



**PRO VISION AND
EVOLUTION CONTROLS**



Precise control of temperature, airflow, bird weight, water consumption, feed inventory, and lighting is a must for achieving top profits for growers. Cumberland's complete line of control systems cover all of these elements in cost effective, easy to operate management systems.

PRO VISION

An *ENVIRONMENTAL CONTROLLER*
so easy you'll manage like a Pro!

Cumberland's **PRO VISION** controller offers professional environmental systems management with minimal effort. Pro Vision's grower friendly features include:

EASY TO INSTALL AND SETUP

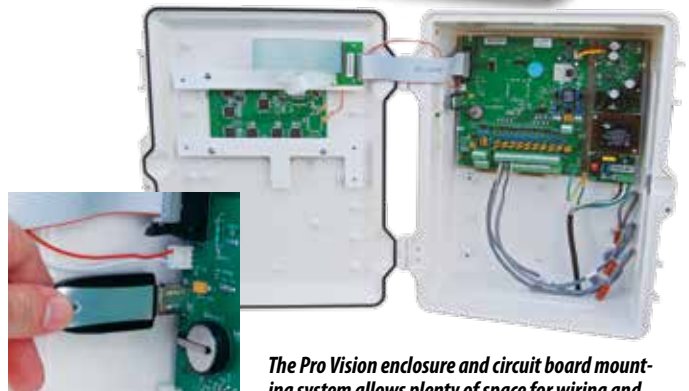
- Easy step by step setup mode
- Large keypad for easy adjustment
- USB port for updating and saving settings
- Personal computer setup software
- Optional input boards for up to 24 additional temperature probes
- Optional input board for additional 8 digital water meter inputs

EASY TO USE

- Large screen with friendly style interface that allows the user to instinctively navigate controller screens minimizing learning process time
- Access any menu with minimal keystrokes
- 10 hot keys give you quick access to main settings
- Menus can easily switch from english to spanish
- A high resolution display enables easy to read conditions

EASY TO SERVICE

- Outstanding high voltage surge protection
- Pull out wire terminals
- Built-in diagnostic software
- Optional AMP reading relays



A USB key allows for easy program changes and updates.

The Pro Vision enclosure and circuit board mounting system allows plenty of space for wiring and room for expansion. An optional input board allows for up to 32 additional temperature probes.

The most "Grower Friendly" controller on the market.

OTHER PRO VISION FEATURES INCLUDE:

- 4 modes (broiler, breeder, layer, and turkey)
- Enhanced attic vent operation
- 2 Tunnel inlet outputs
- Up to 14 digital inputs for feed or water
- 12 time clocks
- Stir fan operation based on temp or minimal ventilation
- Up to 8 natural curtain zones (turkey and breeder modes only)
- Up to 9 lighting programs
- Up to 10 ventilation programs
- Water line flushing, with up to 8 outputs
- Heat and feed runtime monitoring
- Water spill alarm
- Operate inlets by time or static pressure
- Up to 16 heat zones, 32 using hi/low fire
- 128 maximum relay capacity
- Detailed alarm history
- Loop feeding clocks
- Nighttime setpoint



RELAY PANELS

- 32 & 40 output relay panels
- On/off/auto relay switches
- Open/off/close switches for curtain relays
- Clear protective door
- LED on lights

EVOLUTION 4000

The **EVOLUTION 4000** controller is the latest member of the Evolution Family of Controllers trusted for reliable ventilation management.

EVOLUTION 4000 FEATURES INCLUDE:

- 40 on/off stages with available expansion - all output stages are fully programmable for operation of any combination of:
 - natural ventilation curtains
 - power ventilation inlets
 - evaporative cooling
 - heaters
 - fans
- Fully compatible out of the box with our secondary sensing system, variable output controls, stage expansion modules, farm manager software and wireless radios
- SD card slot for upgrading software versions, copying and pasting saved programs and enhanced historical data collection and recall
- NEMA rated ABS enclosure with stainless steel hinges and latches
- One touch language translation (english/spanish)
- Bright blue LCD display; no contrast fluctuation with temperature changes



EVOLUTION S3 BACK-UP CONTROLLER

- Serves as both a back-up controller and an alarm system
- This control will work in conjunction with the Evolution 3000/3001/4000 control system or with any other controller on the market today
- The S3 is truly an integrated control system, serving as basically a second controller monitoring your house.

EXPERT-WW CONTROLLER

- Ventilation based on static pressure and temperature
- Upload/download chip for easy transfer of settings
- Two timed curtain output for tunnel ventilation
- Energy saving features
- Manual override switches, indicator lights and relays for each stage
- 20 relays built in



Enhance your system with Cumberland Controller Options and Accessories



FARM HAND MANUAL LIGHT DIMMER CONTROLLER

- Light intensity can be different in zone 1 & 2 or identical
- Four resistive loads of 2000W each.
- Manual Mode: Can be used as a stand alone unit
- Auto Mode: Light intensity in the selected zone(s) is automatically adjusted by the controller



BACK-UP SAFETY RELAY BOX

- Up to eight (8) stages
- Back-up Safety Relay Box does not include thermostats.



The **FEATHERWEIGHT™ BIRD SCALE II** can monitor up to 4 platforms, typically 2 per house. Each scale has an independent reading. Featherweight is I-Box compatible providing real time access to the information you need to help birds get to the desired target weight.

- Weigh birds 24 hours a day
- Programmable weight schedule capability
- Daily information:
 - Average weight
 - Number of weight
 - Standard deviation
 - Uniformity and daily gain



Turkey Scale



Broiler Scale

FEATHERWEIGHT™ SCALES

Choose the scale that fits your particular broiler, breeder, or turkey application



Featherweight Breeder Platform Scale

- Convenient size makes it easy to install on slats between nests, watering, and feeders
- Easily accessed by birds
- Includes 120' of interconnecting cable
- Totally sealed components and maintenance free
- Factory calibrated
- Platform scale records weight automatically and continuously
- Accurate to nearest +/- 15 grams



Static Pressure Transmitter

Water Meter

Humidity Sensor Probe



Proven & Dependable™



Your Agriculture Company Cumberland is a part of GSI, a worldwide brand of AGCO

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