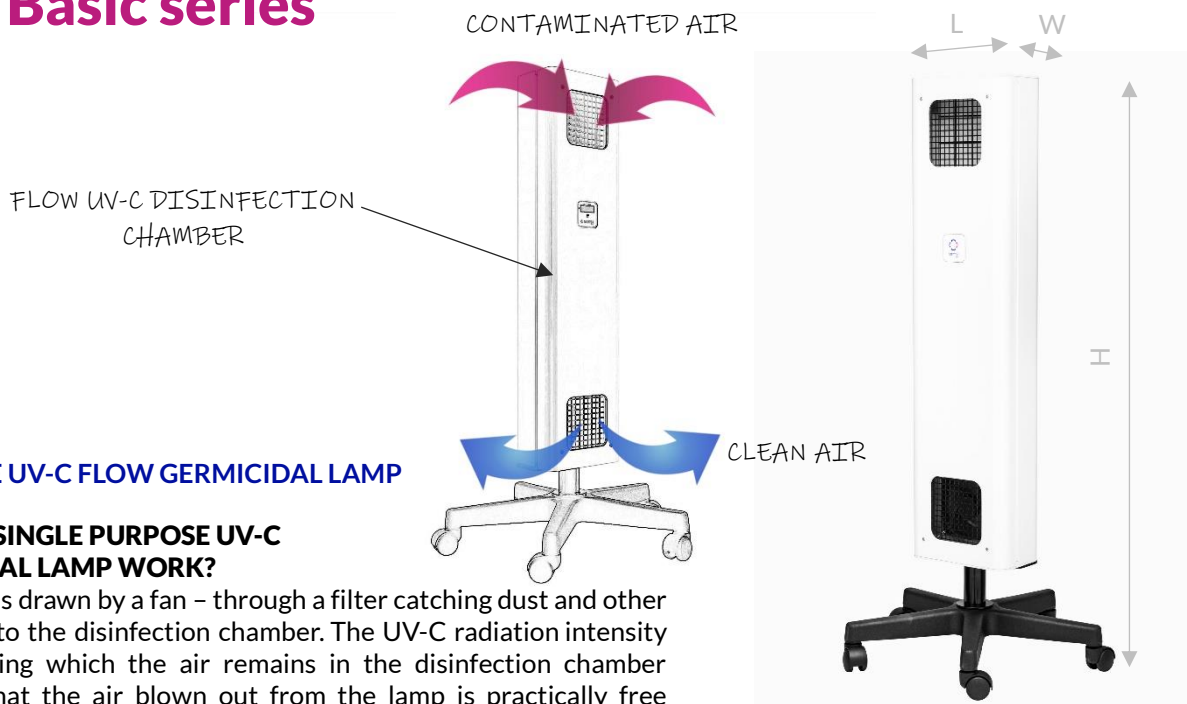


TECHNICAL DATA SHEET

ASEPTOR Basic series



ASB 255 M

SINGLE PURPOSE UV-C FLOW GERMICIDAL LAMP

HOW DOES THE SINGLE PURPOSE UV-C FLOW GERMICIDAL LAMP WORK?

Contaminated air is drawn by a fan – through a filter catching dust and other contaminations into the disinfection chamber. The UV-C radiation intensity and the time during which the air remains in the disinfection chamber are selected so that the air blown out from the lamp is practically free of microorganisms. It should also be noted that the forced flow of the air results in its smooth circulation and cause disinfection of the air in the whole room. This is a safe way to get rid of viruses, bacteria, molds, and fungi from the air.

BASIC DATA:

| | |
|---|--|
| Airflow disinfection function (flow disinfection chamber) | yes |
| Direct radiation function | no |
| Presence of people, animals, plants inside the room during the disinfection process | allowed |
| Mounting type | on mobile stand |
| Working time counter | no |
| External bulbs | no |
| Casing material* | powder-coated steel |
| Anti-dust filters | yes, 1 filter inside the device, 5 additional pcs. for each lamp |
| Switch on/off | built-in lamp body |
| Ambient temperature | +10°C to +40°C |
| Relative humidity | 30% to 70% |
| Atmospheric pressure | 700 hPa to 1060 hPa |
| Declaration of conformity | yes |
| User's manual English version | yes |

*ASB lamps can be covered with RAL colors; INOX acid-proof steel version of ASB lamps on demand

TECHNICAL DATA SHEET

ASEPTOR Basic series

ASB 255 M

SINGLE PURPOSE UV-C FLOW GERMICIDAL LAMP

TECHNICAL DATA:

| | |
|---|---------------------------------|
| Supply voltage | 230 V, 50 Hz |
| Power consumption | 120 W |
| UV-C bulbs (Philips/Osram) | 2 x 55 W (PL-L TUV/HNS-L 2G11) |
| UV-C radiation wavelength | 253.7 nm |
| The useful lifetime of the UV-C bulbs | min. 9000 h |
| The radiation intensity of the external UV-C tube at a distance of 1m | - |
| Fan capacity | 130 m ³ /h |
| Airflow capability | 60 m ³ /h |
| Cubage of disinfected room | 150 m ³ |
| The effective area of the lamp | 60 m ² |
| Fan noise level | <30 dB |
| Class of protection against electric shock | I |
| Ingress Protection Code | IP 20 |
| Class for the medical environment | B-home |
| Group according to PN-EN 55011 Clause 5 | 1 |
| Compliance with PN- EN 60601-1 | yes |
| Lamp body dimensions (L x W x H) | 250 x 155 x 1035 mm |
| Overall dimensions (L x W x H) | 600 x 600 x 1250 mm |
| Lamp body mass | 10.9 kg |
| Total lamp mass | 14.5 kg |
| Power cord length | 3 m, ended with the socket plug |

APPLICATION RECOMMENDATIONS:

Hospitals

- hospital's operation theatres
- intensive care units
- hospital emergency rooms
- examination and treatment rooms
- reception units
- patient rooms, isolation rooms
- soiled/dirty utility rooms

Outpatient clinics

Medical laboratories

Chemist's

Beauty salons

HoReCa

- SPA hotels
- hotels
- restaurants
- catering/café

Schools

Kindergartens