

DRYING AND CURING CANNABIS



MIKE HOFMANN Phytopharmaceutical Consultant, Victoria, BC, Canada

Mike Hofmann is a leading consultant specializing in the commercial production of cannabis. As the Director of Horticulture, he established ABCann (now VIVO) - one of the early licensed producers in Canada – on a platform of controlled environments and automation that led to unprecedented yields and production quality for medicinal and recreational cannabis. Mike currently provides his horticultural, regulatory and procedural expertise to existing producers and start-up producers around the world.

“1000% agree this technology will mitigate your losses!”

“Controlled environments and automation by Conviron and Argus Controls was the cultivation platform we used at ABCann, providing us the best possible control over the growing and drying environment for cannabis. I’ve seen other designs and processes, but nothing really compares to the level of uniformity and precision when it comes to optimizing temperature, humidity and airflow, which allows trained operators to mitigate production losses often seen in other facilities due to poor environments.”

“Preserve your terpenes and protect the integrity of your bud”

“For drying rooms, it’s more than just a highly engineered and reliable turnkey solution - their real secret sauce is in the controls strategy and programming that allows you manage temperature and humidity throughout the process – allowing operators to experiment and establish their own drying regimens. In doing so, they can dry at cooler temperatures that lock in the trichomes and preserve those precious terpenes that are critical to distinguish flavor and aroma and yet are volatile to temperature.”

“The unique airflow design in the Conviron rooms means that the plants will dry evenly throughout the space, which will help preserve the integrity of the bud and the moisture content of the end product. As a result, operators can develop and repeat drying recipes that differentiate their product from others.”

“And in the case where an operator has excess drying capacity, the Conviron room can be used for a curing period immediately following drying. With controlled rehydration, the curing process can happen in the same room as drying without ever moving the product, which reduces labor and preserves the integrity of the flower.”

“In the end, Conviron’s approach gives the most flexibility in environmental management decisions and product outcomes.”

FOR MORE INFORMATION ON CANNABIS ONE™ OR CUSTOM SOLUTIONS FOR DRYING, CONTACT:



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**Management System
Certified to ISO 9001**

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TIMOTHY NOLAN Director of Operations, AtlantiCann Medical Inc., Halifax, NS, Canada

Currently running the AtlantiCann facility, Timothy Nolan is the Director of Operations for MJardin, a cannabis management platform with extensive experience in cultivation, processing, distribution, and retail. For over 10 years, MJardin Group has refined cultivation methodologies, developed state of the art facilities, and implemented vertical integration for and on behalf of license owners. MJardin Group currently owns, manages or advises on a portfolio of 32 cannabis operations.

"I want them on every project!"

"I first fell in love with Argus Controls at our other facilities, and I want them on every project from now on. I'm really happy with the endless level of customization capabilities with Argus. And together, Conviron and Argus have been very responsive to my needs when I've needed them."

"Absolutely reduces risk!"

"During drying, plants no longer have their natural defenses, so being able to dry at a lower, uniform temperature is critical for preventing microbial development. With Conviron's drying rooms, we have been able to remain at a fraction of Health Canada's limit of 50,000 CFUs on microbial testing. By doing so, we have completely avoided having to irradiate final product, which is common practice by licensed producers in Canada to meet product safety requirements. Sure, irradiation kills microbials, but it also negatively impacts terpenes and it's an unnecessary cost that we are able to avoid."

"Differentiation is key"

"As we head toward oversupply in market, LPs will need to differentiate their product. The uniformity and control of Conviron's design lets the plant's terpenes 'express themselves' allowing the plant's genetics do their job. In conjunction with temperature consistency, the precise control of humidity allows you to get right to the end of the dry cycle under full control."

"These rooms also allow us to control our moisture content, which is a critical end-user experience factor, along with taste, smell, touch."

"The apex of drying rooms"

"Having a repeatable process is key for us. These rooms allow us to standardize our drying procedures so that we can maintain our quality standards, especially while we scale up our production facility. Further, we are working on getting GMP certification so we can begin exporting to Europe. Argus and Conviron enable us to do that because of the low microbial counts we are able to achieve."

"At AtlantiCann, our drying rooms are the highest value part of the grow facility in cost per square foot, but they are worth it. This is the apex of drying rooms, and MJardin has seen them all!"

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