



Modular Decontamination Unit - 42

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.

Advanced Oxidation Plasma
Powered by



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
www.ultrapureindia.in



Toll Free Number
1800-1100-50



TECHNICAL SPECIFICATIONS

Product Name : Modular Decontamination Unit - 42

Model Name	MDU-AOP-42
Type	Wall-Mounted Air Purifier
Coverage Area (sq. ft.)	120
Electrical Parameters	230 V AC, 0.2 A, 50/60 Hz
Power / Wattage (W)	62
Max. Operating Temperature	210°F(99°C)
nanoX°Chamber Details	Volume: 3596 cm ³
nanoX°Chamber Life (hrs)	16000
plasmaOX ions rate (ions/cc)	10 X 10 ⁶
Housing Material	Aluminium
Unit Dimensions in mm (LxWxH)	700 x 300 x 205
Weight (Kg)	7.3 Kg
Deactivates / Kills	Bacteria, Viruses (tested on SARS-CoV-2 & H1N1 influenza A viruses), Yeast & Molds
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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