



INTRODUCING

THE CLASSROOM CULTIVATOR

Learning Grows Here

THE CLASSROOM CULTIVATOR

Welcome to the future of education with the Classroom Cultivator — a state-of-the-art A-frame greenhouse designed to cultivate not just plants but the minds of the next generation.

The Classroom Cultivator sets the standard for school greenhouses, providing an innovative, hands-on learning space that goes beyond the traditional classroom to keep students engaged.

- All-purpose design adaptable for any use
- Perfect for elementary to high school, FFA programs, 4-H programs, and more
- Adapts easily to your ventilation and climate control needs
- Easily transition from natural ventilation to mechanical/active ventilation
- Adheres to school safety and building codes
- Meets regional wind, snow, and seismic requirements for permits
- Supports overhead equipment, hanging baskets, heat pipe, fire suppression, and irrigation needs



Get Started with the Classroom Cultivator

Base Package

STRUCTURE:

- Pre-galvanized Vail steel structure
- Galvanized steel gutters
- Single-piece welded trusses

GLAZING:

- 8mm Polycarbonate covering

VENTILATION:

- Padwall vents
- Dual ridge vents

EQUIPMENT:

- Two (2) exhaust fans
- Evaporative pad system with vent covering
- Two (2) horizontal airflow fans
- Two (2) electric or gas unit heaters
- One (1) steel double door
- Wadsworth Juniper environmental controller
- Temperature sensor
- Weather station
- Vent motors

Optional Add-Ons

- Stationary plant growth benches
- Automated energy/shade curtain system
- Insect screening
- Irrigation systems
- Plant growth lighting
- Wadsworth Seed control system upgrade
- Installation includes a one-year workmanship warranty

Wadsworth Control Options

- Reliable, User-Friendly Technology for every classroom
- Options for both simple and advanced greenhouse projects
- Integrates seamlessly with school curriculum or runs quietly in the background



WADSWORTH

Control Systems



When you purchase the Classroom Cultivator, you receive a set of stamped drawings that meet your state and local requirements. We also offer a one-year warranty on materials.

Support From Planning to Start-up

PLANNING/PERMITTING

- Check with your building department for required building permits
- If you have a general contractor (GC), they typically handle permitting

INSTALLATION

- Prospiant-installed projects: Crew coordinates with your contractor for scheduling
- Most installations completed in six weeks once our crew is on-site
- Your GC provides the MEP (mechanical/electrical/plumbing) crews to perform wrap-up work and final inspections before start-up
- Prospiant teams are licensed, bonded, and insured

START-UP/SET-UP

- Prospiant installations: Final week dedicated to start-up and commissioning
- Environmental control system training provided to your end user by Prospiant and Wadsworth



PROSPIANT

EXPERTISE YOU CAN TRUST. CAPABILITIES YOU CAN COUNT ON.

Proven Track Record of Success

- 10,000+ customers
- 3,000+ completed projects

Qualified In-House Talent

- In-house engineering* for all disciplines
- We work with P.E. Registered partners as required
- Extensive nationwide qualified installer network
- Qualified and experienced Project Managers OSHA 10/30 certified

**We work with partners to ensure proper, compliant performance of engineering and design services.*

North American Manufacturing

- U.S. and Canada
- NGMA Member

Contact us to purchase

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