MEDIXAIR

PROFESSIONAL SOLUTION FOR AIRBORNE INFECTION CONTROL

Medixair uses patented technology to remove viruses and pathogens from the air, resulting in elimination of 99.999% of bacteria and viruses.

Brandenburg
CREATING BETTER

- Effective against MRSA (Meticillin Resistant Staphylococcus Aureus), Clostridium Difficile and Norovirus
- Create instant isolation wards
- Unobtrusive and totally portable
- Clinically proven solution to airborne infection control

www.optihygiene.com

MEDIXAIR

APPLICATIONS

- Hospitals
- Nursing Homes
- Sporting Clubs
- Leisure Facilities
- Hotel "Pure Rooms"
- Emergency Clean Rooms

Hygiene is a critical issue in many environments. Our air sterilization range creates an instant isolation ward, clearing rooms of airborne pathogens in hours. Medixair is very effective in food preparation, laboratory or pharmaceutical applications.

Energy required to destroy bacteria and viruses is shown below. Medixair produces 23,000 µW.s.cm^{-2}, resulting in fast air sterilization.

Medixair is part of our range of air sterilization units, which use UVC light to clear rooms of all known major viruses and bacteria including MRSA. Medixair processes 25 cubic metres (882.5 cubic feet) of air per hour and can clear a 5m x 5m (16ft x 16ft) room in 2 to 3 hours. Medixair uses fully patented technology and is being used successfully within medical, workplace and education facilities.

Features and Benefits

Continuous air sterilization effective against bacteria and viruses in food preparation and medical environments.

- Protection from viruses including Hepatitis A and bacteria groups including Bacillus, Clostridium, E.coli, Legionella, Salmonella and Staphylococcus.
- Ideal for all critical care environments; isolation wards, neo-natal units, ICUs, burns units
- Controlled exposure kills micro-organisms with no use of harmful chemicals or germicides
- Whisper-silent operation essential for quiet rooms and patient rest and recovery areas

Energy required to destroy bacteria and viruses

Bacteria	µW.s.cm^{-2}
Agrobacterium tumefaciens	4,200
Bacillus anthracis	4,500
Bacillus aegaterium (spore)	9,070
Bacillus aegaterium	3,750
Bacillus subtilis (spore)	12,000
Bacillus subtilis	7,100
Bacillus paratyphosus	3,200
Bacillus enteritidis	4,000
Coryneb acterium diphteriae	3,750
Clostridium tetani	4,900
Clostridium botulinium	12,000
Dysentery bacilli	2,200
Eberthella typhosa	2,140
E.Coli	5,400
Leptospira spp (Infectious Jaundice)	3,000
Legionella pneumophila	2,040
Legionella bozemanii	1,800
Legionella dumoffii	3,000
Legionella gormanii	2,500
Legionella micdadei	1,500
Legionella longbeachae	1,500
Listeria monocytogenes	3,400
Micrococcus candidus	6,050
Micrococcus sphaeroides	10,000
Mycobacterrium tuberculosis	6,200
Neisseria catarrhalis	4,400
Phytomonas tumefaciens	4,400
Proteus vulgaris	3,000
Pseudomonas aeruginosa	5,500
Pseudomonas fluorescens	3,500
Salmonella enteritidis	7,600
Salmonella paratyphi	6,100
Salmonella typhimurium	8,000
Samonella typhosa	6,000
Sarcina lutea	19,700
Serratia marcesens	2,420
Shighella dysenteriae	4,200
Shigella paradysenterea	1,680
Shigella flexneri	1,700
Shigella sonnei	2,100
Spirillium rubsum	4,400
Staphylococcus albus	1,840
Staphylococcus aureus	2,600
Streptococcus haemolyticus(A)	6,700
Streptococcus haemolyticus(D)	9,500
Streptococcus lactis	6,150
Streptococcus viridans	2,000
Streptococcus pyrogenes	2,160

Virus	µW.s.cm^{-2}
Adenovirus	1,500
Bacteriophage (E.Coli virus)	3,000
Coxsackie virus A9	12,000
Coxsackie virus B1	15,500
Echovirus 1	11,000
Echovirus 2	12,000
Hepatitis A	11,000
Infectious hepatitis virus	8,000
Influenza	3,400
Poliovirus 1	11,000
Poliovirus 2	12,000
Poliovirus 3	10,000
Reovirus 1	15,400
Rotavirus SA11	7,800

Order Code	Description	Dimensions Inches (H x W x D)	Weight	Lamps
MPW02-05-XX	Medixair - wall mounted	27.6 x 7.9 x 7.9"	11.0 lbs	4 x 25 W
MPS02-05-XX	Medixair - with wheeled stand	27.6 x 7.9 x 7.9"	18.7 lbs	4 x 25 W

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