

# GermBuster™ Convoyeuse

Far-UV Surface Disinfection System

The GermBuster™ Convoyeuse from Sterilray is a fixed-position Far-UV surface disinfection system engineered for continuous pathogen mitigation in occupied commercial and industrial environments. Utilizing advanced 222nm excimer lamp technology, the system provides rapid and effective surface disinfection while remaining safe for human exposure within established guidelines.

## Key Features

- 222nm Far-UV excimer lamp technology
- Continuous surface disinfection
- Designed for fixed and conveyor applications
- Mercury-free and chemical-free operation
- Instant on/off full-power performance
- Durable stainless steel construction
- Optional IP55 venting system for wet environments
- 30,000-hour prorated lamp life warranty

## Technical Specifications

Category	Specification
Power Consumption	400W
Lamp Technology	Far-UV 222nm Excimer
Beam Angle	100°
222nm Irradiance (27 cm from lamp on high)	6.03 mW/cm <sup>2</sup>
Power Supply	100–270V AC   50/60 Hz
Lamp Length	23"
Lamp Surface Area	679 cm <sup>2</sup>
Power Supply Dimensions	12" × 12" × 5"
Power Supply Weight	19.2 lb

IP55 Unit Dimensions	9" x 9" x 64"
IP55 Unit Weight	23.75 lb
Housing Material	Stainless Steel
Operating Temperature	40°–104°F (5°–40°C)
Operating Humidity	10–85% RH
Mounting	AHU / Fixed Surface Applications
Band Pass Filter	Not Applicable
Lamp Life Warranty	30,000 Hours (Prorated)
Power Supply Warranty	1 Year Parts and Labor

**Recommended Applications:**

Food Processing • Conveyor Systems • Packaging Lines • Pharmaceutical Manufacturing • Laboratories • Healthcare Facilities • Veterinary Applications • Industrial Processing

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