

PRODUCT BULLETIN

PURASHIELD 2000

Key Features:

- Don't just capture microbials, destroy them on contact
- Multi-stage solution that quickly and effectively removes harmful viruses, bacteria, and mold from the air
- Equipped with an antimicrobial HEPA particulate filter using PuraWard® technology
- Disposable PK Modules containing 112 lbs of Purafil's patented antimicrobial dry chemical media blend
- Filtration for harmful PM_{0.3}, PM_{2.5} particulate matter
- Also removes toxic and damaging gaseous pollutants

Ideal For Use In:

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

Engineering Specifications

Airflow	2000 CFM
Noise Level	66 dBA
Voltage	115V
Weight	~800 lbs
Dimensions (L x W x H)	59" x 47" x 59"
Material	Steel

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%

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

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Standard Features:

- 2,000 CFM (Protects 1,200 to 1,500 square feet)
- Holds 112 lbs of antimicrobial filtration media blend
- Compact design using casters w/ brakes for mobility
- 2" polyurethane foam insulated double walls
- Exterior steel with AluZinc coating
- High efficiency with less power consumption
- Low pressure drop and low noise level
- 7 blade, reinforced fiberglass blower
- VFD controlled, direct drive, 2 HP motor
- 1" external static pressure
- UL listed
- Voltage: 115V

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	Each / Box	MOQ
CPUM-2000-1	PURASHIELD CPUM-2000, 2000 CFM, USA	1	1
CPUM-2000-2	PURASHIELD CPUM-2000, 2000 CFM, EU	1	1
CPUM-2000-3	PURASHIELD CPUM-2000, 2000 CFM, APAC	1	1

- All units come with initial filters and media loading.
- A 3-month replacement frequency is recommended to ensure optimal performance with the pre-filter and HEPA filter.
- A 6-month replacement frequency is recommended to ensure optimal antimicrobial performance with the chemical filtration modules.