



Debunking Vertical Farming Myths: Top 5 Misconceptions Cleared

eBook Series

Myth #1 : Implementing a **multi-tier system** in a cannabis cultivation facility is **too expensive** to be worthwhile.

Debunked:

While there may be higher initial setup costs, the space optimization, increased yield potential, precise climate control, adaptability, labor efficiency, and the ability for year-round cultivation make multi-tier systems more cost-effective in the long run. These benefits not only enhance overall efficiency but also contribute to a quicker return on investment and a more consistent, high-quality yield, outweighing the perceived higher initial expenses.

For example, let's assume you have 300 sf of canopy on a single tier. What's another 300 sf of canopy worth when going to a second tier?

300 sf x 65 grams / 454 (convert to lbs) x 5.5 runs a year =
236lbs @ \$1200/lb that's an additional **\$283,480** per room!





Myth #2: Multi-Tier Indoor Cannabis Systems are Difficult to Work On.

Debunked:

Ergonomic design features, like adjustable shelves and smart space management, ease the physical strain on workers. Providing better access to information and training, as well as customization and growth options, enables growers to tailor systems to meet their unique needs and skill levels. Moreover, technological improvements, including automation for irrigation and lighting, simplify tasks that usually require a lot of effort. While multi-tier systems may initially seem complex, they can become as easy to use as traditional single-tier setups with the right knowledge and setup.

GROW DECK AN INTEGRATED CATWALK SYSTEM:

No more wondering about the best way to efficiently service the upper levels of your commercial operation. Our Grow Decks' one-of-a-kind design makes working on higher tiers an easier, safer, and more versatile experience than ever before.

Myth #3: Proper **airflow** is unattainable in multi-tier setups

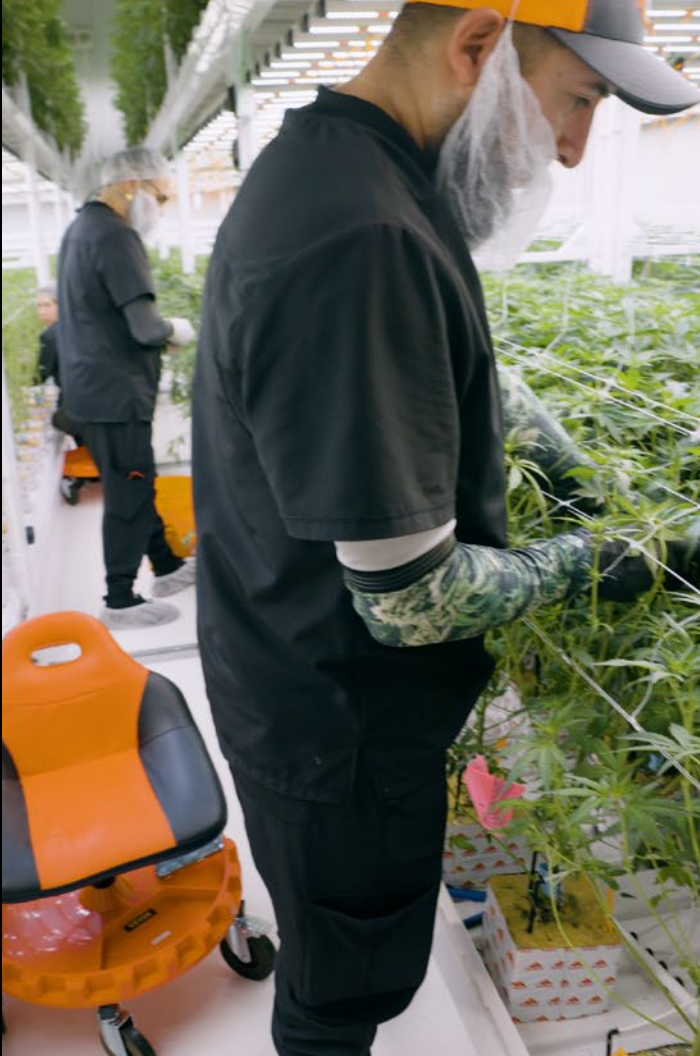
Debunked:

Old school oscillating fans won't be much help for multi-tier but, purpose-built integrated in rack airflow provides a simple, elegant and manageable solution that creates consistent conditions for the front, back and the bottom and top tiers. This lets you manipulate airflow in the space thus driving phenotypic expression and helping you achieve the highest quality, and price per pound. Environmental monitoring and automation further enhance control, dispelling the notion that proper airflow is unattainable in multi-tier setups.

AIRGLIDE A MODULAR AIR CIRCULATION SYSTEM:

Our system was designed using fluid dynamic principles to ensure maximum efficiency through installation, use, and maintenance. Built for modularity, AirGlide can be customized to any length, adapted to any racking system, and paired with any grow lights.





Myth #4: **Aisles** in Multi-Tier Cannabis Systems are **difficult to access.**

Debunked:

Modern designs prioritize efficiency. The flexibility of these systems allows for the separation of aisles, enabling separate team members to collaborate seamlessly on tasks like defoliation and trellising. This adaptability, combined with our track system, galvanized wheels, and a lockable hand crank, gives you effortless access to your mobile aisles.

Outgrow the competition and increase your profit potential. With Grow Glide, you can focus on what you do best, growing high quality plants while elevating your business.

Contact us to learn more

Myth #5: You can't grow "Fire" weed with a Multi-Tier System.

Debunked:

Phenotypic expression is 50% genetics and 50% environment. Get good genetics, invest in your environment and you can get the most from every cultivar. The symphony of cardinal parameters is about optimizing the rack spacing for your light fixture, airflow for VPD and environmental control as well as SOPs for plant management. Racking can be a limiting factor or the tool that guides consistent production.

With careful strain selection and meticulous cultivation practices, growers in multi-tier setups can indeed produce cannabis that meets the "fire" quality standard.

When choosing a provider, harness their expertise to support you in achieving your objectives. Our team, with its proven experience in cultivation, stands ready to assist you in reaching your goals.





ELEVATING CULTIVATION *to new heights*

We are always happy to help fellow cultivators achieve their goals and maximize their yields.

If you have any questions or require further assistance, please feel free to reach out to us.



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