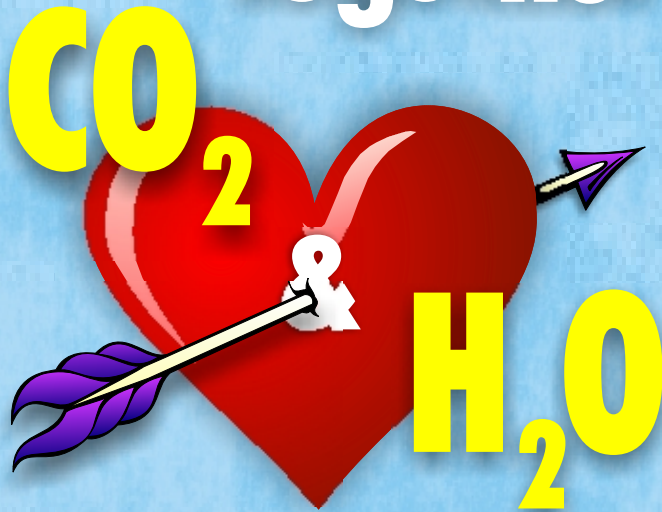




CO₂ ENHANCEMENT KIT

For improved bird quality and operating cost reduction on Buckeye Series Multi-Stage Setters

Perfect Together



- This enhancement minimizes the throughput of air, thereby improving the temperature and humidity stability inside the setter. This improved stability promotes a better hatch and a better chick. A double winner!
- Reduced volume of air passing thru the setter means lower heating and air conditioning costs in your hatchery.
- While adequate water cooling capacity must be available to obtain maximum results, the increased cost of water cooling capacity is usually significantly less than the energy savings do to lower consumption of conditioned air.
- Chick quality with this enhancement kit compares almost equally to the quality of a single-stage chick.
- Improved feed conversion ratio, lower farm mortality and faster attainment of kill-weight have been achieved in all installations observed to date.

Field Trial Results

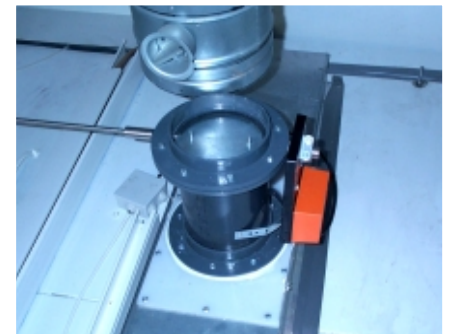
1 years data from 2 million broiler chicks

- 0.5% BETTER HATCH OF ALL EGGS
- 0.3% BETTER HATCH OF FERTILES
- AVERAGE 1.6 grams HEAVIER CHICK
- 5% BETTER CHICK UNIFORMITY
- 100 grams HEAVIER BROILER
- GREATER ENERGY EFFICIENCY
- 0.5% BETTER LIVEABILITY

The Kit includes:



- Increased (double) cooling coil capacity for transfer of heat to the water cooling system



- High-seal Rear Extraction Dampers allow the CO₂ levels to control damper opening and closing
- All valves, solenoids and fittings required to operate the water system
- Improved gaskets, seals and fixing strips to minimize air leakage thru the cabinet
- A CO₂ sensor probe assembly
- All necessary changes to the control system to accept the CO₂ input and respond properly