

## PRODUCT BULLETIN

# PURASHIELD 1000

### 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 50 lbs of Purafil's patented antimicrobial dry chemical media blend
- Filtration for harmful PM<sub>0.3</sub>, PM<sub>2.5</sub> particulate matter
- Also removes toxic and damaging gaseous pollutants

### Ideal For Use In:

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

### Engineering Specifications

Airflow	1,000 CFM / 1,700 CMH
Noise Level	<60 dBA
Voltage	110V US / 220V EU
Weight	~220 lbs
Dimensions (L x W x H)	22" x 30" x 58"
Material	Aluminum

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

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

**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%

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

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## PURASHIELD 1000

### Standard Features:

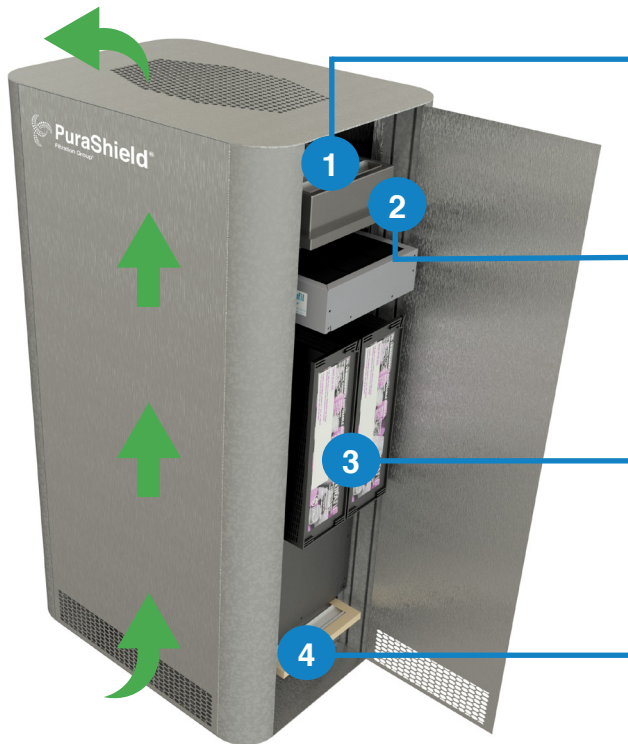
- 1,000 CFM (Protects 600 to 750 square feet)
- Holds 50 lbs of antimicrobial filtration media blend
- Compact design with casters for mobility
- Brushed aluminum exterior
- High efficiency with less power consumption
- Low pressure drop and low noise level
- Fans are Class F, thermally protected, IP44 protection
- EC fan is CE and CCC certified and is controlled by a potentiometer
- Voltage: 110V US / 220V EU

### 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	Each / 20' Container	MOQ
CPUM-1000-1	PURASHIELD CPUM-1000, 1000 CFM, USA	1	18	1
CPUM-1000-2	PURASHIELD CPUM-1000, 1000 CFM, EU	1	18	1
CPUM-1000-3	PURASHIELD CPUM-1000, 1000 CFM, APAC	1	18	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.