

MiniSTEP™ Control

Switch from thermostats and save money. Research shows that using a simple, centralized control reduces energy consumption. The MiniSTEP is an easy-to-use 4-stage control. It offers more energy savings than thermostats because it uses a single temperature sensor. This prevents heating and cooling equipment from operating at the same time.



Part #M-4000

Requires 1amp @ 115 VAC
Shipping Wt. 37 lb | 17 kg



Benefits:

- Improves crop quality by maintaining a more accurate temperature
- Reduces fuel costs by centralizing all temperature sensors, which prevents heating and cooling from running simultaneously
- Increases productivity
- Preset heating and cooling stages
- Easy to install and operate

OPTIONAL EQUIPMENT

Alarm Manager

Protects your crop by calling up to four phone numbers if the conditions get too hot or too cold. Requires a thermostat.



See page 22 for more information.

Weather Guard

Protects your structure by monitoring outdoor conditions. It will close the vents in extreme weather conditions.



See page 23 for more information.



Wadsworth Controls can customize a MiniSTEP for your greenhouse. Call **1.800.821.5829** for more details, or email info@WadsworthControls.com

Example of how a standard MiniSTEP works:

One Environment | One MiniSTEP Control

STAGES	EQUIPMENT STATUS
Heat Stage	- Unit heaters ON - HAF fans ON
Set Point	- HAF fans ON
AC 1	- HAF fans ON - Upper-gable louver OPEN - Two-speed exhaust fan on LOW
AC 2	- Side vent moves to full OPEN or motorized shutters OPEN - Upper-gable louver CLOSES - Two-speed exhaust fan on HIGH - HAF fans OFF
AC 3	- Single-speed exhaust fan ON - Evaporative pad pump ON - Side vent OPEN - Two-speed fan on HIGH

Features:

- 1 stage of heat
- 3 stages of cooling
- LCD display of current temperature, mode and output status
- Keypad provides easy operation
- Set point range: -40° to 220° F
- Durable corrosion-resistant cabinet: 16" x 14" x 6" (406 x 355 x 152 mm)

This complete package includes:

- 4-stage electronic control
- A pre-wired contactor panel
- Blueprints, control schematics, one-line power, conduit and wiring layouts for installation
- Solar-shielded temperature sensor with 75' of shielded cable