

227 N. Fourth Street
Geneva, Illinois 60134
630/463-3000
630/463-3020
Fax: 630/463-3029



Scott K. Ney
Director, Facility Operations

**Community Unit
School District 304**

TO: Dr. Kent Mutchler

FROM: Scott Ney

RE: 2021-22 District-Wide Air Filtration Units – Sourcewell Contract #101320 Purchase

DATE: February 4, 2022

Requesting approval from Geneva CUSD #304 Board of Education to proceed with the purchase of 24 Purashield Smart 1000s and 5 Purashield 500s through the Sourcewell Purchasing Cooperative (formerly the National Joint Powers Alliance (NJPA)).

This purchase would be for air filtration units throughout the district to enhance the indoor air quality as per current CDC and ASHRAE recommendations.

The attached quote from MSC Industrial Direct sales office utilizing the Geneva CUSD #304 Sourcewell Purchasing Cooperative membership for the total cost of \$74,963.70 for 29 Purashield units. This expenditure will be covered through the ESSER III Grant.



Sourcewell Pricing Schedule
Contract number 101320 - Janitorial Supplies and Equipment
4year term, November 18, 2020 to November 16, 2024

Quote # 25525403

Customer Reference #

Quoted by: X42 ELIZABETH FLORES*#9249LOS
Phone: 800-304-8799

Expiration Date: 02/28/2022
Number of lines: 2
Quote total: \$74,963.70

Customer Info

Contact: SCOTT NEY
Phone: 630-463-3025

Bill To:
GENEVA CUSD 304
227 N 4TH ST
GENEVA, IL 60134

Ship To: 05965560
GENEVA CUSD 304
227 N 4TH ST
GENEVA, IL 60134

Line	Item#	Big Book@ Page #	Qty.	Unit Price	Ext.Price
1	11561644	none	24	\$2,999.00	\$71,976.00
	Description: PURASHIELD SMART 1000 SMART-1000-1V				
2	11561719	none	5	\$597.54	\$2,987.70
	Description: PURASHIELD 500 CPUM-500-4				
					Total Quote Value: \$74,963.70

*Plus Freight

Thank you for allowing us the opportunity to quote your requirements

Visit Sourcewell website: <https://www.sourcewell-mn.gov/cooperative-purchasing/101320-msi>

PRODUCT BULLETIN

PURASHIELD 1000

Key Features:

- Quickly and effectively removes many aerosols carrying harmful **viruses, bacteria, mold, and smoke** from the air
- Protects spaces up to **2,400 ft²** with airflow up to **655 CFM**
- Disposable filtration modules containing **50 lbs** of Purafil's **patented⁵ filtration media**
- **HEPA filtration** for harmful **sub-micron** particulate matter
- Equipped with a filter layer **protected by PuraWard® technology using copper & silver[†]**
- Also removes **toxic and damaging gaseous chemicals, VOCs and odors.**
- Quiet, unobtrusive, and portable design with casters
- Easy to use, low maintenance, works with standard outlets
- Durable brushed aluminum exterior
- Precise potentiometer control for CE and CCC certified fan
- Made in the **USA**

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

Engineering Specifications

Airflow	655 CFM / 1,112 CMH
Noise Level	63 dB(A) at max speed
Voltage	110V US
Weight	~220 lbs
Dimensions (L x W x H)	22" x 30" x 58"
Material	Aluminum

Removes 99.99% of Aerosols Carrying Viruses*



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

PRODUCT BULLETIN

PURASHIELD 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.

HOW IT WORKS:



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.

Product Code	Description	Each / Box
CPUM-1000-1	PURASHIELD CPUM-1000, 600 CFM, USA	1
CPUM-1000-Kit-Virus	ANNUAL PURASHIELD 1000 FILTER REPLACEMENT KIT (1 PER UNIT)	1

*Laboratory testing demonstrated 99.99% reduction of aerosols carrying MS2. † MRIGlobal Project No. 311686.01.001 ‡ With 2 ACH and 8ft ceilings
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

PRODUCT BULLETIN

PURASHIELD™ 500

Key Features:

- Quickly and effectively removes many aerosols carrying harmful viruses, bacteria, mold, and smoke from the air
- Uses a disposable 4-layer filter
- Equipped with a filter layer protected by PuraWard® technology using copper & silver†
- Includes 22 lbs of Purafil's patented⁹ molecular filtration media
- HEPA filtration for harmful particulate matter
- Also removes toxic and damaging gaseous pollutants
- Compact and mobile design

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

Removes 99.99% of Aerosols Carrying Viruses*



Engineering Specifications	
Fan Speed	400 CFM / 680 CMH
Voltage	120 US / 220V EU
Weight	~53 lbs
Dimensions (L x W x H)	14.5" x 14.5" x 23"
Material	Powder Coated Steel
Max Energy Use	147W

Setting	Airflow With Filter	Noise Level
High	250 CFM / 425 CMH	55 dBA
Medium	125 CFM / 212 CMH	48 dBA
Low	47 CFM / 80 CMH	41 dBA

PURAWARD FILTER IS PROTECTED FROM VIRUSES AND BACTERIA:

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H7N9	99.98%	5 Min.

Bacteria	Reduction Rate	Time
S. Aureus	99.95%	1 Hr
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PRODUCT BULLETIN

PURASHIELD 500

Standard Features:

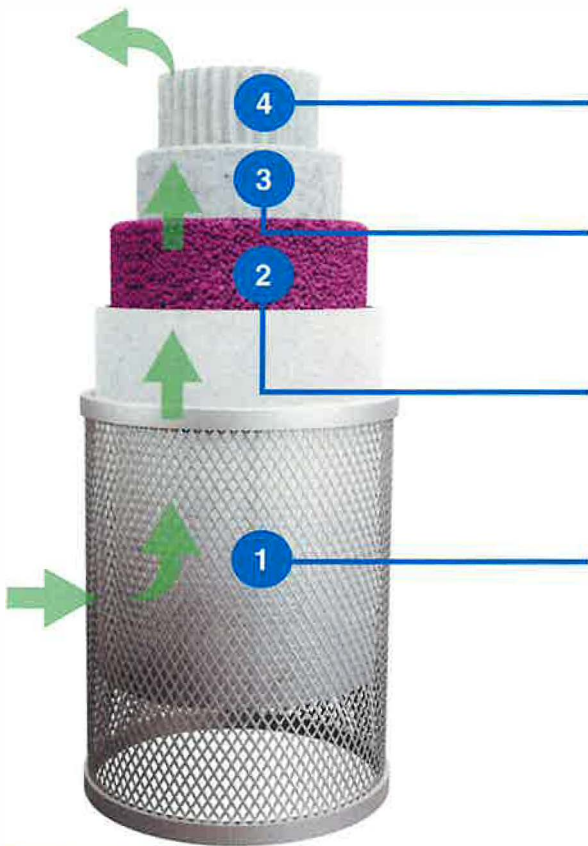
- 250 CFM / 425 CMH
- Holds 22 lbs of molecular filtration media
- Compact design with casters for portability
- High efficiency with less power consumption
- Low pressure drop and quiet operation
- Voltage: 110V US / 220V EU
- 360-degree air circulation and purification
- 4.5 ft power cord
- Blower Certifications: UL, CSA & CE approved

PuraWard Filters[†]:

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HEPA Final Filter

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PuraWard Filter

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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	UPC	Each/Box
PURASHIELD-CPUM-500-4	PURASHIELD CPUM-500, USA	850011212745	1
CPUM-500-CART	Replacement filter assembly for CPUM-500	850011212998	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