

## 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
- Senior Living Facilities
- Office Buildings
- Laboratories

### Engineering Specifications

|                        |                     |
|------------------------|---------------------|
| Airflow                | 600 CFM / 1,000 CMH |
| Noise Level            | <70 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 / Fungus | Reduction Rate |
|-------------------|----------------|
| S. aureus         | 99.95%         |
| E. Coli           | 99.96%         |
| C. albicans       | 98.90%         |

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### Standard Features:

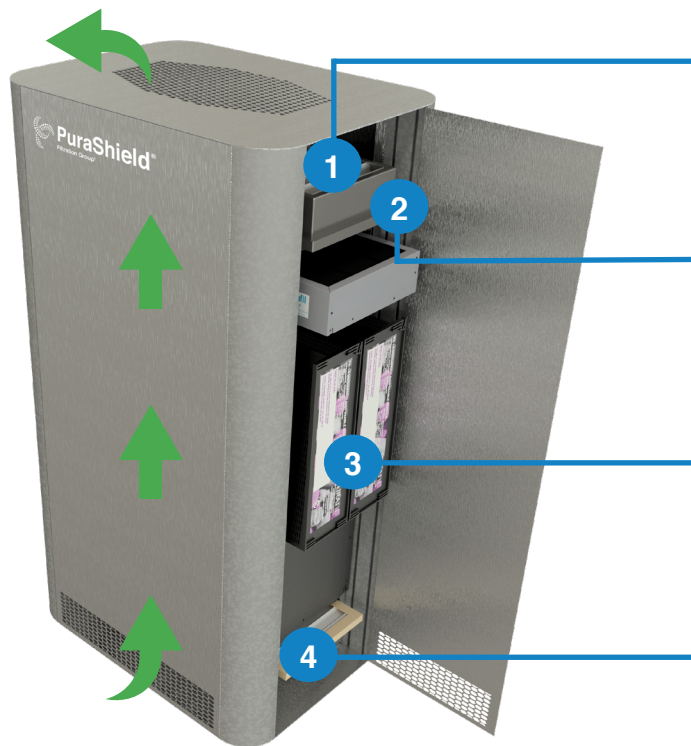
- 600 CFM / 1,000 CMH
- Holds 50 lbs of antimicrobial filtration media blend
- Compact design with casters for mobility
- Brushed aluminum exterior
- High efficiency with less power consumption
- Low pressure drop and low noise level
- Fans are Class F, thermally protected, IP44 protection
- EC fan is 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<sub>0.3</sub>, PM<sub>2.5</sub> 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, 600 CFM, USA  | 1          | 18                   | 1   |
| CPUM-1000-2  | PURASHIELD CPUM-1000, 600 CFM, EU   | 1          | 18                   | 1   |
| CPUM-1000-3  | PURASHIELD CPUM-1000, 600 CFM, APAC | 1          | 18                   | 1   |

• All units come with initial filters and media loading.