

PRODUCT BULLETIN

PURASHIELD™ 500

Key Features:

- Quickly and effectively removes many aerosols carrying harmful viruses, bacteria, mold, and smoke from the air
- Uses a disposable 4-layer filter
- Equipped with a filter layer protected by PuraWard® technology using copper & silver†
- Includes 22 lbs of Purafil's patented§ molecular filtration media
- HEPA filtration for harmful particulate matter
- Also removes toxic and damaging gaseous pollutants
- Compact and mobile design

Ideal For Use In: Educational Institutions, Hospitals, Medical Facilities, Dental Offices, Dental Labs, Senior Living Facilities, Office Buildings, Laboratories, and Restaurants

Removes 99.99% of Aerosols Carrying Viruses*



Engineering Specifications

Fan Speed	400 CFM / 680 CMH
Voltage	120 US / 220V EU
Weight	~53 lbs
Dimensions (L x W x H)	14.5" x 14.5" x 23"
Material	Powder Coated Steel
Max Energy Use	147W

Setting	Airflow With Filter	Noise Level
High	250 CFM / 425 CMH	55 dBA
Medium	125 CFM / 212 CMH	48 dBA
Low	47 CFM / 80 CMH	41 dBA

PURAWARD FILTER IS PROTECTED FROM VIRUSES AND BACTERIA:

Virus	Reduction Rate	Time
H1N1	99.91%	5 Min.
H7N9	99.98%	5 Min.

Bacteria	Reduction Rate	Time
S. Aureus	99.95%	1 Hr
E. coli	99.96%	1 Hr

PURASHIELD MEDIA REMOVES 99.46% OF SOLUTIONS CONTAINING SARS-CoV-2, THE VIRUS THAT CAUSES COVID-19‡

Virus	Reduction Rate	Time
SARS-CoV-2	99.46%	2 Hr

ALL PICTURES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT

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Standard Features:

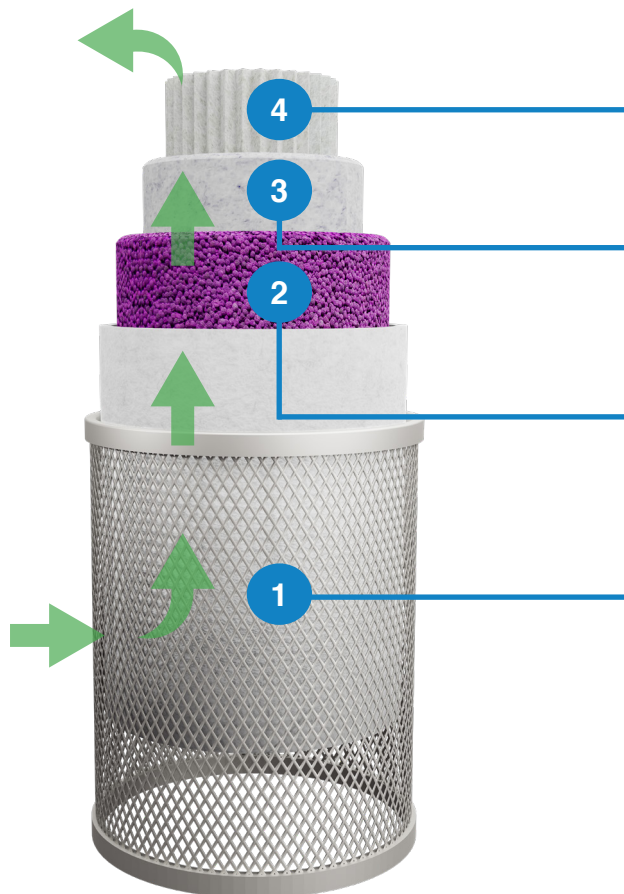
- 250 CFM / 425 CMH
- Holds 22 lbs of molecular filtration media
- Compact design with casters for portability
- High efficiency with less power consumption
- Low pressure drop and quiet operation
- Voltage: 110V US / 220V EU
- 360-degree air circulation and purification
- 4.5 ft power cord
- Blower Certifications: UL, CSA & CE approved

PuraWard Filters†:

A high efficiency filter protected by an embedded micro-technology containing an EPA registered antimicrobial additive using copper and silver ions to combat many bacteria and viruses.

Molecular Filtration:

Developed and manufactured in the USA, our patented molecular filtration media removes molecular contaminants from the air, safely oxidizing the molecules, while removing toxic and harmful gases.



HEPA Final Filter

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

PuraWard Filter

The PuraWard filter is protected from many viruses, bacteria, and mold using copper and silver†.

Molecular Filtration

Patented§ molecular filtration media removes aerosols carrying viruses from the air, safely oxidizing the molecules, while removing toxic and harmful gases.

Pre-filter

Traps dust, pollen and other large particulate matter.

Product Code	Description	UPC	Each/Box
PURASHIELD-CPUM-500-4	PURASHIELD CPUM-500, USA	850011212745	1
CPUM-500-CART	Replacement filter assembly for CPUM-500	850011212998	1

*Laboratory testing demonstrated 99.99% reduction of aerosols carrying MS2. † MRIGlobal Project No. 311686.01.001

Copies of the full test reports are available upon request. † Filter protected by an EPA-registered antimicrobial additive. §Patent number US 9,370,763 B2