimately systems can be built around this product for large scale fogging. Seek a professional compressed air plumber with significant field experience.

**Reservoir Solutions:** Each **Quadfogger™** comes with 10 feet of water line and a bulkhead fitting to connect to a reservoir, 5 Gallon Bucket or whatever you are storing your solution in. You can now atomize solutions.

**DISCLAIMER:** AeroScience shall in no event be liable for consequential damages or liabilities arising from the use, failure, misuse or negligence of use of our products. We do not guarantee any specific micron size outcome to the droplet size of your dry fog nozzle, product or system. There are many factors affecting fluid dynamics which in turn affect the function of the nozzles. Things like, the starting air temperature and humidity of the room, along with the water and air line distance, pressure and flow, along with atmospheric pressure and the density and weight of the solution come into play and effect outputs. For the reasons stated above no express, implied or statutory warranty other than herein set forth is made or authorized by AeroScience. For more information on this product visit our website.

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