

## PRODUCT BULLETIN

# PURASHIELD™ SMART

### 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 ions†
- Disposable PK Modules containing up to 200 lbs of Purafil's patented<sup>®</sup> 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, Nursing Homes, Office Buildings, Laboratories, and Dental Offices.

Specification	Smart 500	Smart 1000
<b>Voltage</b>	110V US / 220V EU	110V US / 220V EU
<b>Power</b>	262W ± 5W	670W ± 5W
<b>Weight</b>	~204 lbs Loaded	~520 lbs Loaded
<b>Dimensions</b>	16.5" x 26.4" x 44"	27" x 26.4" x 70"
<b>Material</b>	Steel	Steel
<b>Media Loading</b>	50 lbs	200 lbs
<b>High Fan Speed</b>	400 CFM / 680 m³/h	900 CFM / 1530 m³/h
<b>Medium Fan Speed</b>	300 CFM / 510 m³/h	600 CFM / 1020 m³/h
<b>Low Fan Speed</b>	200 CFM / 340 m³/h	450 CFM / 765 m³/h
<b>Noise (High/Med/Low)</b>	65 / 55 / 48 dBA	61 / 56 / 52 dBA

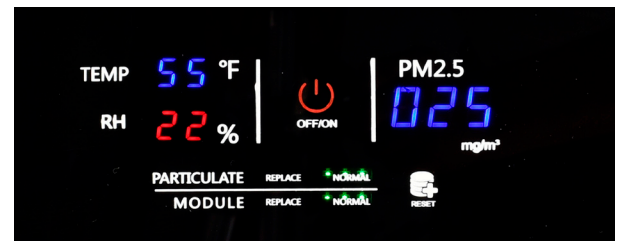
**Removes 99.99% of Aerosols Carrying Viruses\***



Smart 500

Smart 1000

### 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

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

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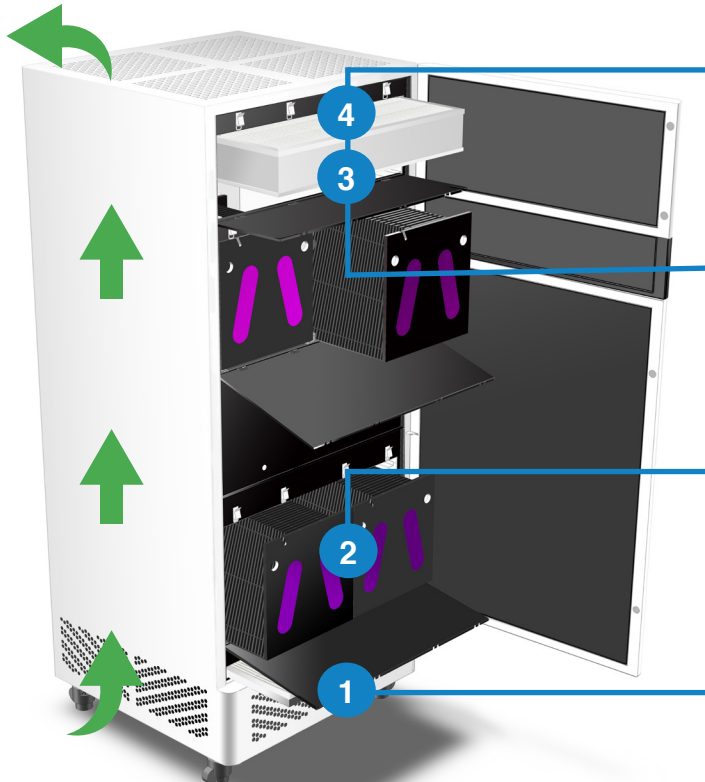
# PURASHIELD 1000 SMART

### 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<sub>0.3</sub>, PM<sub>2.5</sub> and other particulates, allergens, bacteria and viruses.

### PuraWard Filter

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

### 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	Each/Box
<b>SMART-1000-1</b>	<b>PURASHIELD SMART 1000, 900 CFM, USA</b>	<b>1</b>
05-01941-1180	PRE FILTER REPLACEMENT FOR SMART 1000 (1 PER UNIT)	1
PK12-PSP	MOLECULAR MEDIA REPLACEMENT FOR PURASHIELD (4 PER UNIT)	1
05-35AC4-218P	4" HEPA WITH PURAWARD FINAL FILTER FOR PURASHIELD SMART 1000 (1 PER UNIT)	1
<b>SMART-500-1</b>	<b>PURASHIELD 500 Smart, 400 CFM, USA</b>	<b>1</b>
05-01941-1780	PRE FILTER REPLACEMENT FOR SMART 500 (1 PER UNIT)	1
PK12-PSP	MOLECULAR MEDIA REPLACEMENT FOR PURASHIELD (1 PER UNIT)	1
05-35AC4-278P	4" HEPA WITH PURAWARD FINAL FILTER FOR PURASHIELD SMART 500 (1 PER UNIT)	1

\*Laboratory testing demonstrated 99.99% reduction of aerosols carrying MS2. 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