

New!

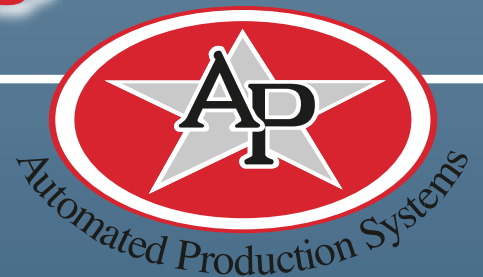


INTEGRA
INTEGRATED MANAGEMENT SYSTEM

EXPERT SERIES 2

Your Source for Innovative
Solutions

AUTOMATED PRODUCTION SYSTEMS,
providing innovative, effective and efficient
solutions to the challenges of modern pork production.





Expert Series 2 features a **larger display screen** and “**Quick Keys**” for easier and faster operation and access to information. **Text can be displayed in either English or Spanish.**



“**Power Saver**” feature minimizes utility cost by maximizing the use of larger more efficient ventilation fans while minimizing operation of less efficient fans.

Store up to **three unique operating programs** that can be changed manually or automatically based on outside temperature or age of the pigs.

Features

- Up to twelve cooling stages (exhaust fans, circulation fans, evaporative cooling)
- Up to three heat stages zoned or cascade
- Up to two actuated air inlet outputs, one potentiometer or two timed with zoning capability
- Up to two timed curtain outputs for tunnel inlet or natural ventilation
- Two independent time clocks
- Memory chip for downloading and storing up to fifteen ventilation programs and control settings
- Password protection with multiple user levels
- Programmable set point and minimum ventilation curves
- Seamless ventilation utilizes variable speed fans to smooth transition as ventilation increases
- Misting stage with cycle timer, night shut off and humidity over-ride (with optional RH sensor)
- Circulation fan feature that starts and stops at selected temperature
- Clean out mode for empty rooms
- Second stage variable humidity compensation (with optional RH sensor)
- Day and night settings for set point and minimum ventilation setting
- Can be networked for remote control and monitoring

Inputs

- Up to eight inside temperature sensors
- Up to two outside temperature sensors
- Water pulse meter (optional)
- Humidity sensor (optional)
- Static pressure monitor (optional)

Monitoring & History

- Temp readout for each sensor plus ten day high/low history
- Average room temperature plus sixty day high/low history
- Outside temperature plus seventy-five day high/low history
- Relative humidity plus seventy-five day history with optional RH sensor
- Static pressure with optional static pressure sensor
- Heater run time seventy-five day history
- Feed system run time seventy-five day history
- Daily water consumption seventy-five day history with optional water pulse meter
- Alarm status
- Group age, mortality and marketing

Outputs

- Two 10 amp variable speed fans
- Twenty 12 amp relays (fans, heaters, cooling, inlets, curtains, timers)
- Two 0-10 volt outputs for added variable speed stages or zoned electric heat.
- One alarm contact

For larger buildings, the Expert Series 2 can be expanded from twenty to thirty-six relays with this sixteen relay expansion panel.

