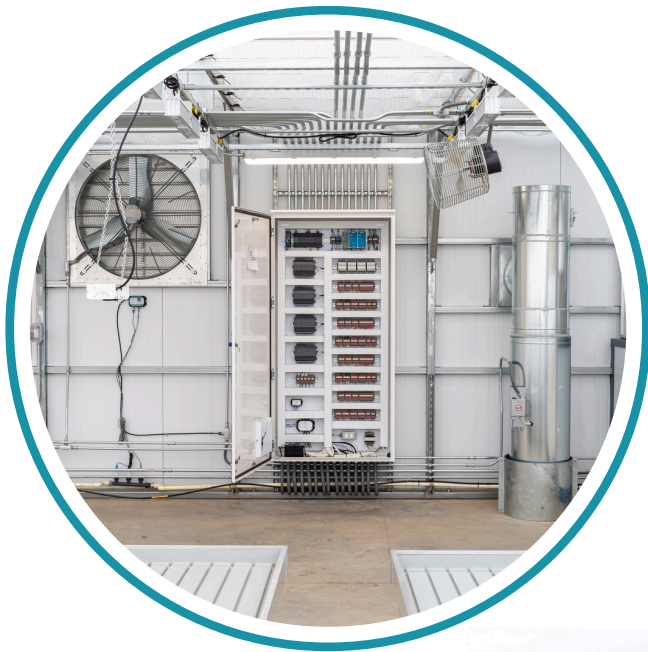


Cultivation Facilities

for Controlled Environment Agriculture



Why Ceres?

For more than 13 years, Ceres has led the industry in energy-efficient greenhouses and has since evolved from single vented greenhouses in Colorado to grow facilities worldwide, (indoor, greenhouses, sealed, etc.) with a focus on energy and water efficiency.

Ceres Grow Facilities Offer:

- Fully sealed rooms, integrated climate control systems, and proprietary HVACD & controls systems
- Whole facility design, from planning to permitting, construction & operational help





Energy-Efficient HVAC(D) & Controls

A Ceres EcoPack™ offers HVAC(D) that integrates with our facility design for precision growing conditions.

More than greenhouses...

Ceres provides our clients with more than a grow facility. We provide:

- Support after the project: tuning systems with the growers to maximize output
- Industry expertise across a variety of applications including: cannabis, schools, seed growers, farm-to-table grows, pharmaceutical, etc. (GMP, GACP)
- Both new builds or assessments of existing facilities to recommend solutions to current problems
- Established industry partnerships



Learn more at ceresgs.com

Its benefits include:

- Precise temperature & humidity control
- Vapor pressure differential control
- Easy installation
- Can be configured to use electrical connection for installation, or integrate gas for heating & reheat functions
- Staggered coil design reduces supply air bypass & provides superior moisture removal from environment

A Ceres SunSense™ controller offers one centralized system for controlling the whole environment. Monitor temperature, relative humidity, and CO2, leaf/ canopy temp, PAR, lighting zones, and outdoor weather.

Advantages of the Ceres controller:

- Built modular- easy to add on
- Lighting- measure incoming sunlight & dim lighting to specified PPFD
- Customizable grow stages
- Peak load demand reduction
- Predictive control

