



**HIBO** CARE



Beyond Buds has set out to be one (if not the best) of the African continent's premium medicinal cannabis cultivators, with license and certification to export to chosen global markets.

Beyond Buds is a premium, medical, SAHPRA licensed cannabis farm with GMP and GACP Certification.

## Beyond Buds' Climate Controlled Hybrid Greenhouses

Beyond Buds do not use chemical pesticides. Instead, **optimal conditions** are ensured for plants to flourish and allow nature to subsist. Beyond Buds use an **integrated pest management system** to keep any harmful insects or fungi, or bacteria from harming the plant.

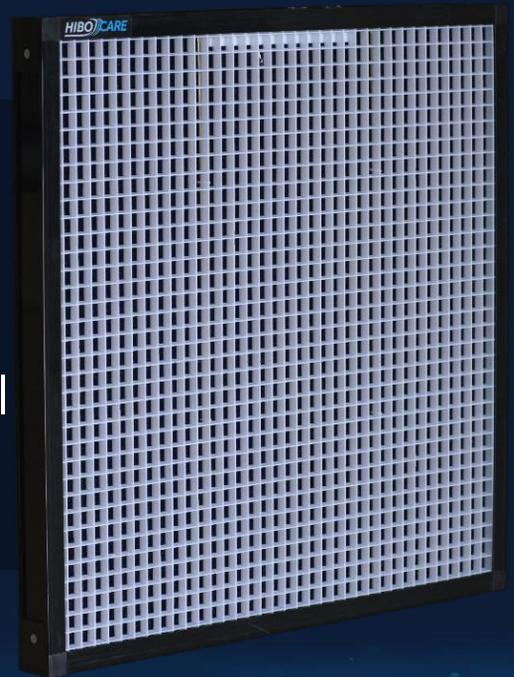


This has been made possible with the help of HiboCare's unique HiboScreens system, which forms the **core antimicrobial module** in Beyond Buds' ventilation setup.

HiboScreen achieves this feat by integrating into the ventilation system, **without adding any design or maintenance burden** that could result in project cost escalation.



Beyond Buds' cultivation space offers 6000sqm of indoor growing space and features 106 HiboScreens to keep the space free of harmful pests/pathogens in a safe and energy efficient way.



Single-pass filtration by HiboScreen + MERV8 filter:

- **96.4%** of fine particles (0.3-1microns)
- **>99%** of medium particles (1-2.5microns)
- **>99%** of large particles (2.5-10 microns)

**99.57%**  
against MTB  
bacteria

**99.92%**  
against H1N1 virus

**98.31%**  
against MS2  
(covid surrogate)

**90.5%**  
against CA  
(mould surrogate)



31 August, 2023

Richard Seegers  
Hibocare

Dear Richard

After careful evaluation of various options, we are really excited about choosing HiboScreen as the ultimate solution to mitigate the risk of contamination in our facility. We feel confident that by selecting the HiboScreen we will be able to ensure the high level of biosecurity that we require within our environment in the most cost-effective and sophisticated manner.

In our quest to eliminate the risk of contamination, we conducted extensive research on UV systems. Unfortunately, these systems proved to be both costly and inefficient, due to their prolonged residence time requirements for effectively eradicating mould, spores and bacteria. The investment required and the operational complexities associated with UV systems made them less appealing for our needs.

Given the carefully controlled environment in which we operate and the high level of bio-security required, we felt compelled to consider the option of HEPA filtration, although the substantial upfront capital investment and ongoing operational expenses left us hesitant. When we discovered HiboScreen and began to understand its efficacy it completely transformed our approach to the design of our environmental control and biosecurity requirements.

HiboScreen stood out as the perfect fit for our requirements. Not only does it provide contaminant-free air, but it does so at a significantly lower cost compared to the alternatives we explored. The elegance of the HiboScreen system lies in its simplicity, making it an intuitive and user-friendly solution for our facility.

In conclusion, we wholeheartedly endorse HiboScreen as the go-to solution for anyone seeking a cost-effective, efficient, and sophisticated method to address air contamination issues. We feel that the simple design and exceptional performance of the HiboScreen are unmatched in the market, and we are excited to have chosen it as a part of our standard design for current and future installations.

Sincerely



Greg Mommsen



# HIBO CARE

Let's make all places into safe spaces



[www.hibocare.com](http://www.hibocare.com)

