



- *Eco-friendly*
- *Maximizes biosecurity protocols*
- *Heavy-duty stainless steel chamber*
- *Designed for safety and ease of operation*
- *Pass-through chamber deactivates the DNA*
- *Kills viruses in a recommended 5 minutes*
- *Easy-to-use, one button operation*
- *Durable, Built For Your Barn® design*

Guarantee Compliance With Bio-Security Protocols

The BioShift® Pass-Through UV-C Chamber is an Eco-Friendly tool to use alongside established biosecurity protocols. It is designed to fix 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.

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.

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 common agricultural viruses.

Adapts to Your Facility

The BioShift® chamber is available in two sizes! The small chamber is perfect for individual use and limiting the import of pathogens through everyday items like cell phones, food, eyeglasses and tools, while the large chamber is great for facilities or entrances with a higher volume of people coming and going every single day.

BioShift® Pass-Through UV-C Chamber - Small Specifications

Functional

Operating Power / Current	80W / 667 mA
Standby Power / Current	7W / 100 mA
Input Voltage	110-125VAC / 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	29.5" Length x 23" Width x 23.6" Height (750 x 584 x 600 mm)
Weight	110 lbs. (50 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) 15W UV-C lamps
Output	254 nm UV-C light

Ordering Information

	SKU
BioShift® Small Chamber Single Tray Unit	24-0200
Replacement Lamp 15W Small Chamber	24-0205

BioShift® Pass-Through UV-C Chamber - Small Mechanical Dimensions

