

# Ventilation Systems for Unique Needs



## Odor Control

Ideal for large-scale manufacturing plants, wastewater plants, rendering facilities, or any other large scale facility dealing with fumes, chemicals, or pesticides. Odor Control fans are a perfect choice for improving worker health and conditions, providing them with cleaner air. We recommend the [Jaybird OSRM Aquafof](#) fans specifically designed for odor control.



## Humidification

For growing tropical plants, orchids, cannabis, or any other crop where warm, damp environments are needed, humidification plants are the ideal solution to ensure high density humidity up to 100%. We recommend high tank capacity fans that are rated for maximum output such as the [Jaybird HRSM Aquafof](#) models.



## Ventilation

Proper airflow is one of the most crucial elements for growing healthy plants. Pockets of dead, hot, or cold air that just sit with little movement can be detrimental to plant health and keeping fresh oxygen flowing ensures they are getting enough nutrients. For proper ventilation, we recommend the [Jaybird GT-500 Aquafof](#) fan for your ventilation needs.



## Chemical/Pesticide Fogging

There's nothing worse than tending to your plants every need for months, only for some pests to eat through them in just a few short hours. Manually spraying chemicals or pesticides can be time consuming, thus why a fan that can properly atomize and spread them evenly across your plants is so important. For this, we recommend the [Jaybird CRSM Aquafof](#) fan made specifically for Pesticide Fogging.

# Ventilation Systems for Unique Sizes

## Personal or Family Use (6' x 8' or 8' x 12')

For most residential greenhouses, lower noise fans are recommended so as not to be heard inside the home or by next door neighbors. For most people, this looks like a light-duty fogging, misting, or ventilation fan that can be hung up easily and moved often.

In the U.S., a 60Hz, 40-100% Humidification fan at a height of 10' is going to be your best option for most personal or family use situations. Fans such as the [GT-500-15](#) or the [GT-HS-115](#) are ideal as they are built for the average home greenhouse in mind, keeping costs low and efficiency high.



## Retail Use (20' x 20')

For most retailer or open-air garden centers, lower noise fans are recommended to not disturb guests, but louder ones can be used with higher ceilings or outdoor spaces. For most businesses, this looks like a standard-duty fogging, misting, or ventilation fan that can be hung up easily and moved often.

In the U.S., a 60Hz, 40-100% Misting and Fogging fan at a height of 12' is recommended for most retailers. Fans such as the [XE-2000](#) or the [SS 700](#) are ideal as they are built with retailers in mind with their easily adjusted misting, cooling, and fogging settings as well as their low maintenance.



## Commercial Use (100' x 100')

For most commercial greenhouses, louder, more powerful fans are able to be used to the larger spaces to mitigate the noise. Typically, this looks like an industrial/heavy-duty chemical and pesticide fogger or a misting and ventilation fan.

In the U.S., a 60Hz, 80-100% Humidification fan at a height of 20' is best for industrial or commercial greenhouses. Fans such as the [XE-ORSM](#) or [XE-CRSM](#) are ideal as they are built for maximum efficiency, misting propagation, chemical fogging, and high capacity water tanks for long term usage.



[Shop Ventilation Systems](#)

# Recommended Ventilation Systems

## For Residential Misting & Fogging



[Jaybird A-XE-2000-RF](#)



[Jaybird JG-GT-500-HS-115](#)

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## For Retail Ventilation & Humidification



[Jaybird XE-HRSM-2000-SST](#)



[Jaybird JG-SS-700-HS](#)

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## For Industrial Odor Control & Pesticide Fogging



[Jaybird JG-XE-ORSM-2000-50HZ](#)



[CoolAire COOL-101](#)