

Cultiva Systems



We Help You Grow



**CONTROLLING YOUR
INDOOR GROW ENVIRONMENT**

WHO IS CULTIVA?



We provide **the industry's premier equipment** to achieve the desired results for the indoor growth environment. Our systems are designed and manufactured with the grower in mind, to meet the specific requirements related to the life cycle of the plant.

The plant requires precise control of the environment throughout each stage of its life cycle. Our controls technology allows for the flexibility of the changing dynamic in the growth environment. The ability to control the indoor growth environment from lights on to lights off at the exact temperature and humidity. The controls and equipment **promote maximum yield and healthy plant growth** without harmful mold propagation. Proper equipment sizing and capability ensure the drying phase is achieved. We work with the grower to ensure the equipment selection meets the required specifications.



Energy efficiency is an ongoing concern and the related HVAC equipment cost can be the highest contributing factor to electrical consumption. Cultiva strives to reduce your energy consumption by providing **efficient fan and compressor components** and operation in our equipment. The control system utilizes the equipment design to capitalize on energy efficiency while achieving the desired conditions; therefore, lowering the operating cost to the grower.

Cultiva is available on your time. When a question or an issue arises, we are here to take the call and provide a solution.

Cultiva 
Systems
www.cultivasystems.com

DEDICATED INDOOR AGRICULTURAL SYSTEM (DIAS)

Long Lasting, Reliable Packaged Unit

- **Temperature and Humidity Control**

- Provides precise control of the environment through each stage and changing dynamic of the grow cycle

- **Effective** - Promotes maximum yield and healthy plant growth without harmful mold propagation

- **Energy Efficient** - Optimizes energy usage while achieving desired conditions, resulting in lower operating costs to the grower



VERTICAL PACKAGED INDOOR HEAT PUMPS (DIAS)

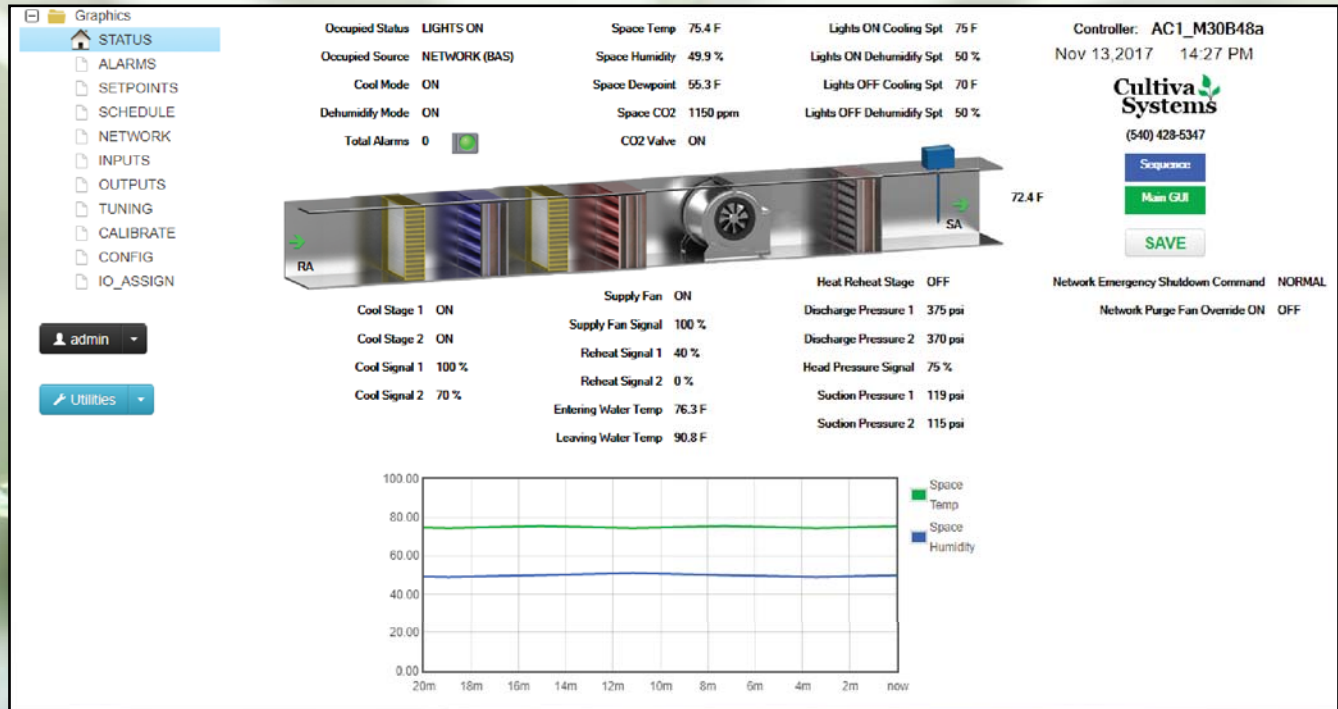
A small, powerful DIAS unit with the same benefits and features of Cultiva's large DIAS unit



- **Small Footprint** - Compact, free standing, floor mounted; available in water or air cooled

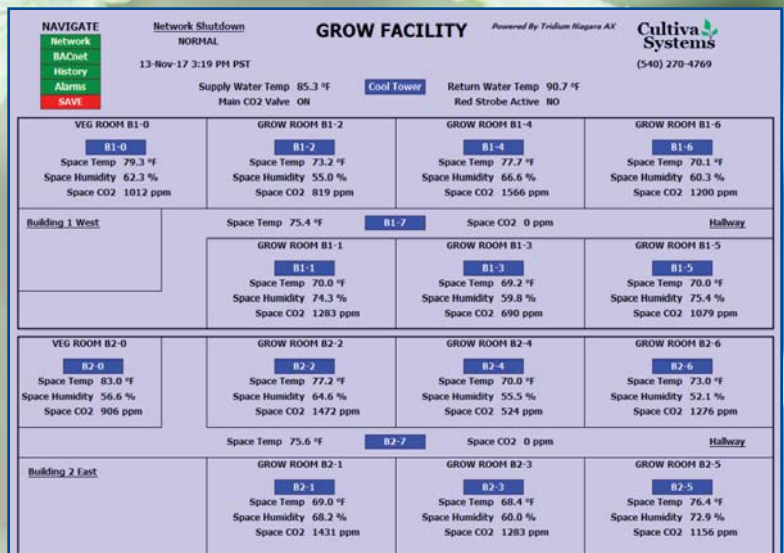
- **Convenient** - Ideal for narrow hallways and low ceilings (8' height)

DEDICATED INDOOR AGRICULTURAL SYSTEM (DIAS) CONTROLLER



CONTROLLING YOUR ENVIRONMENT

The FS32 controller's built-in Web Server, powered by PHP and HTML5 graphics, is multi-platform and multi-device compatible. User connectivity can be hard wired by Ethernet or is WiFi accessible with our supplied router. A rich, informative user interface is provided for operational status, I/O monitoring setpoint adjustment, configuration, internal scheduling, historical data collection and alarm reporting. Application backup and restore features are a part of the user interface utilities as well as customizable user access accounts.



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6635 West Happy Valley Road Suite A-104-176
 Glendale, AZ 85310

(504) 270-4769

sales@cultivasystems.com

support@cultivasystems.com