



- *Eco-friendly*
- *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*
- *Designed for fertilized egg disinfection*
- *Durable, Built For Your Barn® design*

An Effective Fertilized Egg Disinfection Solution

The BioShift® Pass-Through UV-C Chamber - A1 is an Eco-Friendly biosecurity tool designed with a specialized tray that fits standard egg carriers for fertilized egg disinfection. It fixes key vulnerabilities within agriculture facilities, while enhancing protocols by killing viruses and other pathogens in a recommended time of 5 minutes, before they can enter your biosecure farm facility.

Fast

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

Effective

The BioShift® chamber uses ultraviolet C (UV-C) germicidal radiation, which provides a cost-effective and immediate way of deactivating the DNA in bacteria and viruses by destroying their ability to multiply and cause disease. There are two factors that directly influence the effectiveness of UV-C disinfection: time of exposure and light intensity. The amount of time UV-C is exposed to any given pathogen is proportional to the amount of killing it does.

Adapts to Your Facility

The BioShift® A1 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 Chamber - A1 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" Wide x 30.7" Deep x 19.7" High (655 x 780 x 500 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	24-0230
Egg Rack Holder	
Replacement Lamp 20W A1 Chamber	24-0243

BioShift® Pass-Through UV-C Chamber - A1 Mechanical Dimension

