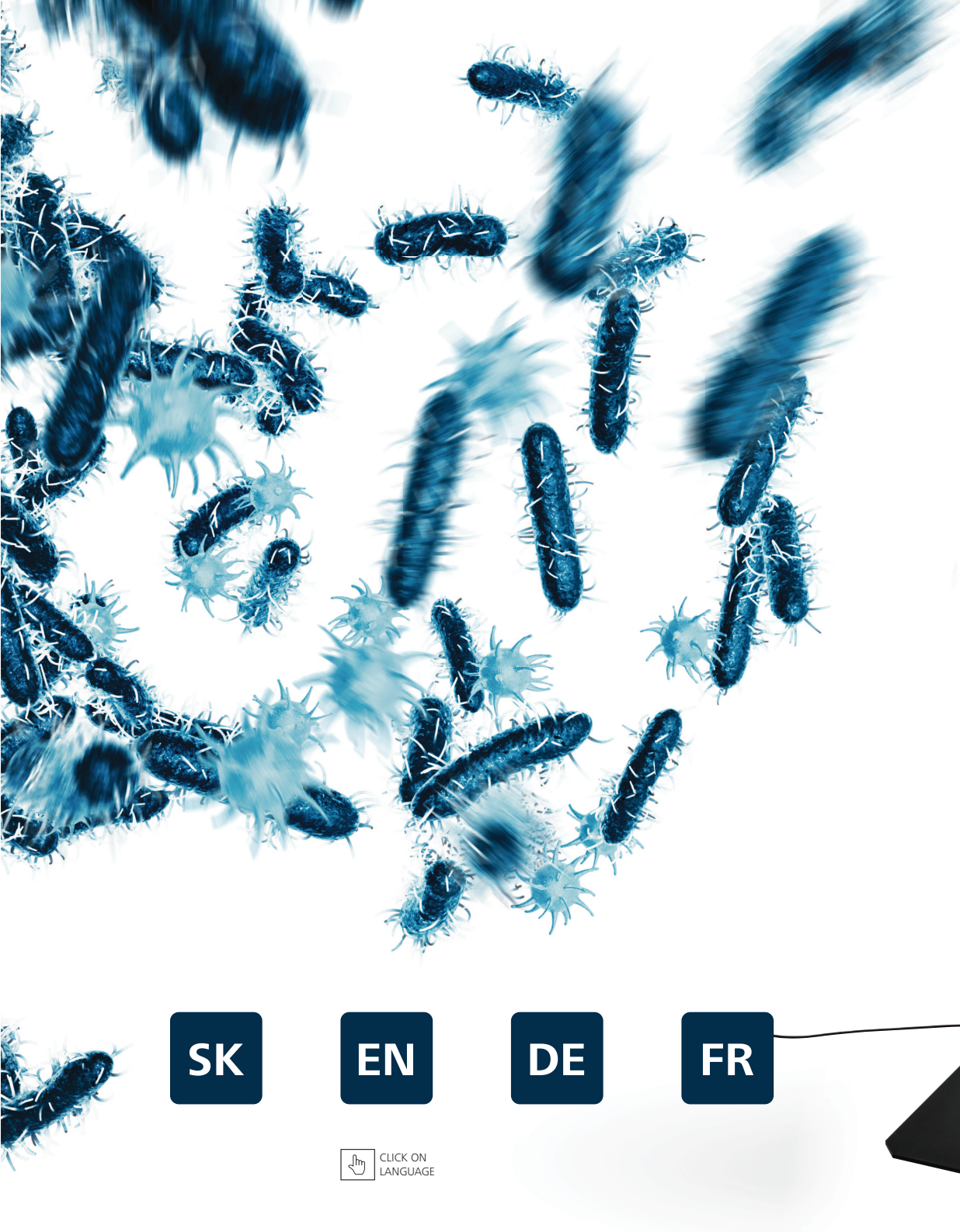
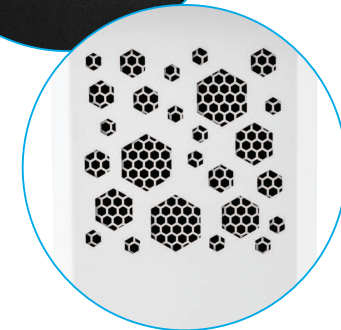
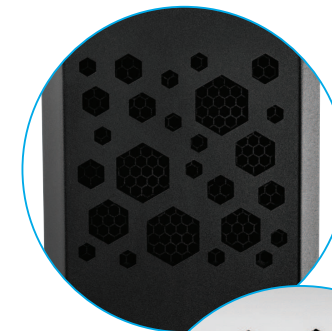




VIBA

UV-C

The VIBA product range brings you a comfortable and effective solution for air disinfection.



SK

EN

DE

FR



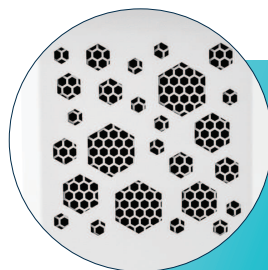
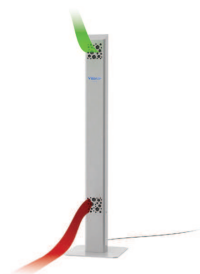
OMS®

VIBA Pole

VIBA
UV-C



The VIBA product range brings you a comfortable and effective solution for air disinfection.



Retail
Offices
Banking
Hospitality
Education
Health and care
House and flat
Petrol station

- Safe to use in the presence of people without adverse effects on their health
- Suitable for permanent use in closed rooms
- The UV-C lamps with wavelength 254 nm
- Eliminates more than 99%* of all viruses and bacteria in the ambient air (including coronaviruses / COVID-19)
- Highly efficient and environmentally friendly method of disinfection ambient air without the use of chemicals
- Whisper-quiet - at full load a volume of 26,5 max dB
- Cleans up to 73 m³ air per hour (35 m²)
- Choice of two performance levels (ECO / BOOST)
- Easy installation and operation
- Replaceable filter

* The results measured in a test implementation subject to the quality assurance program in accordance with EN ISO / IEC 17025: 2017 show the effectiveness of VIBA UV-C on a large number of bacteria, viruses and other microorganisms.



Type	air purifier UV-C
Energy consumption (W)	69
Filtration efficiency (m ³ /h)	73*
Noise level (dB)	< 26,5*
Light source	2x HNS L 36 W 2G11
Wavelength (nm)	254
Lamp lifetime (hours)	9000
Power source (V/Hz)	220-240 / 50-60
Material	sheet steel
Colour	black RAL 9005 (B05) white RAL 9003 (W03)
Dimensions (mm)	1592 x 400 x 400
Weight (kg)	14,5
Warranty (years)	2

OMS

OMS, a.s., Dojč 419, 906 02 Dojč, Slovakia
david.balaz@oms.sk, Tel.: +421 917 865 017

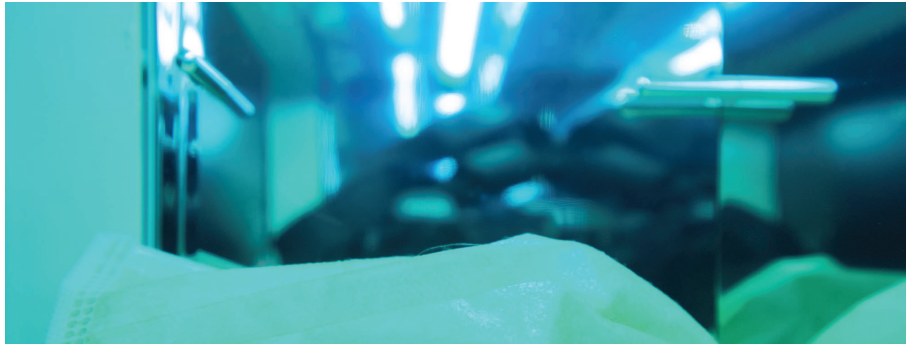
www.omslighting.com

THE MANUFACTURER CONTINUES TO DEVELOP PRODUCTS THROUGHOUT THEIR LIFETIME. THEREFORE, THE COMPANY RESERVES THE RIGHT TO MODIFY PRODUCT SPECIFICATION WITHOUT NOTICE.

* FAN TECHNICAL DATA.

GERMICIDAL

UV-C



Since the finding in 1878, artificially produced UV-C has become a staple method of sterilisation – one used in hospitals, airplanes, offices, and factories every day.

Crucially, it's also fundamental to the process of sanitising drinking water; some parasites are resistant to chemical disinfectants such as chlorine, so it provides a failsafe.

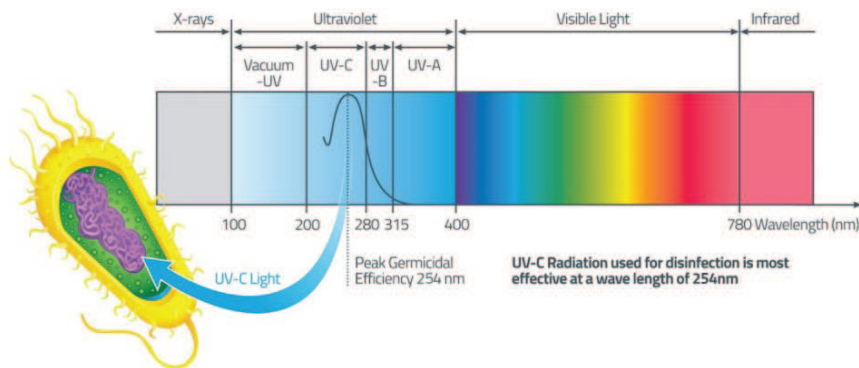
UV-C radiation deforms the structure of genetic material in microorganisms such as viruses, bacteria, fungi, yeast or protozoa and prevents their particles from making further copies.

VIBA UV-C uses light sources with UV-C radiation in an enclosed space and therefore is ideal for use indoors and in the presence of humans and other living organisms (animals, plants). At the same time, it does not produce harmful ozone particles during operation.

Contaminated air enters through the suction openings, passes through the sterilization section in close proximity to the tubes (thanks to which a very short exposure time is required) and subsequently the sterilized clean air exits through the exhausts. In this way the air circulation in the room is ensured.

The built-in replaceable filter provides additional air purification and at the same time prevents contamination of light sources.

VIBA UV-C is an ideal air disinfection solution for use in areas such as commercial spaces, offices, banks, restaurants, cafes, schools, kindergartens, libraries, medical facilities, spas, waiting rooms, beauty salons, hairdressers, hotels, households, museums, exhibitions premises, etc.



Microorganisms	Exposure (s)	Dose (μW)	Microorganisms	Exposure (s)	Dose (μW)	Microorganisms	Exposure (s)	Dose (μW)
BACTERIUM			SALMONELLA			RNA-VIRUSES		
BACILLUS (VEGETATIVE)			Salmonella typhimurium	89	8000	PICORNAVIRUS		
Bacillus anthracis	50	4500	Salmonella enteritidis	44	4000	Poliovirus	122	11,000
Bacillus Megatherium	14	1300	Salmonella typhi	23	2100	Poliovirus type 1 Mahoney	74	6700
Bacillus paratyphosus	36	3200	Serratia marcescens	36	3200	Poliovirus	148	13,300
Bacillus subtilis 58	64	5800	Shigella paradysenteriae	19	1700	Poliovirus type 1	40	3600
BACILLUS (SPORE)			STAPHYLOCOCCUS			Poliovirus Mahoney 45	50	4500
Bacillus megatherium	30	2700	Staphylococcus albus	20	1800	ECBO	89	8000
Bacillus subtilis	133	12,000	Staphylococcus aureus	29	2600	Coxsackiev	207	18,600
Bacillus anthracis	50	4500	Staphylococcus epidermis	122	11,000	REOVIRUS		
Bacillus subtilis (ATCC6633)	406	36,500	STREPTOCOCCUS			Reovirus type 1	53	4800
Bacillus subtilis	12	1100	Streptococcus haemolyticus	24	2200	Reovirus type 1 (Lang str)	181	16,300
Bacillus subtilis spore ATCC6633	169	15,200	Streptococcus lactis	69	6200	Rotav	177	15,900
Campylobacter jejuni	32	2900	Streptococcus viridans	22	2000	HIV (LENTIV)		
Clostridium tetani	144	13,000	Streptococ. faecalis ATCC29212	72	6500	HIV (HTLVIII)	667	60,000
Corynebacterium diphtheria	38	3400	Streptococcus faecalis	61	5500	HIV (Sup T1)	1611	145,000
Citrobacter freundii (ATCC8090)	47	4200	Streptococcus pyogenes	24	2200	HIV (H9)	2667	240,000
Enterobacter cloacae (ATCC13047)	71	6400	Streptococcus salivarius	22	2000	HIV (PHA-stim. PBL)	1444	130,000
ESCHERICHIA COLI			Streptococcus albus 18	20	1800	YEASTS		
Escherichia coli	33	3000	Vibrio	27	2400	Oospora lactis	56	5000
Escherichia coli (in air)	8	700	Yersinia enterocolitica	17	1500	Saccharomyces cerevisiae	73	6600
Escherichia coli (in water)	60	5400	DNA-VIRUSES			Saccharomyces ellipsoideus	67	6000
Escherichia coli ATCC 11229	28	2500	PARVOVIRUS			Saccharomyces sp.	89	8000
Escherichia coli K 12 AB 1157	64	5800	Bovine parvovirus	44	4000	FUNGI		
Escherichia coli B/r ATCC 12407	59	5300	Kilham rat virus	33	3000	Aspergillus glaucus	489	44,000
Klebsi. pneumon. ATCC4352		4200	HCC (Dog hepat. Adenov)	294	26,500	Aspergillus flavus	667	60,000
LEGIONELLA			HERPES VIRUS			Aspergillus niger	1467	132,000
Legionella dumoffi	27	2400	Pseudorabies virus	78	7000	Aspergillus niger (pasta)	1667	150,000
Legionella gormanii	29	2600	Herpes simplex MP str.	74	6700	Aspergillus amstelodami (meat)	778	70,000
Legionella micdadei	17	1500	Herpes simplex MP str.	17	1500	Candida parapsilosis	244	22,000
Legionella longbeachae 1	13	1200	Herpes simplex, type 1	183	16,500	Cladospor. herbarum (cold stores)	556	50,000
Legionella longbeachae 2	11	1000	Vaccinia	20	1800	Mucor racemosus	189	17,000
Legionella oakridgensis	24	2200	PARAMYXOVIRUS			Mucor mucedo (meat, bread, fat)	667	60,000
Legionella micdadei	20	1800	Sindbis virus	61	5500	Oospora lactis	56	5000
Legionella jordanis	12	1100	Newcastle Disease	17	1500	Penicillium chrysogenum (fruit)	556	50,000
Legionella wadsworthii	4	400	Orthomyxovirus	39	3500	Penicillium roquefortii	144	13,000
Legionella pneumophila	28	2500	Influenza	39	3500	Penicillium expansum	144	13,000
Legionella bozemanii	22	2000	PHAGES			Penicillium digitatum	489	44,000
LEPTOSPIRA			BACTERIOPHAGE			Rhizopus nigricans	1222	110,000
Leptospira biflexa	26	2300	Bacterioph. subt. phage SP02c12	167	15,000	Rhizopus nigricans (cheese)	1222	110,000
Leptospira illini	9	800	Bacterioph. subt. phage SPP1	217	19,500	Scopulariopsis brevicaulis (cheese)	889	80,000
Leptospira interrogans	31	2800	Bacterioph. subt. phage Ø 29	78	7000	Protozoa	889	80,000
MICROCOCOCCUS			Bacteriophage F specific	324	29,200	Algae	5000	450,000
Micrococcus candidus	68	6100	Coliphage f2	344	31,000	Green algae, blue algae, diatoms		
Micrococcus sphaeroides	111	10,000	Staphylococcus phage A994	72	6500			

Radiation doses required for 90% deactivation of microorganisms from a distance of 1 m from the UV-C source. Dose in μW/sek/cm².