

Leaflet

HatchTech Fumigation Room

Good hygiene is absolutely essential in the poultry industry. When eggs are produced and stored in hygienic conditions, the results are improved hatchability and healthier birds. But specific measures have to be taken to achieve this.

A variety of micro-organisms, both bacterial and viral, are naturally found on the surface of the eggs. Some of these micro-organisms can infect and kill the developing embryo, while others are risks to food safety and field performance. One of the most effective ways to reduce bacterial and viral contamination of the embryos and chicks is to fumigate the eggs.

Everything you need in one complete package

The HatchTech Fumigation Room is constructed of highquality PUR sandwich panels with a special, food-safe coating. The room is equipped with all the components and

equipment necessary for effective, carefully controlled fumigation:

- MicroClimer Technology.
- Chemical Disinfectant Distribution System.
- Neutralizing System.
- MicroClimer Ventilator.
- MicroClimer Controller.

Absolutely uniform fumigation

HatchTech's Fumigation Room features patented MicroClimer Technology. The special perforated radiators create a unique laminar airflow which provides optimal distribution of the chemical disinfectant, and ensures that all eggs are fumigated in an equal and uniform way.

- One complete package
- Absolutely uniform fumigation
- Easy, automatic, total control



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Temperature control

To ensure effective fumigation, the air must be at the correct temperature. The HatchTech Fumigation Room automatically and uniformly heats the air to the precise temperature to activate the chemical disinfectant. During fumigation, the proven MicroClimer Technology automatically and precisely controls all the parameters – such as air temperature, air flow, and air velocity – to create an absolutely stable and uniform fumigation environment.

Gas sealed

The HatchTech Fumigation Room is equipped with two strong doors with excellent thermal insulation. The special lift and drop door locking system, together with the sturdy rubber door seal, ensures a secure, gas-sealed closure that prevents leakage from the HatchTech Fumigation Room.

Safe, effective neutralization

Once the fumigation has been completed, the Neutralizing System disperses ammonia which safely neutralizes the chemical disinfectant. In the last phase of the fumigation process, the residue is completely removed from the HatchTech Fumigation Room via the exhaust system.

Fast, powerful ventilation

The high-capacity (4500 m³ air per hour) direct-drive MicroClimer Ventilator effectively removes, through its exhaust system, every bit of the disinfectant residue that remains after the fumigation and neutralization processes. This prevents it from spreading to any other areas of the hatchery and ensures that hatchery personnel are not exposed to the residue.

Easy, automatic, total control

The HatchTech Fumigation Room is easily to operate using the intuitive MicroClimer Controller. The eggs can be loaded into the HatchTech Fumigation Room and the fumigation, neutralization, and ventilation processes can be programmed to automatically start at a given time. MicroClimer Technology and the advanced HatchTech Fumigation Room design ensure egg sanitation that is not only highly effective and controlled, but perfectly simple as well!

Technical specifications

Dimensions (l x w x h): 3475 x 9165 x 2700 mm

MicroClimer Ventilator: 4500 m³/hour

Capacity: up to 150480 eggs

