

Modular Decontamination Unit - 84



Advanced Oxidation Plasma

Powered by



The Ultrapure Modular air decontamination unit, featuring the Advanced Oxidation Plasma system, utilizes an antimicrobial catalyst reflector that releases plasma of friendly oxidizers when a proprietary nanoX chamber is exposed to moisture in the air. Our in-house-designed and developed wall-mounted air purifiers, enhanced by nanoX & and plasmOX & technologies, generate both positively and negatively charged ions that actively neutralize aerosolized microbes, hospital odors, restroom and food odors, and volatile organic compounds (VOCs) from cleaning chemicals.

This cutting-edge air purification technology is proven to deactivate both surface and airborne pathogens, including SARS-CoV-2, H1N1 influenza viruses, and black mold. All systems have been rigorously tested in BSL-3 Virology Labs.



Kills bacteria
& molds
> 99 %



Decomposes
VOC's & Odors



Reduces
Formaldehyde



Easy to
retrofit with
existing system



Low Power
Consumption



Long Life



Safe for
humans



Ozone Free
System

CERTIFICATION AND COMPLIANCE BY



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EXPERT**



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info@ultrapureindia.in



Website
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Toll Free Number
1800-1100-50



TECHNICAL SPECIFICATIONS

Product Name : Modular Decontamination Unit - 84

Model Name	MDU-AOP-84
Coverage Area (sq. ft.)	Up to 300 sq.ft
Type	Wall Mounted Air Purifier
plasmOX (ions/cc)	19 x 10 ⁶
Wattage/ Power (W)	160 W
Electrical Parameters	230V AC, 0.7A, 50/60Hz
Max. Operating Temperature	210°F (99°C)
Housing Material	Aluminium
nanoX chamber detail	Volume: 7190 cm ³
nanoX chamber life (hours)	16000
Unit Dimensions in mm (LxWxH)	700 x 430 x 250
Deactivates or kills	Bacteria, Viruses (tested on SARS-CoV-2 & H1N1 influenza A viruses), Yeast & Molds
Weight	10.2 kg
Effectively Reduces	Odors, VOCs, Formaldehyde, Ammonia, Ozone, and Pathogens, etc.
Tested & Proven	Antimicrobial, Odor control, Safe air decontamination solution for occupied spaces (Studied Cell toxicity/ antiviral efficacy)
Certifications	CE, ISO, RoHS, CSIR-CCMB, CSIR-CMERI, FICCI, IIT GUWAHATI, etc.

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