

4UV sterilization cabinets – Product Data Sheet

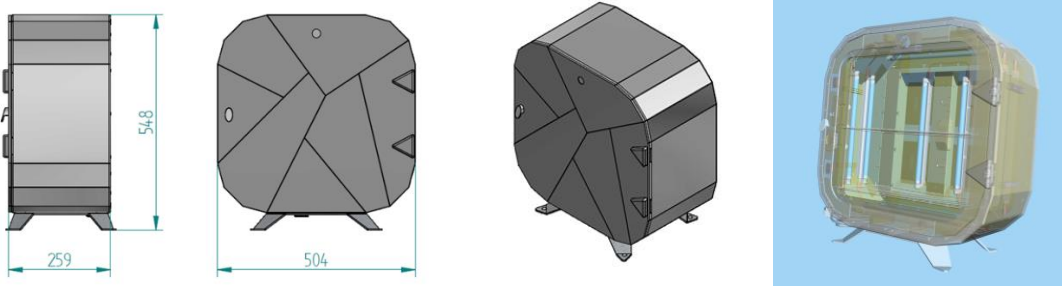
General:

Palram 4U manufactures 4UV sterilization cabinets.

The 4UV sterilization cabinet is designed to be used by domestic and commercial customers, ensuring virus protection and biosecurity. It can disinfect, domestic items such as cell phones, wallets, credit cards and postal items such as letters and parcels, within only 60 seconds.

Its dimensions also suite the sanitization needs of stores, small businesses and personal care services. It sanitizes faster than the alternatives and can accommodate larger items than any other domestic sterilizing solution. The 4UV Sterilization Cabinet facilitates sanitizing deliveries wherever it is needed.

Sterilization cabinet drawing:



Sterilization cabinet description:

- Disinfects objects surfaces by UVC exposure
- Connects to an AC wall socket 110V or 220V
- Can be mounted on a wall or placed on its legs
- Simple automatic operation
 - 60 seconds disinfection cycle auto-starts when the door is closed
 - Front animation shows progress and completion
 - Cycle ends automatically after 60 seconds
- Adjustable two shelves system
- UVC Safety - UVC radiation is harmful exposed skin and eyes.
 - The cabinet was designed so no UVC radiation can escape the chamber when the door is closed.

- There are multiple redundant mechanisms to ensure that no radiation will be emitted when the door is open.
- Proved to destroy at least 99.9% of surface pathogens
- Large volume fits most postal packages

Sterilization cabinet structure:

- Cabinet body – Multilayered PVC, coated with Aluminum paint
- Weight – 13Kg

Sterilization cabinet materials:

Raw material toxicity:

The raw materials from which the Sterilization cabinet is made, are non-toxic, do not cause irritation, and are suitable for home use.

Standards:

The sterilization cabinet complies with part 15 of the FCC rules.

Conforms to safety standards: UL 603355-1, EN 60335-1, EN 62233

Conforms to EMC standards: EN 55014-1, EN 55014-2

Additional information:

- UVC radiation is very effective in destroying viruses, bacteria, and molds on the surface of smooth objects when there is a direct line of sight between the radiation source and the pathogen. Coarse surfaces or folds may hide pathogens from this radiation and so may not be destroyed.
- The UVC bulbs are rated for 8000 hours and may be replaced at the end of their life. When a gray ring appears on the bulb's glass it means the bulb needs to be replaced.
- Storage temperatures: -10°C to 55°C
- Operation temperatures: 5°C to 40°C
- Power consumption: Up to 80 Watts
- If any section of the enclosure is damaged or cracked discontinue use.
- Do not operate if wet.
- Test reports will be provided upon request.

