

AC1500: High efficiency Hepa filter and UVC air purifier









A versatile air cleaner that can create cleanroom grade supply air. H14 Hepa filter and UVC air cleaners provide a cleanroom environment with air filtration to 99.999% @ 0.1 microns and UVC for complete decontamination.

The supply air is tested to class 5 cleanroom standards and is suitable for complete infection control, patient isolation rooms or other cleanroom applications. They can also have optional attachments to provide positive or negative pressure rooms.



- Excellent particle removal efficiency
- UVC for pathogen decontamination
- Low Energy Consumption & Low Noise
- Long Filter Life
- D.O.P Certificated
- User Friendly Control Panel
- Practical Filter Replacement
- Easy Maintenance

Technical Information

	<ul style="list-style-type: none"> • Easy and straightforward filter changing 		<ul style="list-style-type: none"> • Real time monitoring of all function parameters by advanced microprocessor control system
	<ul style="list-style-type: none"> • Maximum particle removal efficiency by high supply - low return air dynamic design • Excellent homogeneous air flow pattern by special design diffuser 		<ul style="list-style-type: none"> • Fresh and recirculated air flow rate adjustment simply by using air rate control mechanism
			<ul style="list-style-type: none"> • Automatically adjusted fan speed for constant air flow rate

MODEL		AC-1500
Dimensions (WxLxH) mm		705x435x1900
Pack/Palette Dimensions (WxLxH) mm		905x455x2100
Filter Types (EN 1822)	Main Filter Surface area (m ²)	Hepa, H14 %99.995, 0,3 µm 30.0 m ²
	Pre-filter 1	F5
	Pre-filter 2 Surface area (m ²)	V Type High Capacity EU7 8,5 m ²
Supply Air Class (FED209E/ISO standarts)		Class 100/ISO5
Supply Air Velocity Range		0.3-1.5 m/sn
Air Flow Rate		400-1000 m ³ /h
Air Flow Pattern		Turbulance
Air Mixing Factor M (ASHRAE standart)		1:1
253 nm UV Lamp - Dosage		2x18 Watt - 19150 µW/cm ²
Noise Level (100 cm distance)	Normal Mode	≤ 50 dB(A)
	Eco Mode	≤ 42 dB(A)
Working voltage and frequency		220 V, 50 Hz
Blower Power (kW)		0,35 kW
Weight (kg)		≤ 80 kg
Main Body Construction Material		Antibacterial Epoxy Powder paint Coated Free Steel
Internal Constuction Material		Antibacterial Epoxy Powder paint Coated Free Aluminum
Microprocessor Control System		Programming on/off timer setting (days/weeks), Inflow and Air Velocity/Flow Rate adjustment, Automated air flow rate and velocity compensation system, HEPA Filter Life (percent), Blower and UV lamp working Times, Audible and Visual Alarms for Air Flow/Rate, System ready information, Filter/Lamps replacement warning, Service need alarm, Filter time zero setting. Language selection (Turkish, English, German and Arabic)
Remote Controller		On/Off button and timer setting, Air flow rate selection and setting