



- *Effective egg disinfection*
- *Easy-to-use, one button operation*
- *Specialized tray fits standard egg carriers*
- *Kills microorganisms in a recommended 5 min.*
- *Pass-through chamber deactivates the DNA*
- *Designed for safety and ease of operation*
- *Durable, Built For Your Barn® design*

An Effective Fertilized Egg Disinfection Solution

The BioShift® Pass-Through UV-C Egg Sanitation Chamber an Eco-Friendly bio-security tool designed with a specialized tray that fits standard egg carriers for fertilized egg disinfection. The BioShift® chamber's UV-C light fixes key vulnerabilities found on eggs by destroying the bacteria's ability to multiply and spread disease.

How it works

There are two factors that directly influence the effectiveness of UV-C disinfection: time of exposure and light intensity.

Testing by a nationally recognized laboratory specializing in antimicrobial, biocidal and viricidal effectiveness showed that five minutes of exposure to UV-C radiation in the BioShift® chamber resulted in the elimination of >99.999% of common agricultural viruses.

Adapts to your facility

The BioShift® UV-C Egg Sanitation Chamber allows for easy loading/unloading of eggs from either side of the machine and can be utilized as a pass-through window if desired.

BioShift® Pass-Through UV-C Egg Sanitation Chamber Specifications

Functional

Operating Power / Current	72W / 600 mA
Standby Power / Current	5W / 40 mA
Input Voltage	110-240VAC / 50/60 Hz
Power Connection	Connect to branch circuit rated 20A max
Fuse Protection	10A at 250V

Chamber Components

Controller	Advanced touchscreen display.
Emergency Switch	Located on both sides on machine, buttons turn OFF chamber in case of emergency.
Tray/Reflective Liner	The tray/reflective liner rests inside the bottom of the chamber and is removable for easy cleaning.
Door Handles	Can be found on either side of the chamber to securely open and close both doors.
Door Magnet/Lock	The door handle magnets lock and unlock the chamber in a manner that eliminates risk of accidental passing of infected materials through the system.
Windows	The windows are fabricated from tempered glass that blocks UV-C radiation.
Chamber	Chamber will automatically turn off after programmed time.

Dimensions

Outside	25.8 W x 30.7 D x 19.7 H inches (655 W x 780 D x 500 H mm)
Weight	121 lbs (55 kg)

Environmental

Operating	65°F (18°C) to 105°F (40.5°C) temperature 10–95% humidity
Storage	-20°F (-28°C) to 140°F (60°C) temperature 10–95% humidity
Rating	IP Rating 50 equivalent

UV-C Energy Source

Germicidal Bulbs	(4) 20W UV-C lamps
Output	254 nm UV-C light equivalent

Ordering Information

	SKU
BioShift® A1 Chamber <i>Egg Rack Holder</i>	24-0230
Replacement Lamp 20W <i>A1 Chamber</i>	24-0054
Replacement Ballast	26-0052

Mechanical Dimensions

