

Technical Data Sheet



Combined Germicidal Unit – SPECTRA silent PRO lite

Models:

Enclosed germicidal unit: 36W, 55W, 72W, 110W

Optional hybrid configuration with open UVC module: 72W or 110W

Technical Specifications

- **Power supply:** 230V / 50Hz
- **Enclosed UVC output:** 36W, 55W, 72W, 110W
- **Open UVC output:** 55W, 110W
- **Total fan airflow:** 240 m³/h
- **Airflow dynamics:** Optimized internal airflow design
- **Noise level:** 22.5 dB
- **Number of UVC lamps:**
 - Enclosed version: 1 or 2 pcs
 - Open version: 2 pcs
- **Lamp manufacturer and type:** Philips or OSRAM, type 2G11
- **Wavelength:** 253.7 nm (UV-C spectrum)
- **Dimensions:** Length 95 cm × Height 15 cm × Depth 5 cm
- **Control:** Programmable timer or remote control
- **Motion sensor:** Included with open UVC configuration
- **Operating hour counter for enclosed UVC unit:** Included
- **Standard accessories:** Mounting kit (anchors, screws for wall installation)
- **Available colors:** White or black

Optional Accessories (at additional cost)

- Mobile stand with lockable wheels
- Operating hour counter
- WiFi control module

Short Product Description

The term *germicidal radiation* refers to artificial ultraviolet radiation from the UV spectrum. For air sterilization, radiation in the range of 200–280 nm is the most effective.

The enclosed germicidal unit GRIZZLY Spectra produces ultraviolet radiation at a wavelength of **253.7 nm**.

UV radiation at this wavelength disrupts and destroys ribonucleic acids (RNA) within living cells. Exposure to UV-C radiation causes structural cellular changes, inhibiting cell division and, at sufficient doses, completely stopping it. As a result, it creates a healthier environment and protects people from potential infections.

Manufacturer

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GENERAL SAFETY WARNINGS

- This device is not waterproof and must be used indoors only.
- Damage caused by water is not covered by warranty.
- Do not open the housing or perform mechanical modifications.
- For use by persons over 18 years of age only.
- Do not touch or open the device during operation.
- Do not handle the device with wet or damp hands.
- Keep the device out of reach of children.
- Disconnect the device from the power source when not in use.

GRIZZLY s.r.o. shall not be held liable for damage to persons or property caused by this product, nor for damage resulting from improper handling by the user or third parties. The user is responsible for proper installation, operation, and storage of this product.

SAFETY

For safety reasons, unauthorized modification or adjustment of the device is strictly prohibited.

Prevent handling of the device by minors.

