



Designing Critical Infrastructure for Your Cultivation Facilities

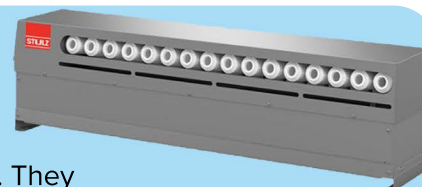
For over 40 years, JEM Tech Group has aspired to build long lasting relationships within the IT and facilities community. We will continue to help our customers achieve full optimization of their power and cooling mission critical infrastructures in their data centers, server rooms, edge and cloud locations, and telecommunication closets. We will take our years of experience and apply it to the grow industry focusing on helping end users achieve the highest yield crops.



Cooling is designed to maintain tight tolerances of both temperature and relative humidity (or dew point). To maintain this tight control the HVAC equipment must be properly sized. A high quality environmental control unit will be worthless if it is not sized correctly for the load. STULZ has engineered precision air conditioning and humidification solutions to prevent crop loss and maximize the return on your investment.

Ultrasonic Humidification

provides a clean, efficient and precise humidity control solution. They are designed for stand-alone room applications and are typically mounted on a perimeter wall serving the grow space, or in an environment, such as dispensaries, where precise humidity control is required. Humidification control is critical to maintaining conditions conducive to healthy plants, harvesting and use.



Precision Environmental Control

continually (24x7) monitors the grow space conditions. STULZ addresses the biggest design challenge in the grow room industry by customizing the controller for precision tight temperature and humidity control over the plant's life cycles, preventing crop loss and helping improve the return on your investment.



End-to-end Power Infrastructures

are helping grow facilities minimize IT equipment and infrastructure failures that can result in hundreds of thousands of dollars of crop value loss. 100% power uptime is essential. It helps growers improve speed to market, energy efficiency, effective seed-to-sale tracking for regulatory compliance and security to drive overall business performance and increase the bottom line.



Air Filtration designed specifically to address the needs of grow facilities and help licensed producers stay compliant with odor regulations by completely removing 99.9% of odorous gases commonly produced by grow house facilities. It also minimizes powdery mildew and mold, making it the ultimate solution for grow facilities.



Wireless Environmental Sensors

provide the critical data required to grow and produce quality cannabis products. Flexibility in wireless sensing (Temp, RH, CO2, Leak Detection), up to 12 year battery life and impressive range can help to optimize flowering and cultivation conditions while also protecting the assets in your facility.



Other Offerings:

- Design Energy Efficient Turn-key Scalable Facilities
- Biomass Boiler Systems. Biomass energy is a clean, carbon neutral renewable energy source and qualifies in many states for renewable energy credits to save money on energy needs. Customers are locally sourced woody biomass as the renewable fuel source which supports their local economy instead of foreign oil markets.
- Facility Security and Monitoring Systems

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