

PRODUCT BULLETIN

PURASHIELD 500

Key Features:

- Don't just capture microbials, destroy them on contact
- Quickly and effectively removes harmful viruses, bacteria, and mold from the air
- Uses a disposable 4-layer filter
- Equipped with an antimicrobial filter layer using PuraWard® technology that eliminates viruses and bacteria
- Includes 11 lbs of Purafil's patented antimicrobial dry chemical media blend that eliminates viruses and bacteria
- H13 grade HEPA filtration for harmful particulate matter: 99.99% of PM_{2.5}, and 99.97% of PM_{0.3}
- Also removes toxic and damaging gaseous pollutants
- Compact and mobile design

Ideal For Use In:

- Educational Institutions
- Hospitals
- Medical Facilities
- Office Buildings
- Laboratories

Engineering Specifications

Airflow	353 CFM / 600 CMH
Noise Level	<60 dBA
Voltage	120 US / 220V EU
Weight	~44 lbs / 20 kg
Dimensions (L x W x H)	12.6" x 12.6" x 25" / 320 x 320 x 640mm
Material	Powder Coated Steel
Energy Use	60W

Destroys up to 99.98% of Target Viruses & Bacteria



PURAWARD FIBER HAS BEEN TESTED TO REMOVE THE FOLLOWING MICROBIALS:

Virus	Reduction Rate
H1N1	99.91%
H7N9	99.98%
SARS	99.58%

Bacteria	Reduction Rate
S. aureus	99.95%
E. Coli	99.96%
C. albicans	98.90%

PURAFIL ANTIMICROBIAL MEDIA HAS BEEN TESTED TO REMOVE THE FOLLOWING MICROBIALS:

Virus	Killing Rate
H1N1	99.49%
Bacteria	Killing Rate
Staphylococcus Albus	93.78%

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Standard Features:

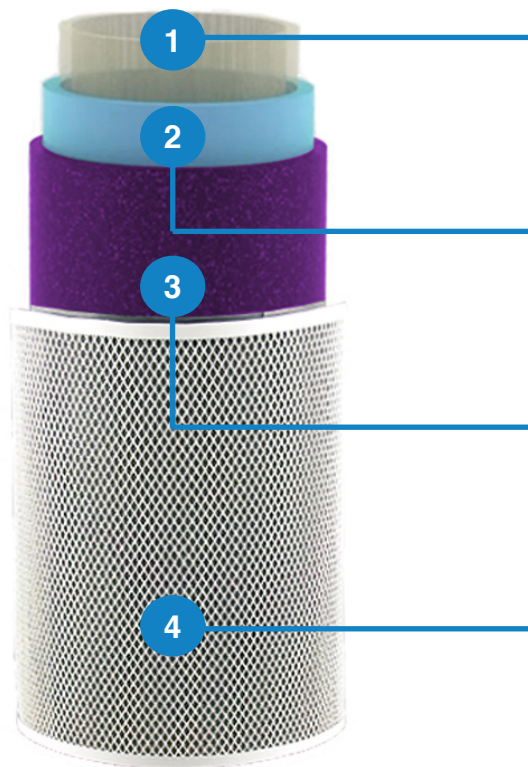
- 350+ CFM / 600 CMH (Protects areas from 212 to 265 square feet)
- Holds 11 lbs of antimicrobial filtration media
- Compact design with casters for portability
- High efficiency with less power consumption
- Low pressure drop and quiet operation
- Voltage: 110V US / 220V EU
- 360-degree air circulation and purification
- 10ft power cord (3 meters)
- Blower Certifications: CE, ETL, CCC, and TUV Rheinland

Antimicrobial Fibers:

The PuraWard Fiber is a high efficiency fiber embedded with copper and silver ions that jointly attack bacteria and viruses. PuraWard fiber has been successfully applied to air filters, textiles, and respiratory masks approved by the FDA for their antibacterial and antiviral properties in surgical environments. (PuraWard is not available in the EU)

Antimicrobial Chemical Filtration:

Developed and manufactured in the USA, our patented dry chemical filtration media destroys target viruses and bacteria on contact through oxidation.



HEPA Final Filter

Captures PM_{0.3}, PM_{2.5} and other particulates, allergens, bacteria and viruses.

Antimicrobial Fiber

Patented PuraWard fiber with antimicrobial properties (using copper and silver ions) that eliminates target viruses, bacteria, and mold, providing added protection

Chemical Filtration

Patented antimicrobial media eliminates target viruses and bacteria (using oxidation), while removing toxic and harmful gases from the air.

Pre-filter

Traps dust, pollen and other large particulate matter.

Product Code	Description	UPC	Each/Box	Each / Case	Each / Pallet	Each / 20' Container
PURASHIELD-CPUM-500-1	PURASHIELD CPUM-500, 353 CFM, US	850011212745	1	4	35	140
PURASHIELD-CPUM-500-2	PURASHIELD CPUM-500, 353 CFM, EU	850011212899	1	4	35	140
PURASHIELD-CPUM-500-3	PURASHIELD CPUM-500, 353 CFM, APAC	850011212912	1	4	35	140

- All units come with initial filter cartridge loading.
- A 1-month filter cartridge replacement frequency is recommended to ensure optimal antimicrobial performance.