

CO₂ UPGRADE KIT

For improved bird quality and operating cost reduction from Classic Multi-Stage Setters

- This kit minimizes the throughput of air, thereby improving the temperature and humidity stability inside the setter.
- The improved stability promotes a better hatch and a better chick. A double winner!
- 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 due to lower consumption of conditioned air.



- Chick quality with this upgrade kit compares almost equally to that of Single Stage chicks.
- Improved feed conversion ratio, lower farm mortality and faster attainment of kill-weight have been achieved in all installations observed to date.
- Reduced volume of air passing thru the setter means lower heating and air conditioning costs in your hatchery.

How is It Installed?

The installation is not difficult. Most maintenance personnel can install this from the information provided. Our field service personnel are available at normal rates if needed.

Do the Setters Need New Seals?

Generally new door seals and sweeps are not required, but if your seals are leaking noticeably, they should be changed. Door seal kits bought with this kit are subject to discounting.

Why Should You Buy This?

Controlling the damper activity by monitoring the CO₂ levels ensures that the embryos receive adequate oxygen while minimizing the disruption of the humidity in the setter. You will obtain better hatch results and better quality birds.

What Controls are Able to Handle this Upgrade?

At the moment, the Genesis and Ultra series controls require only upgrading. Prior series of controls cannot be upgraded to this system. Check in with us or on our website as this may change relatively soon.

How Do I Justify This Purchase?

We have some background and statistical literature that give you all the information you need. Ask your sales rep or look to our website where you can download this material at your convenience.

WHAT DO YOU GET?

On new setters shipping from the factory you get:

- A CO₂ probe ready for installation
- Inlet dampers with reduced minimum air flow openings
- Finned Cooling Coils
- An analog card ready for installation in the control panel
- Special code to allow your control to read the signal from the probe
- Detailed installation instructions

WHAT DO YOU GET?

On upgrade kits for Genesis III, Genesis IV and Ultra you get:

- A CO₂ probe ready for installation
- Inlet dampers with reduced minimum air flow openings
- An analog card ready for installation in the control panel of a Gen III or Gen IV control panel; or Hardware changes required to update Ultra control panels
- Special code as needed to allow your control to read the signal from the probe
- Finned Cooling Coils (Not required on Gen IV upgrades)
- Detailed installation instructions