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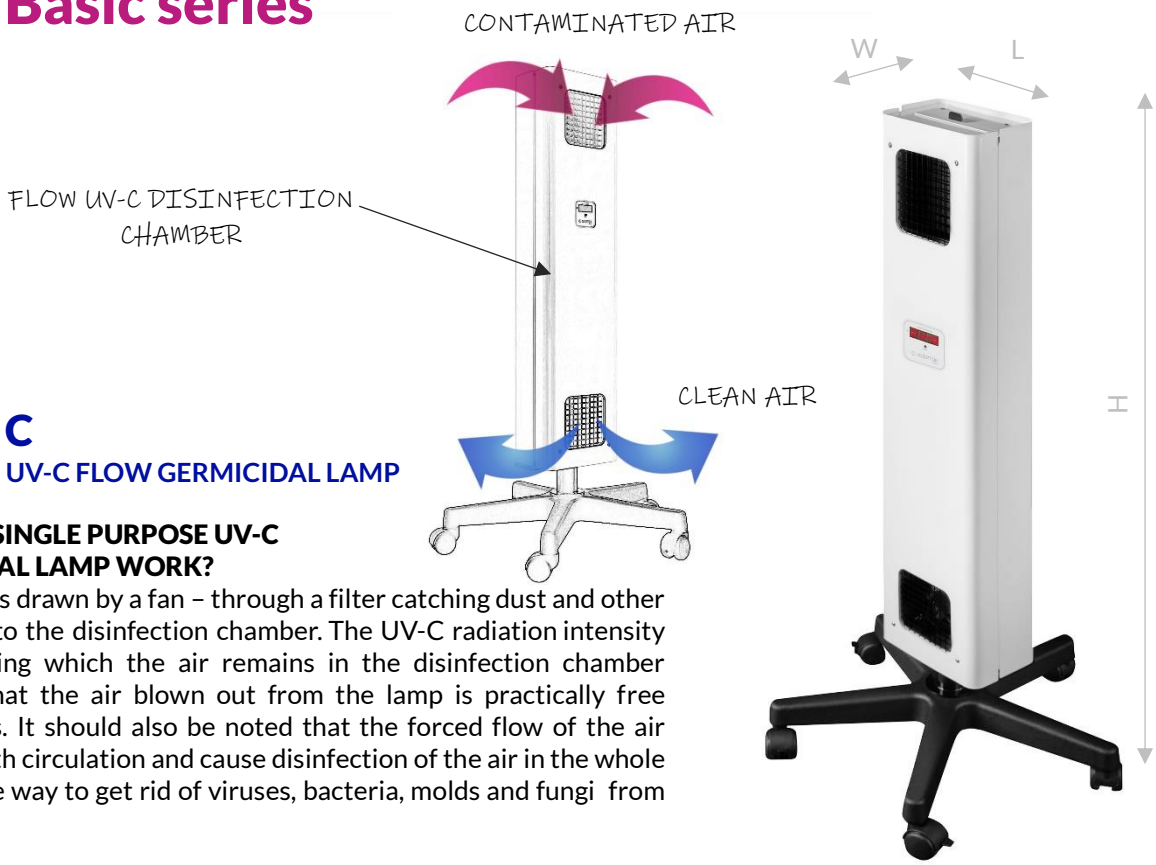
TECHNICAL DATA SHEET

ASEPTOR Basic series



ASB 236 M C

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:

Air flow disinfection function (flow disinfection chamber)	yes
Direct radiation function	no
Presence of people, animals, plants inside the room during disinfection process	allowed
Mounting type	on mobile stand
Working time counter	yes, advanced LED counter
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 colours; INOX acid-proof steel version of ASB lamps on demand

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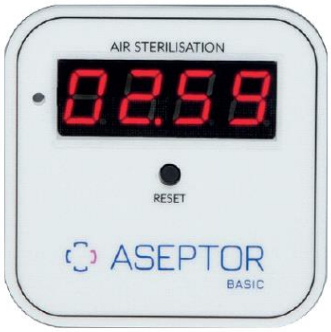
ASB 236 M C

SINGLE PURPOSE UV-C FLOW GERMICIDAL LAMP

TECHNICAL DATA:

Supply voltage	230 V, 50 Hz
Power consumption	80 W
UV-C bulbs (Philips/Osram)	2 x 36 W (PL-L TUV/HNS-L 2G11)
UV-C radiation wave-length	253.7 nm
Useful lifetime of the UV-C bulbs	min. 9000 h
Radiation intensity of the external UV-C tube at the distance of 1m	-
Fan capacity	80 m^3/h
Air flow capability	35 m^3/h
Cubage of disinfected room	90 m^3
Effective area of the lamp	35 m^2
Fan noise level	<20 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)	215 x 140 x 890 mm
Overall dimensions (L x W x H)	600 x 600 x 1070 mm
Lamp body mass	9.1 kg
Total lamp mass	12.7 kg
Power cord length	3 m, ended with the socket plug



C - advanced working-time LED counter in ASEPTOR Basic

- **working time counter (counter accuracy to 1 hour)**
- **automatic brightness level- display shadowing and brightening depending on the light intensity level in the room**
- **quiet alert after 8800 h- visual signaling of the last 200 h of bulb work**
- **acoustic and visual signalization of the UV-C bulbs exchange time (after 9000 h)**
- **bulb error alarm- audio and visual signaling (bulb/Err)**