

# Cultiva Systems



*We Help You Grow*



**DEDICATED INDOOR (DIAS)  
AGRICULTURAL SYSTEMS**  
**FOR THE INDOOR GROW ENVIRONMENT**

# DEDICATED INDOOR AGRICULTURAL SYSTEM (DIAS)

Long Lasting, Reliable Packaged Unit



The Cultiva DIAS System was engineered with a grounds up approach on a proven product platform to ensure results for grow applications, while at the same time, meet the stringent equipment cost pressures facing the market today.



**Temperature and Humidity Control** - Provides precise control of the environment through each stage and changing dynamic of the grow cycle

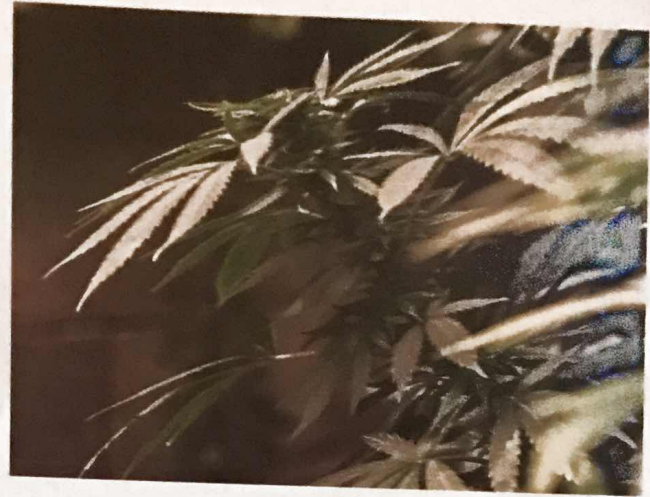
**Effective** - Promotes maximum yield and healthy plant growth without harmful mold propagation

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

High performance, energy efficient, customized single unit process cooling, dehumidification, air cleaning & heat recovery solutions meeting the specialized needs of today's indoor grow facilities.

**Cultiva**   
**Systems**  
[www.cultivasystems.com](http://www.cultivasystems.com)

Unlike typical HVAC applications, the indoor grow environment requires a precise balance of many factors involving temperature, humidity, airflow, air filtration, air cleaning, lighting, CO2 control and purge. Advanced controls technology designed around the equipment and grow environment produces the highest quality product, while keeping operating costs in mind. That's why standard HVAC equipment can't measure up. Cultiva Systems offers a variety of HVAC products that can be customized to your facility's specific requirements.



## VERTICAL PACKAGED INDOOR HEAT PUMPS (DIAS)

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



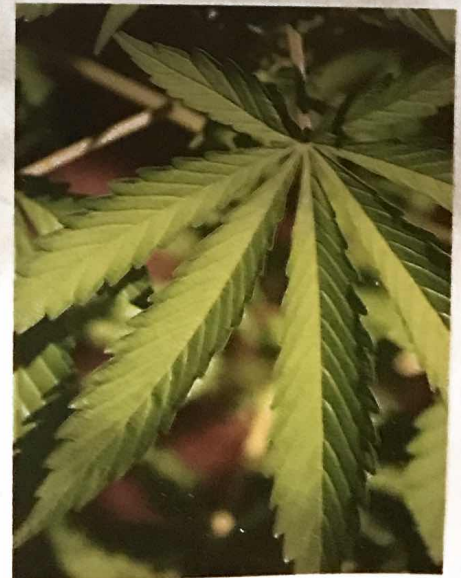
**Small Footprint** - Compact, free standing, floor mounted; available in water or air cooled

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

Traditional dehumidifiers require a large, expensive refrigerant charge that impacts compressor reliability, while traditional split systems severely limit the distance between the unit and its remote AC condenser.

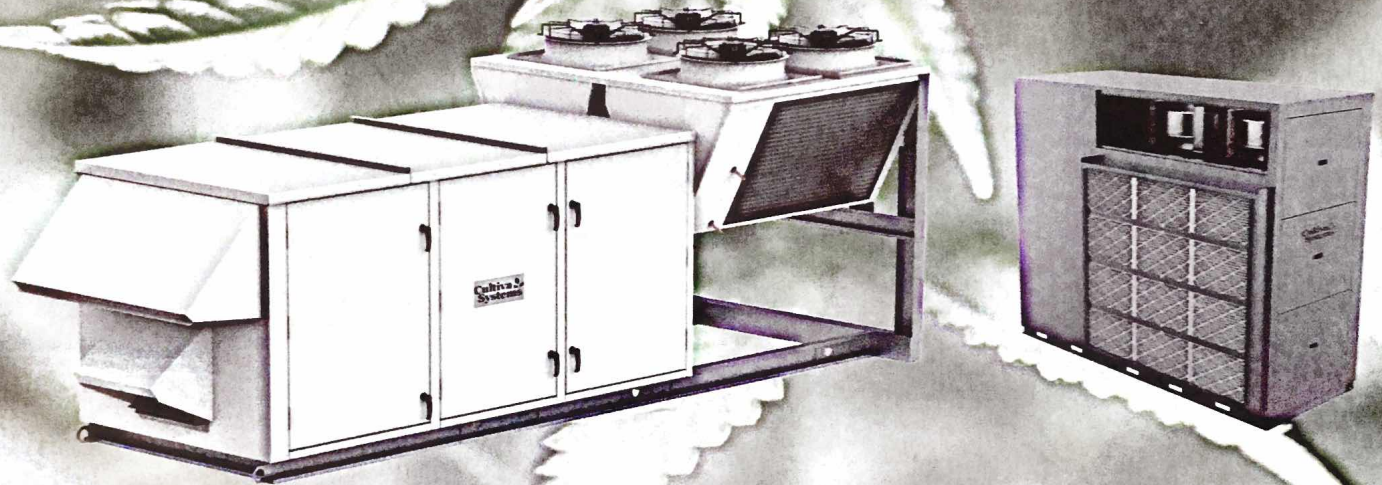
## OUR INDOOR DEHUMIDIFICATION SYSTEMS

- Lower operating costs
- Energy efficient - heat recovery eliminates the need for auxiliary heat
- PCO Catalytic Air Cleaning
- Best solution available today for applications requiring 12 -100 gallons/hour moisture removal (6,800 CFM to 70,000 CFM of air handling)
- Superior temperature and humidity control
- Exceptional reliability



**Cultiva's indoor agricultural units provide the most stable room conditions, smoothest operating performance and peak energy efficiency by eliminating the need for auxiliary gas or electric heat.**

**The result is the longest lasting, most reliable indoor dehumidifiers in the industry.**



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

(504) 270-4769

[sales@cultivasystems.com](mailto:sales@cultivasystems.com)  
[support@cultivasystems.com](mailto:support@cultivasystems.com)