PROFESSIONAL ROOM STERILIZERS

STERYLIS®

BASIC UV-C

FLATS

HOSPITALS

OFFICES

SHOPS

PHARMACIES

AGENCIES

BARBER SHOPS

CONFECTIONERIES AND BAKERIES

FACTORIES WAREHOUSES

CAR SHOWROOMS

CAR WORKSHOPS

AND OTHERS

MILOO ELECTRONICS

AIRFLOW STERILIZER
TECHNOLOGY

ROOM STERILIZERS BASIC UV-C

These are innovative devices for disinfecting rooms with an additional air filtration function, which use UV-C sources with the most effective wavelength in the fight against microorganisms. They are available in several versions differing in the power of the UV-C source used and the airflow efficiency.

DOUBLE FILTRATION

STERYLIS sterilizers have 2-stage air filtration (pre-filter and exhaust filter). High-quality filter media with electrostatic properties are capable of trapping even microscopic dirt particles. The use of an antibacterial system based on an odorless, non-toxic and invisible to the human eye coating applied to the filter medium allows to remove harmful allergens and bacteria from the air. This technology makes the STERYLIS sterilizers, in addition to their disinfection function, extremely effective also in cleaning air from particulate matter.

UV-C RADIATION

The high-performance lamp system between the filters emits UV-C radiation with wavelength of 253.7 nm. UV-C radiation causes irreversible damage to the DNA and RNA of microorganisms (bacteria, viruses, molds, fungi) leading to their neutralization [9] [10]. This means that after passing through the channel, the air contains a significantly reduced amount of active microorganisms. Thanks to the special closed disinfection channel construction, the emitted high-energy UV-C radiation does not spread outside the interior of the unit, which allows for safe operation of the sterilizer in this mode in rooms where people are present.

INTUITIVE AND CONVENIENT

UNIT FOR EVERYONE

1 ERGONOMIC GRIP

2 LEDS SIGNALING
individual modes of unit operation

3 ALARM LEDS
informing on failures of individual sterilization systems

4 CONTROL PANEL

5 MAIN SWITCH

6 CARTRIDGE FILTERS
easy to replace

7 FEET OR CASTORS
depending on the model

STERYLIS®

BASIC UV-C

SIMPLE OPERATION

The User panel the unit is equipped with is intuitive, functional, and very simple to use. The operating modes are changed by means of mode selection buttons. Signal lights visible from a distance allow you to conveniently assess from a distance which operating mode the device is currently in; safety messages are signaled in the same way.

SILENT OPERATION

By changing the operating mode to "UV-C disinfection SILENT MODE", the unit switches to low fan speed operation and starts quiet operation in disinfection mode. From now on, the user's peaceful sleep with the simultaneous operation of the sterilizer is not at risk.

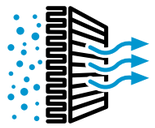
CONVENIENCE

Intelligent air sterilizers provide maximum comfort. They shall inform users of the need to replace UV-C lamps if they burn out, and of damage to other components, e.g. the fan, if any such damage occurs. This is by far the highest level of self-diagnosis in such units.

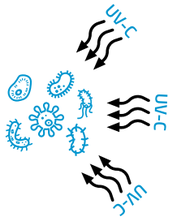
HOW THE UV-C DISINFECTION **TECHNOLOGY WORKS**

PATHOGENS

1 Bacteria, viruses, and other pathogens are transferred to the sterilizer.



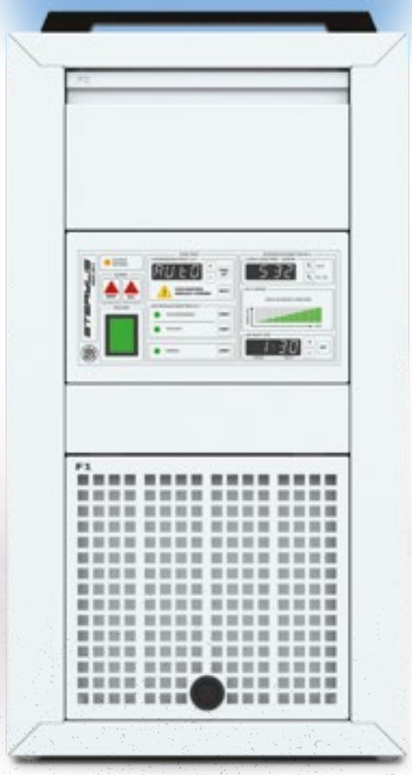
2 Pre-filtration of particulates.



3 Pathogens in the air are exposed to UV-C radiation.

4 The DNA / RNA structure of pathogens is damaged, which prevents its reproduction.

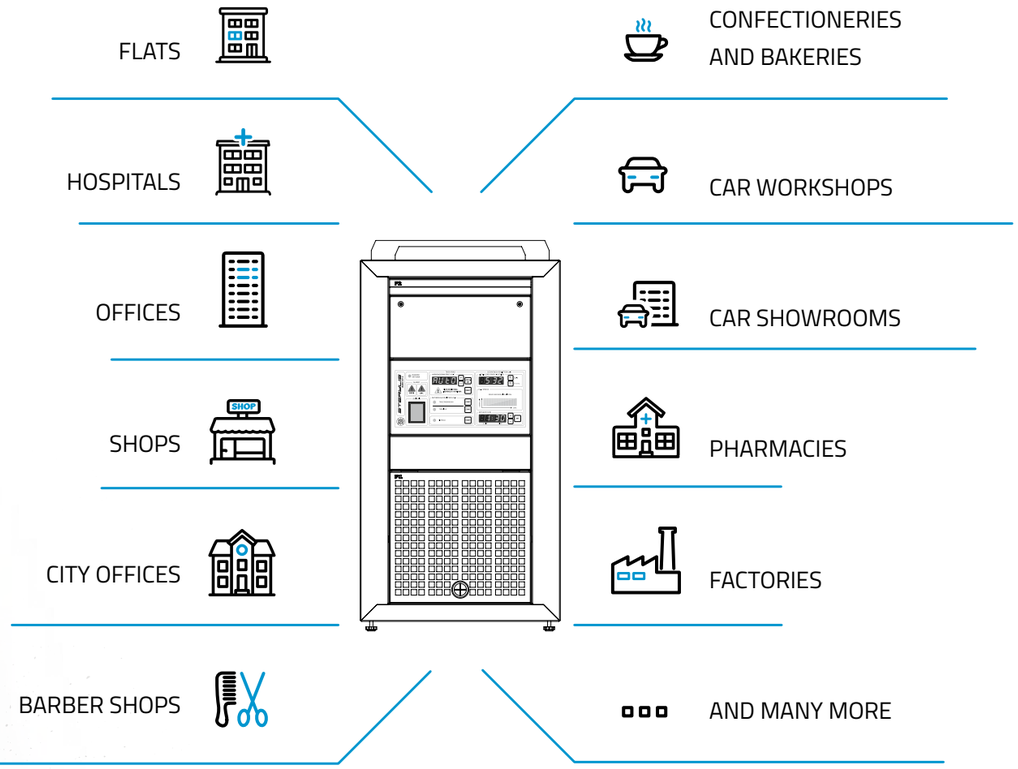
5 The cleaned air is returned to the room through a second outlet filter.



PLACES OF USE

IN PRACTICALLY EVERY ROOM!

STERYLIS UV-C devices are adapted to every type of room and to different cubic capacities. Their power and performance allows them to be adjusted to operate both during the day and at night (night mode - silent).
They are characterized by many advantages, such as safety, convenient usage / service / and simple operation.



UV-C RADIATION DOSE

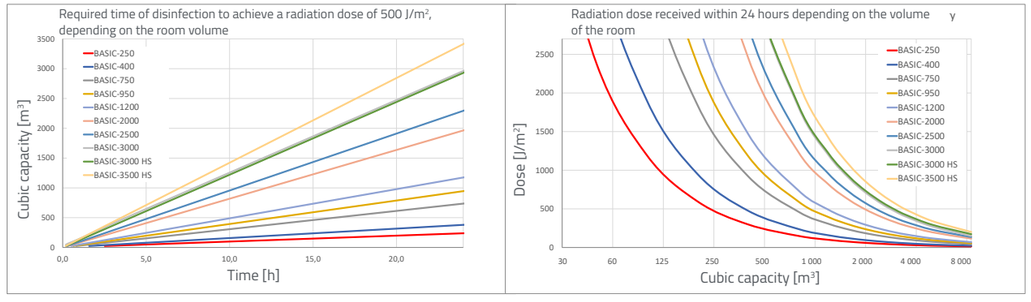
GENERATED BY THE UNIT

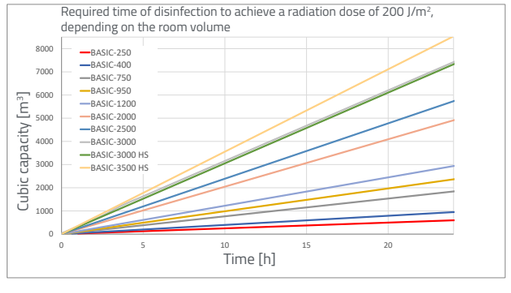
DURING DISINFECTION

The degree of deactivation of pathogens with ultraviolet radiation directly depends on the dose of this UV-C radiation. The UV-C dose is the product of the irradiance \[I] and the exposure time \[t].
Therefore: DOSE = I x t
The UV-C radiation dose is expressed in joules per square meter \[J/m²].

The generated UV-C radiation dose at one passage of air through the full volume of the disinfection chamber

STERYLIS unit model		BASIC-250	BASIC-400	BASIC-750	BASIC-950	BASIC-1200	BASIC-2000	BASIC-2500	BASIC-3000	BASIC-3000 HS	BASIC-3500 HS
UV-C disinfection operating mode (silent)	Average dose [J/m²]	26	33	49	52	136	128	80	95	65	74
	Efficiency [m³/h]	190	240	310	380	180	320	600	640	940	960
UV-C disinfection operating mode	Average dose [J/m²]	19	26	37	33	94	95	63	78	51	57
	Efficiency [m³/h]	260	300	420	600	260	430	760	780	1,200	1,240





UV-C RADIATION DOSE

REQUIRED TO NEUTRALIZE THE PATHOGEN

The UV-C radiation dose required for a 99.9% pathogen reduction is shown in the table. The exemplary data given are collected from scientific publications and research on ultraviolet light sterilization technology from around the world. [1] [2] [3] [4] [5] [6] [7] [8]

BACTERIA

	\[J/m²]
Agrobacterium Lumefaciens	85
Acinetobacter	14
Bacillus Anthracis	87
Bacillus Anthracis Spores	462
BaciHus Megatherium Sp. (Veg)	25
Bacillus Megatherium Sp. (Spores)	52
Bacillus Paratyphosus	61
Bacillus Subtilis	110
Bacillus Subtilis Spores	220
Bordetella pertussis	63
Clostridium Tetani	231
Clostridium Botulinum	112
Corynebacterium Diphtheriae	65
Dysentery Bacilli	42
Eberthella Typhosa	41
Enterobacter cloacae	64
Enterococcus	28
Escerichia Coll	86
Haemophilus influenzae	19
Haemophilus parainfluenzae	77
Klebsiella pneumoniae	52
Legionella pneumophila	11
Legionella Dumoffill	55
Legionella Gormanil	49
Legionella Micdadei	31
Legionella Longbeachae	29
Leglonella Pneumophfla	27
Leptospiracanicola - Infectious Jaundice	60
Leptospira Interrogans	80
Micrococcus Candidus	123
Micrococcus Sphaeroides	154
Mycobacterlum Tuberculosis	100
Neisseria Catarrhalis	85
Phytomonas Tumefaciens	105
Proteus Vulgaris	39
Pseudomonas Aeruginosa	66
Pseudomonas Fluorescens	76
Rhodospirillum Rubrum	61
Salmonella Enteritidis	100
Salmonella Paratyphi	152
Salmonella Species	70
Salmonella Typhimurium	105
Salmonella Typhosa	264
Salmonella	61.6
Sarcina Lutea	42
Serratia Marcescens	34
Shigella Dysenteriae-Dysentery	34
Shigella Flexneri-Dysentery	70
Shigella Paradysenteriae	85
Shigella Sonnei	66
Spirillum Rubrum	61.6
Staphlylococcus Albus	57.2
Staphlylococcus Aureus	66
Staphlylococcus Epidermidis	58
Streptococcus Faecaila	100
Streptococcus Hemolyticus	55
Streptococcus Lactis	88
Streptococcus Pyrogenes	42
Streptococcus Salivarius	42
Streptococcus Viridans	38
Typhoid Fever	41
Vibrio Comma (Cholera)	65
Vibrio Cholerae	65

MOLDS

	\[J/m²]
Aspergillus Amstelodami	770
Aspergillus Flavus	990
Aspergillus Glaucus	880
Mucor Mucedo	770
Mucor Racemosus (A & B)	352
Oospora Lactis	110
Penicillium Chrysogenum	560
Penicillium Digitatum	880
Penicillium Expansum	220
Penicillium Roqueforti	264

PROTOZOANS

	[J/m²]
Chlorella Volgaris (atgae)	220
E. Hystolytica	840
Nematode Eggs	400

VIRUSES

	[J/m²]
Adenovirus	45
Bacterlophage (E.Coli)	66
Coronavirus (SARS)	18
SARS Coronavirus CoV-P9	40
Murine Coronavirus (MHV)	103
SARS Coronavirus (Hanoi)	134
SARS Coronavirus (Urbani)	241
Coxsackievirus	63
Infectious Hepatitis	80
Influenza	34
Measles virus	22
Mumps virus	30
Norwalk virus	198
Parainfluenza virus	21
Parvovirus B19	25
Poliovirus	210
Reovirus	158
Rhinovirus	162
Rotavirus	240
RSV	25
Rubella virus	622
VZV (Varicella surrogate k)	18
Variola	240

FUNGI

	[J/m²]
Aspergillus spores	258
Baker's Yeast	88
Blastomyces dermatitidis spores	140
Brewer's Yeast	66
Common Yeast Cake	132
Cryptococcus neoformans spores	138
Fusarium spores	269
Mucor spores	228
Rhizopus spores	267
Saccharomyces Cereisiae	132
Saccharomyces Ellipsoideus	132
Saccharomyces Sp.	176

STERYLIS®
PROFESSIONAL ROOM STERILIZERS

MODEL **BASIC-250**

Recommended
CUBIC CAPACITY
of the sterilized room

250 m³

WORK MODES:

- Filtration
- **Disinfection UV-C**
- **UV-C disinfection** - silent mode

TECHNICAL SPECIFICATIONS:

STANDARD MODE – UV-C DISINFECTION	
Recommended cubic capacity of the disinfected room (assuming 24 h/day operation)	**250 m³**
Initial maximum UV-C radiation dose	**93 J/m²**
Average radiation dose	**19 J/m²**
Fan performance UV-C disinfection mode	**260 m³/h**
Noise level – disinfection mode UV-C	**50 dB(A)**

SILENT MODE – UV-C DISINFECTION	
Initial maximum UV-C radiation dose	**127 J/m²**
Average UV-C radiation dose	**26 J/m²**
Fan performance UV-C disinfection mode (silent)	**190 m³/h**
Noise level – disinfection mode UV-C (silent)	**43 dB(A)**

FILTRATION MODE	
Fan capacity in filter mode	**260 m³/h**
Noise level – filtering mode	**50 dB(A)**

UV lamp	**YES**
Type lamps UV	**UV-C sterilization λ= 253.7 nm**
Electrical power of UV lamps	**72 W**
Durability of UV lamps	**9,000 h**
Power of the UV light source	**19.2 W**

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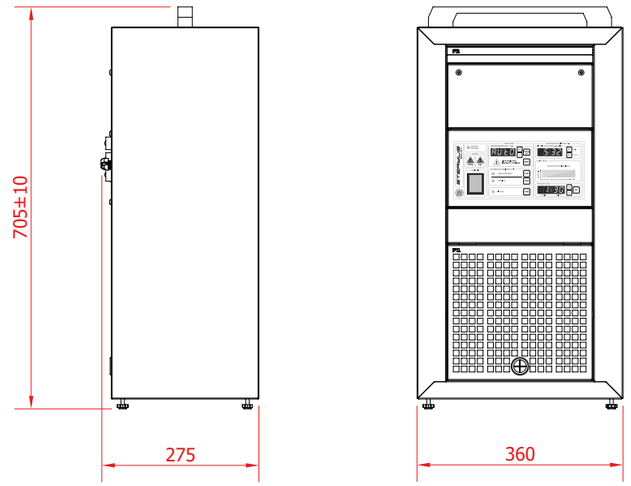
PROFESSIONAL ROOM STERILIZERS

MODEL **BASIC-250**



Air filtering	**2-stage**
Fan type	**Radial**
Fan engine	**enclosed**
Type	**flowtype**
Power supply	**230 V (AC), 50 Hz**
Rated current	**0.6 A**
Rated power	**140 W**
Power cable length	**3 m / 10 m***
Dimensions (H x W x D)	**705 x 360 x 275**
Net weight	**16 kg**
Type of housing	**metal, powder-coated**
Transport wheels/handles	**handle/castors***
Additional functions	**detachable power cord**

* – option depending on version

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MODEL **BASIC-400**

Recommended
CUBIC CAPACITY
of the sterilized room

400 m³

WORK MODES:

- Filtration
- Disinfection UV-C
- UV-C **disinfection** - silent mode

TECHNICAL SPECIFICATIONS:

STANDARD MODE – UV-C DISINFECTION	
Recommended cubic capacity of the disinfected room (assuming 24 h/day operation)	**400 m³**
Initial maximum UV-C radiation dose	**120 J/m²**
Average radiation dose	**26 J/m²**
Fan performance UV-C disinfection mode	**300 m³/h**
Noise level – disinfection mode UV-C	**52 dB(A)**
SILENT MODE – UV-C DISINFECTION	
Initial maximum UV-C radiation dose	**150 J/m²**
Average UV-C radiation dose	**33 J/m²**
Fan performance UV-C disinfection mode (silent)	**240 m³/h**
Noise level – disinfection mode UV-C (silent)	**50 dB(A)**
FILTRATION MODE	
Fan capacity in filter mode	**300 m³/h**
Noise level – filtering mode	**52 dB(A)**
UV lamp	**YES**
Type lamps UV	**UV-C sterilization λ= 253.7 nm**
Electrical power of UV lamps	**100 W**
Durability of UV lamps	**9,000 h**
Power of the UV light source	**30 W**

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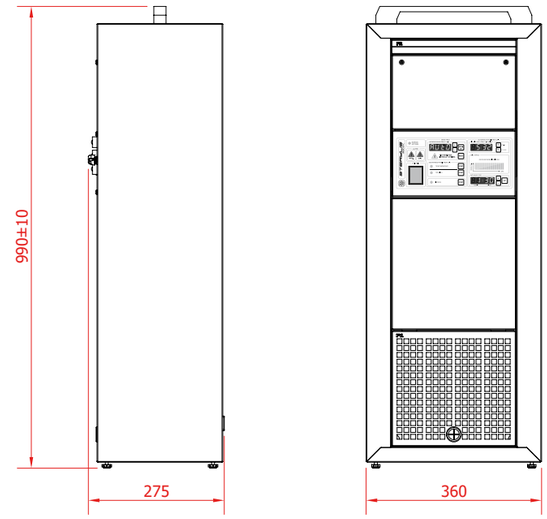
MODEL **BASIC-400**



Air filtering	**2-stage**
Fan type	**Radial**
Fan engine	**enclosed**
Type	**flowtype**
Power supply	**230 V (AC), 50 Hz**
Rated current	**0.7 A**
Rated power	**170 W**
Power cable length	**3 m / 10 m***
Dimensions (H x W x D)	**990 x 360 x 275**
Net weight	**17 kg**
Type of housing	**metal, powder-coated**
Transport wheels/handles	**handle/castors***
Additional functions	**detachable power cord**

* – option depending on version

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PROFESSIONAL ROOM STERILIZERS

MODEL **BASIC-750**

Recommended
CUBIC CAPACITY
of the sterilized room

750 m³

WORK MODES:

- Filtration
- **Disinfection UV-C**
- **UV-C disinfection** - silent mode

TECHNICAL SPECIFICATIONS:

STANDARD MODE – UV-C DISINFECTION	
Recommended cubic capacity of the disinfected room (assuming 24 h/day operation)	**750 m³**
Initial maximum UV-C radiation dose	**190 J/m²**
Average radiation dose	**37 J/m²**
Fan performance UV-C disinfection mode	**420 m³/h**
Noise level – disinfection mode UV-C	**56 dB(A)**

SILENT MODE – UV-C DISINFECTION	
Initial maximum UV-C radiation dose	**257 J/m²**
Average UV-C radiation dose	**49 J/m²**
Fan performance UV-C disinfection mode (silent)	**310 m³/h**
Noise level – disinfection mode UV-C (silent)	**50 dB(A)**

FILTRATION MODE	
Fan capacity in filter mode	**420 m³/h**
Noise level – filtering mode	**56 dB(A)**

UV lamp	**YES**
Type lamps UV	**UV-C sterilization λ= 253.7 nm**
Electrical power of UV lamps	**150 W**
Durability of UV lamps	**9,000 h**
Power of the UV light source	**45 W**

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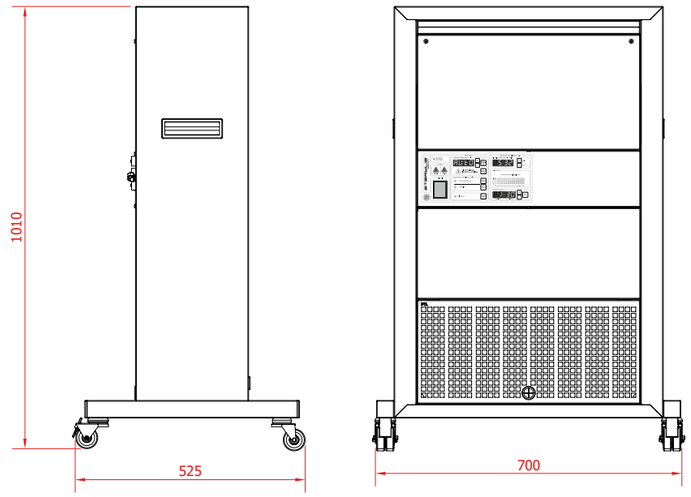
MODEL **BASIC-750**



Air filtering	**2-stage**
Fan type	**Radial**
Fan engine	**enclosed**
Type	**flowtype**
Power supply	**230 V (AC), 50 Hz**
Rated current	**1.0 A**
Rated power	**220 W**
Power cable length	**3 m / 10 m***
Dimensions (H x W x D)	**1010 x 700 x 525**
Net weight	**31 kg**
Type of housing	**metal, powder-coated**
Transport wheels/handles	**transport wheels**
Additional functions	**detachable power cord**

* – option depending on version

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STERYLIS®
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MODEL **BASIC-950**

Recommended
CUBIC CAPACITY
of the sterilized room

950 m³

WORK MODES:

- Filtration
- **Disinfection UV-C**
- **UV-C disinfection** - silent mode

TECHNICAL SPECIFICATIONS:

STANDARD MODE – UV-C DISINFECTION	
Recommended cubic capacity of the disinfected room (assuming 24 h/day operation)	**950 m³**
Initial maximum UV-C radiation dose	**131 J/m²**
Average radiation dose	**33 J/m²**
Fan performance UV-C disinfection mode	**600 m³/h**
Noise level – disinfection mode UV-C	**53 dB(A)**

SILENT MODE – UV-C DISINFECTION	
Initial maximum UV-C radiation dose	**207 J/m²**
Average UV-C radiation dose	**52 J/m²**
Fan performance UV-C disinfection mode (silent)	**380 m³/h**
Noise level – disinfection mode UV-C (silent)	**46 dB(A)**

FILTRATION MODE	
Fan capacity in filter mode	**600 m³/h**
Noise level – filtering mode	**53 dB(A)**

UV lamp	**YES**
Type lamps UV	**UV-C sterilization λ= 253.7 nm**
Electrical power of UV lamps	**200 W**
Durability of UV lamps	**9,000 h**
Power of the UV light source	**60 W**

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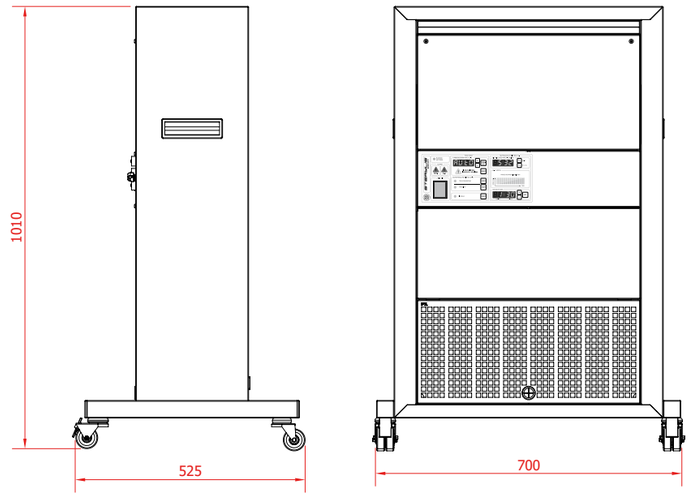
MODEL **BASIC-950**



Air filtering	**2-stage**
Fan type	**Radial**
Fan engine	**enclosed**
Type	**flowtype**
Power supply	**230 V (AC), 50 Hz**
Rated current	**1.4 A**
Rated power	**320 W**
Power cable length	**3 m / 10 m***
Dimensions (H x W x D)	**1010 x 700 x 525**
Net weight	**32 kg**
Type of housing	**metal, powder-coated**
Transport wheels/handles	**transport wheels**
Additional functions	**detachable power cord**

* – option depending on version

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STERYLIS®
PROFESSIONAL ROOM STERILIZERS

MODEL **BASIC-1200**

Recommended
CUBIC CAPACITY
of the sterilized room

1,200 m³

WORK MODES:

- Filtration
- **Disinfection UV-C**
- **UV-C disinfection** - silent mode

TECHNICAL SPECIFICATIONS:

STANDARD MODE – UV-C DISINFECTION	
Recommended cubic capacity of the disinfected room (assuming 24 h/day operation)	**1200 m³**
Initial maximum UV-C radiation dose	**428 J/m²**
Average radiation dose	**94 J/m²**
Fan performance UV-C disinfection mode	**260 m³/h**
Noise level – disinfection mode UV-C	**49 dB(A)**

SILENT MODE – UV-C DISINFECTION	
Initial maximum UV-C radiation dose	**618 J/m²**
Average UV-C radiation dose	**136 J/m²**
Fan performance UV-C disinfection mode (silent)	**180 m³/h**
Noise level – disinfection mode UV-C (silent)	**44 dB(A)**

FILTRATION MODE	
Fan capacity in filter mode	**260 m³/h**
Noise level – filtering mode	**49 dB(A)**

UV lamp	**YES**
Type lamps UV	**UV-C sterilization λ= 253.7 nm**
Electrical power of UV lamps	**220 W**
Durability of UV lamps	**9,000 h**
Power of the UV light source	**78W**

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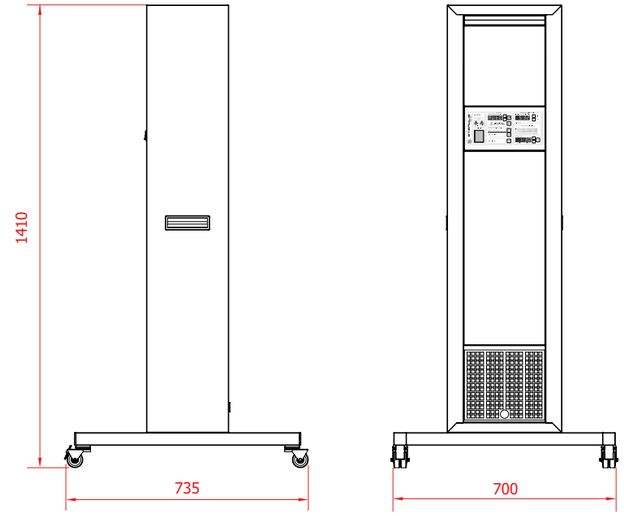
MODEL **BASIC-1200**



Air filtering	**2-stage**
Fan type	**Radial**
Fan engine	**enclosed**
Type	**flowtype**
Power supply	**230 V (AC), 50 Hz**
Rated current	**1.2 A**
Rated power	**285 W**
Power cable length	**3 m / 10 m***
Dimensions (H x W x D)	**1410 x 700 x 760**
Net weight	**24 kg**
Type of housing	**metal, powder-coated**
Transport wheels/handles	**transport wheels**
Additional functions	**detachable power cord**

* – option depending on version

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STERYLIS®
PROFESSIONAL ROOM STERILIZERS

MODEL **BASIC-2000**

Recommended
CUBIC CAPACITY
of the sterilized room

2000 m³

WORK MODES:

- Filtration
- **Disinfection UV-C**
- **UV-C disinfection** - silent mode

TECHNICAL SPECIFICATIONS:

STANDARD MODE – UV-C DISINFECTION	
Recommended cubic capacity of the disinfected room (assuming 24 h/day operation)	**2000 m³**
Initial maximum UV-C radiation dose	**388 J/m²**
Average radiation dose	**95 J/m²**
Fan performance UV-C disinfection mode	**430 m³/h**
Noise level – disinfection mode UV-C	**56 dB(A)**
SILENT MODE – UV-C DISINFECTION	
Initial maximum UV-C radiation dose	**521 J/m²**
Average UV-C radiation dose	**128 J/m²**
Fan performance UV-C disinfection mode (silent)	**320 m³/h**
Noise level – disinfection mode UV-C (silent)	**52 dB(A)**
FILTRATION MODE	
Fan capacity in filter mode	**430 m³/h**
Noise level – filtering mode	**56 dB(A)**
UV lamp	**YES**
Type lamps UV	**UV-C sterilization λ= 253.7 nm**
Electrical power of UV lamps	**330 W**
Durability of UV lamps	**9,000 h**
Power of the UV light source	**118 W**

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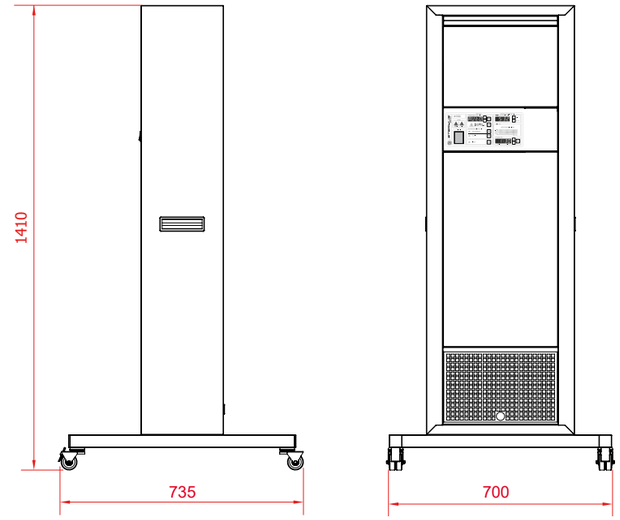
MODEL **BASIC-2000**



Air filtering	**2-stage**
Fan type	**Radial**
Fan engine	**enclosed**
Type	**flowtype**
Power supply	**230 V (AC), 50 Hz**
Rated current	**1.7 A**
Rated power	**400 W**
Power cable length	**3 m / 10 m***
Dimensions (H x W x D)	**1410 x 700 x 760**
Net weight	**33 kg**
Type of housing	**metal, powder-coated**
Transport wheels/handles	**transport wheels**
Additional functions	**detachable power cord**

* – option depending on version

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STERYLIS®
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MODEL **BASIC-2500**

Recommended
CUBIC CAPACITY
of the sterilized room

2500 m³

WORK MODES:

- Filtration
- **Disinfection UV-C**
- **UV-C disinfection** - silent mode

TECHNICAL SPECIFICATIONS:

STANDARD MODE – UV-C DISINFECTION	
Recommended cubic capacity of the disinfected room (assuming 24 h/day operation)	**2500 m³**
Initial maximum UV-C radiation dose	**327 J/m²**
Average radiation dose	**63 J/m²**
Fan performance UV-C disinfection mode	**760 m³/h**
Noise level – disinfection mode UV-C	**57 dB(A)**
SILENT MODE – UV-C DISINFECTION	
Initial maximum UV-C radiation dose	**415 J/m²**
Average UV-C radiation dose	**80 J/m²**
Fan performance UV-C disinfection mode (silent)	**600 m³/h**
Noise level – disinfection mode UV-C (silent)	**54 dB(A)**
FILTRATION MODE	
Fan capacity in filter mode	**760 m³/h**
Noise level – filtering mode	**57 dB(A)**
UV lamp	**YES**
Type lamps UV	**UV-C sterilization λ= 253.7 nm**
Electrical power of UV lamps	**330 W**
Durability of UV lamps	**9,000 h**
Power of the UV light source	**118 W**

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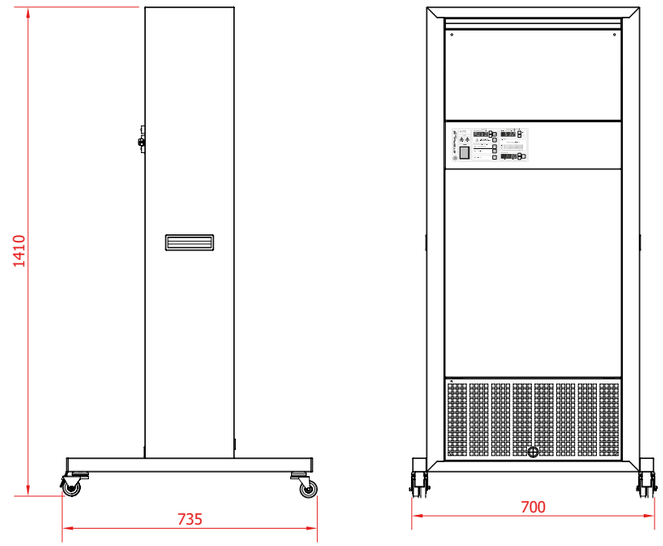
MODEL **BASIC-2500**



Air filtering	**2-stage**
Fan type	**Radial**
Fan engine	**enclosed**
Type	**flowtype**
Power supply	**230 V (AC), 50 Hz**
Rated current	**2.5 A**
Rated power	**570 W**
Power cable length	**3 m / 10 m***
Dimensions (H x W x D)	**1410 x 700 x 735**
Net weight	**47 kg**
Type of housing	**metal, powder-coated**
Transport wheels/handles	**transport wheels**
Additional functions	**detachable power cord**

* – option depending on version

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STERYLIS®
PROFESSIONAL ROOM STERILIZERS

MODEL **BASIC-3000**

Recommended
CUBIC CAPACITY
of the sterilized room

3000 m³

WORK MODES:

- Filtration
- **Disinfection UV-C**
- **UV-C disinfection** - silent mode

TECHNICAL SPECIFICATIONS:

STANDARD MODE – UV-C DISINFECTION	
Recommended cubic capacity of the disinfected room (assuming 24 h/day operation)	**3000 m³**
Initial maximum UV-C radiation dose	**313 J/m²**
Average radiation dose	**78 J/m²**
Fan performance UV-C disinfection mode	**780 m³/h**
Noise level – disinfection mode UV-C	**56 dB(A)**
SILENT MODE – UV-C DISINFECTION	
Initial maximum UV-C radiation dose	**382 J/m²**
Average UV-C radiation dose	**95 J/m²**
Fan performance UV-C disinfection mode (silent)	**640 m³/h**
Noise level – disinfection mode UV-C (silent)	**53 dB(A)**
FILTRATION MODE	
Fan capacity in filter mode	**780 m³/h**
Noise level – filtering mode	**56 dB(A)**
UV lamp	**YES**
Type lamps UV	**UV-C sterilization λ= 253.7 nm**
Electrical power of UV lamps	**440 W**
Durability of UV lamps	**9,000 h**
Power of the UV light source	**157 W**

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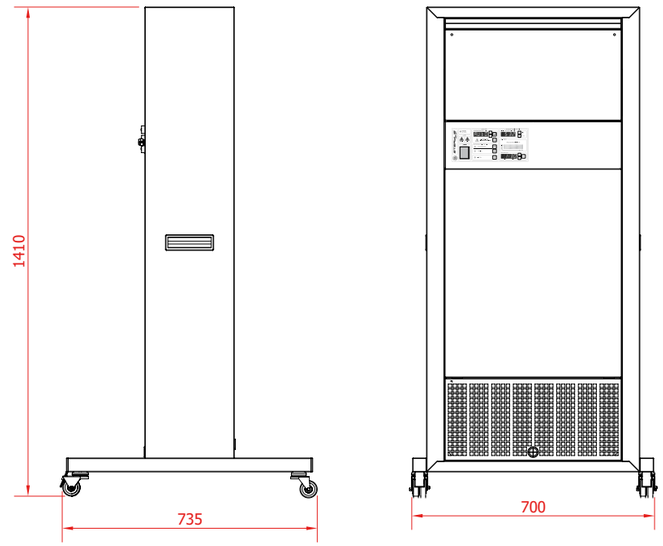
MODEL **BASIC-3000**



Air filtering	**2-stage**
Fan type	**Radial**
Fan engine	**enclosed**
Type	**flowtype**
Power supply	**230 V (AC), 50 Hz**
Rated current	**3.0 A**
Rated power	**680 W**
Power cable length	**3 m / 10 m***
Dimensions (H x W x D)	**1410 x 700 x 760**
Net weight	**45 kg**
Type of housing	**metal, powder-coated**
Transport wheels/handles	**transport wheels**
Additional functions	**detachable power cord**

* – option depending on version

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STERYLIS®
PROFESSIONAL ROOM STERILIZERS

MODEL

BASIC-3000 HS

Recommended
CUBIC CAPACITY
of the sterilized room

3000 m³

WORK MODES:

- Filtration
- **Disinfection UV-C**
- **UV-C disinfection** - silent mode

TECHNICAL SPECIFICATIONS:

STANDARD MODE – UV-C DISINFECTION	
Recommended cubic capacity of the disinfected room (assuming 24 h/day operation)	**3000 m³**
Initial maximum UV-C radiation dose	**203 J/m²**
Average radiation dose	**51 J/m²**
Fan performance UV-C disinfection mode	**1200 m³/h**
Noise level – disinfection mode UV-C	**59 dB(A)**

SILENT MODE – UV-C DISINFECTION	
Initial maximum UV-C radiation dose	**260 J/m²**
Average UV-C radiation dose	**65 J/m²**
Fan performance UV-C disinfection mode (silent)	**940 m³/h**
Noise level – disinfection mode UV-C (silent)	**55 dB(A)**

FILTRATION MODE	
Fan capacity in filter mode	**1200 m³/h**
Noise level – filtering mode	**59 dB(A)**

UV lamp	**YES**
Type lamps UV	**UV-C sterilization λ= 253.7 nm**
Electrical power of UV lamps	**440 W**
Durability of UV lamps	**9,000 h**
Power of the UV light source	**157 W**

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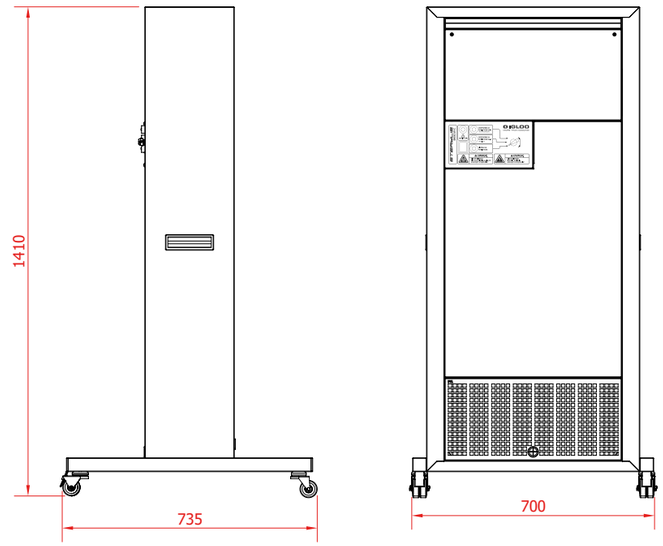
MODEL

BASIC-3000 HS



Air filtering	**2-stage**
Fan type	**Radial**
Fan engine	**enclosed**
Type	**flowtype**
Power supply	**230 V (AC), 50 Hz**
Rated current	**3.0 A**
Rated power	**690 W**
Power cable length	**3 m / 10 m***
Dimensions (H x W x D)	**1410 x 700 x 735**
Net weight	**50 kg**
Type of housing	**metal, powder-coated**
Transport wheels/handles	**transport wheels**
Additional functions	**detachable power cord**

* – option depending on version

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STERYLIS®
PROFESSIONAL ROOM STERILIZERS

MODEL **BASIC-3500 HS**

Recommended
CUBIC CAPACITY
of the sterilized room

3500 m³

WORK MODES:

- Filtration
- **Disinfection UV-C**
- **UV-C disinfection** - silent mode

TECHNICAL SPECIFICATIONS:

STANDARD MODE – UV-C DISINFECTION	
Recommended cubic capacity of the disinfected room (assuming 24 h/day operation)	**3500 m³**
Initial maximum UV-C radiation dose	**193 J/m²**
Average radiation dose	**57 J/m²**
Fan performance UV-C disinfection mode	**1240 m³/h**
Noise level – disinfection mode UV-C	**59 dB(A)**
SILENT MODE – UV-C DISINFECTION	
Initial maximum UV-C radiation dose	**249 J/m²**
Average UV-C radiation dose	**74 J/m²**
Fan performance UV-C disinfection mode (silent)	**960 m³/h**
Noise level – disinfection mode UV-C (silent)	**55 dB(A)**
FILTRATION MODE	
Fan capacity in filter mode	**1240 m³/h**
Noise level – filtering mode	**59 dB(A)**
UV lamp	**YES**
Type lamps UV	**UV-C sterilization λ= 253.7 nm**
Electrical power of UV lamps	**550 W**
Durability of UV lamps	**9,000 h**
Power of the UV light source	**196 W**

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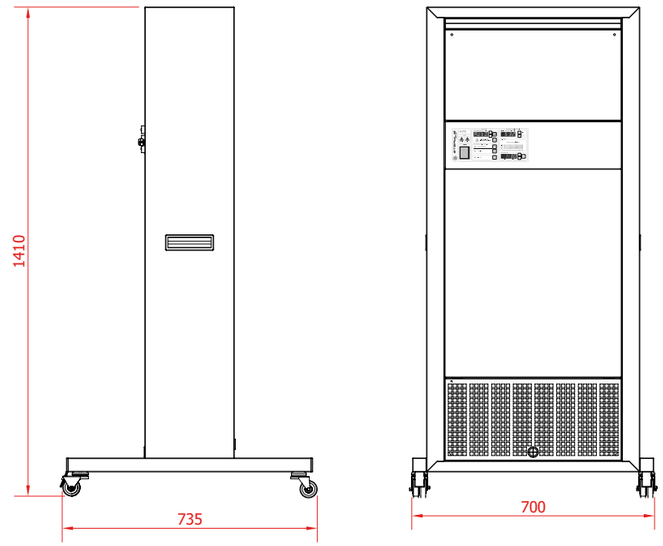
MODEL **BASIC-3500 HS**



Air filtering	**2-stage**
Fan type	**Radial**
Fan engine	**enclosed**
Type	**flowtype**
Power supply	**230 V (AC), 50 Hz**
Rated current	**3.5 A**
Rated power	**800 W**
Power cable length	**3 m / 10 m***
Dimensions (H x W x D)	**1410 x 700 x 760**
Net weight	**51 kg**
Type of housing	**metal, powder-coated**
Transport wheels/handles	**transport wheels**
Additional functions	**detachable power cord**

* – option depending on version

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