

PRODUCT BULLETIN

PURASHIELD™ SMART 1000

Key Features:

- Quickly and effectively removes many aerosols carrying harmful viruses, bacteria, mold, and smoke from the air
- Equipped with a filter layer protected by PuraWard® technology using copper & silver†
- Disposable PK Modules containing 200 lbs of Purafil's patented[®] molecular filtration media
- HEPA filtration for harmful particulate matter
- LED display with touch controls and replacement alerts
- Built-in sensors provide real-time air quality data
- Also removes toxic and damaging gaseous pollutants
- Compact design with casters for mobility
- Works with standard wall outlets

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

Specification	Smart 1000
Voltage	110V US / 220V EU
Power	670W ± 5W
Weight	~520 lbs Loaded
Dimensions	27" x 26.4" x 70"
Material	Steel
Media Loading	200 lbs
High Speed Airflow	1,100 CFM / 1,868 m ³ /h
Medium Speed Airflow	600 CFM / 1020 m ³ /h
Low Speed Airflow	450 CFM / 765 m ³ /h
Noise (High/Med/Low)	60 / 55 / 51 dBA
Pollen CADR	1027
Smoke CADR	815
Dust CADR	840

Removes 99.99% of Aerosols Carrying Viruses*



LCD DISPLAY



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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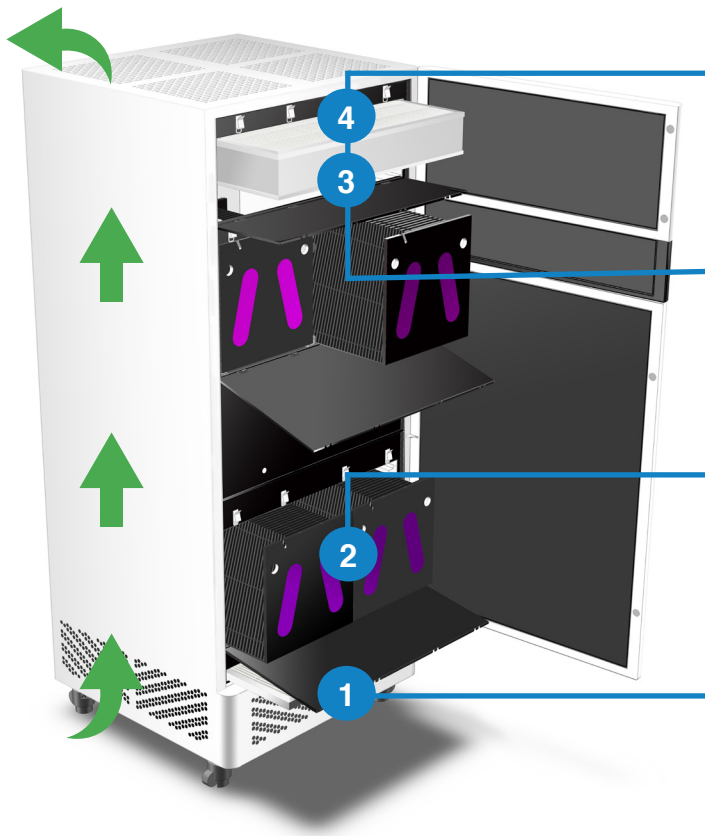
PURASHIELD SMART 1000

PuraWard Filters†:

A high efficiency filter protected by an embedded micro-technology containing an EPA registered antimicrobial additive using copper and silver 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. Unit includes four total pre-filters for 12 months of operation.

Product Code	Description	Each/Box
SMART-1000-1	PURASHIELD SMART 1000 - 1,100 CFM, USA	1
SMART-1000-KIT-VIRUS	ANNUAL SMART 1000 FILTER REPLACEMENT KIT (1 PER UNIT)	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