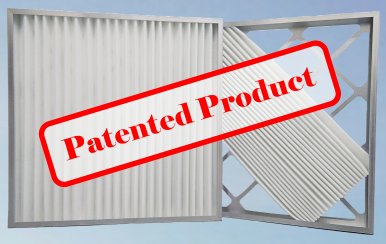
Air Treatment Series:

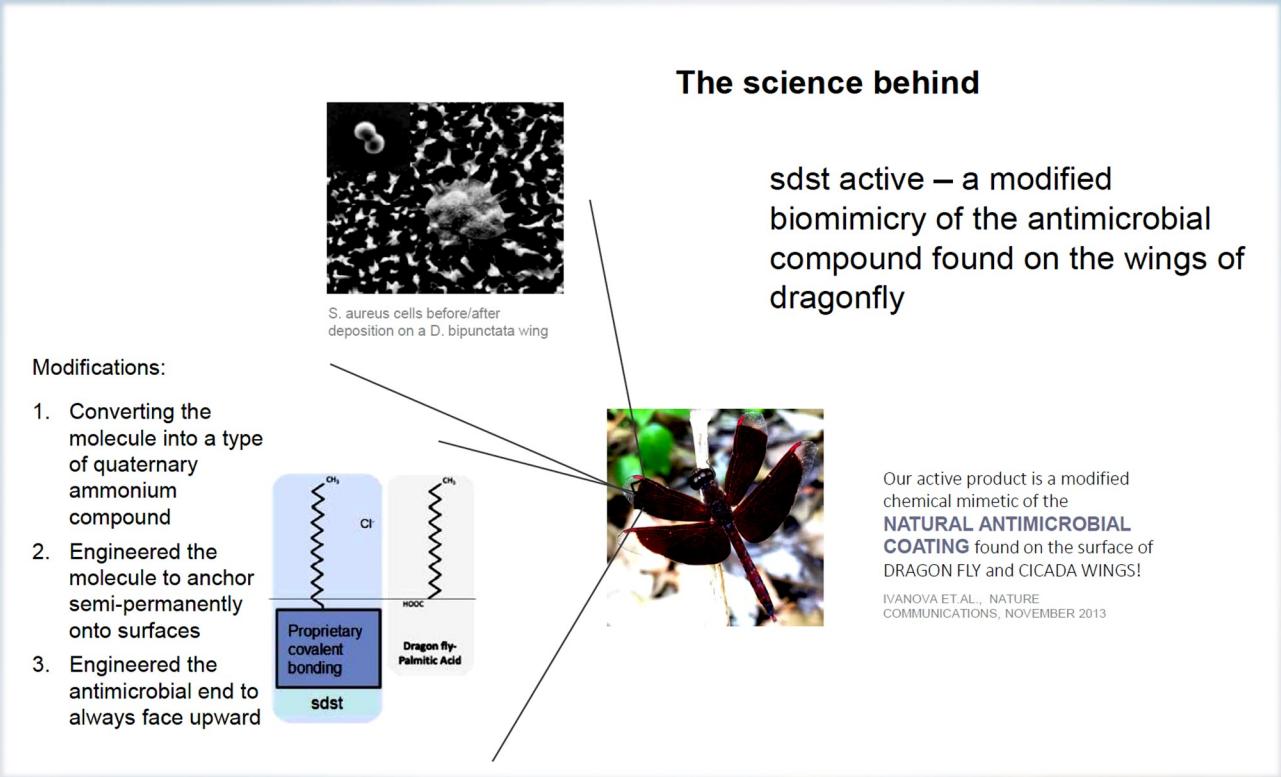
sdst Filter

sdst Filter™ is a hybrid innovative product of Euro-Aire's latest patented SPF (Serviceable Pleat Filter) and the scientifically proven sdst spray, effectively killing and preventing the spread of virus and bacteria present in airstream with **efficacy > 99%** for **90 days**!

Air Treatment Series:
sdst Filter



Concept of sdst



Construction Features and Advantages

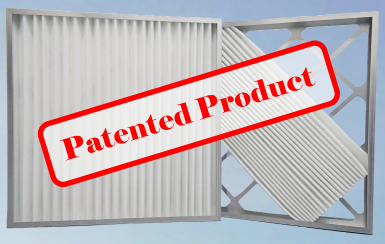
- Self-Support Synthetic Media - **100% incinerable.**
- 2 times **more** dust holding capacity - **Extends filter lifespan.**
- Low initial pressure drop - **Saves energy.**
- Media refills are uniquely packed - **Save Storage, Disposal, Transport and Handling (SDTH) costs.**
- Media refills come in a choice of 4 different efficiencies (G4, M6, F7, F8)

  - "**Media Replacement Only**" concept - **Save cost!**
- Sturdy and uniquely designed frame structure that is Aluminium or Galvanised Steel-made - **Ensuring hassle-free and time-saving** for media replacement work.
- Media is coated with layers of **sdst antimicrobial agent** that serves as the 1st stage of protection with **efficacy > 99%*** against **bacteria, viruses, mold, fungi and odor in air-stream**.

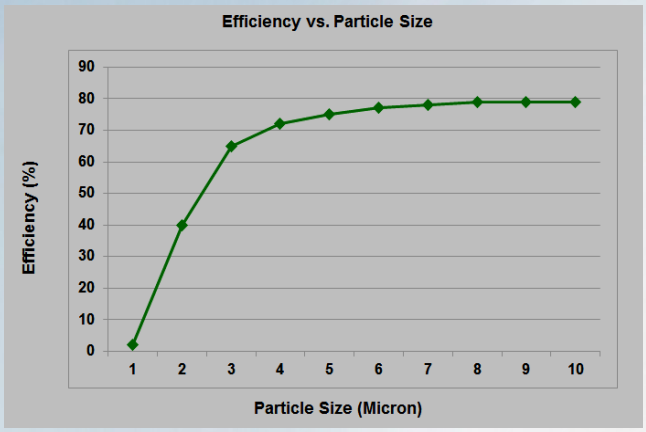
* Tested and proven by Singapore SGS Test Lab.

Air Treatment Series:

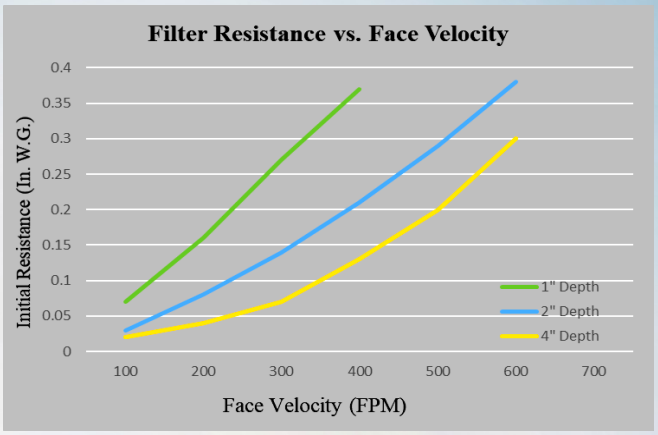
sdst Filter



G4 (MERV 8) Efficiency vs. Particle Size



G4 (MERV 8) Initial Resistance vs. Face Velocity

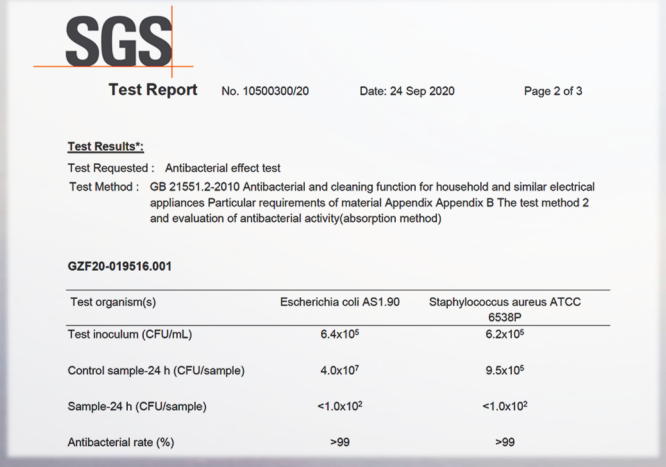


Standard Sizes

Model	Nominal Size (WHD)	Exact Size (WHD)	Initial Pres-sure Drop	Airflow (CMH)	Media Area (m^2)
sdstF1242-G4-*	12” X 24” X 2”	289 X 594 X 45 mm	74	1700	0.68
sdstF2042-G4-*	20” X 24” X 2”	492 X 594 X 45 mm	74	2850	1.02
sdstF2442-G4-*	24” X 24” X 2”	594 X 594 X 45 mm	74	3400	1.18
sdstF1244-G4-*	12” X 24” X 4”	289 X 594 X 95 mm	51	1700	1.15
sdstF2044-G4-*	20” X 24” X 4”	492 X 594 X 95 mm	51	2850	1.84
sdstF2444-G4-*	24” X 24” X 4”	594 X 594 X 95 mm	51	3400	2.20

- **‘*’ refers to frame made - Al or GI.**
- Initial Resistance and Airflow stated is based on **G4 (MERV 8)** efficiency.
- Recommended Final Resistance: 250 Pa.
- Size may vary +/- 2mm.
- Special sizes are available at Minimum Order Quantity (MOQ).

Test Reports



SGS

Test Report No. 10500300/20 Date: 24 Sep 2020 Page 2 of 3

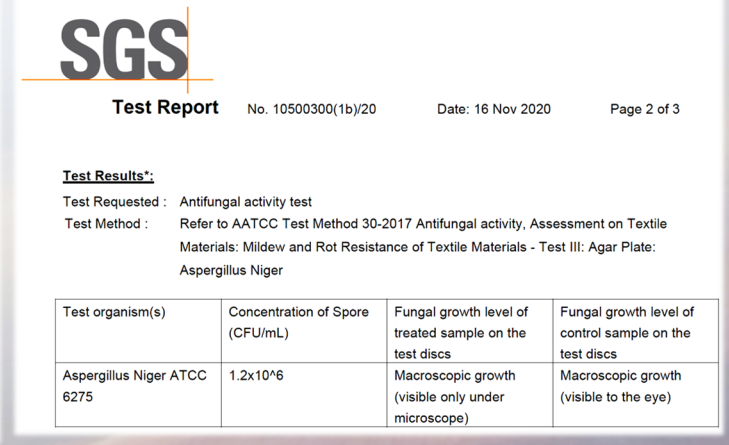
Test Results*:

Test Requested : Antibacterial effect test

Test Method : GB 21551.2-2010 Antibacterial and cleaning function for household and similar electrical appliances Particular requirements of material Appendix Appendix B The test method 2 and evaluation of antibacterial activity(absorption method)

GZF20-019516.001

Test organism(s)	Escherichia coli AS1.90	Staphylococcus aureus ATCC 6538P
Test inoculum (CFU/mL)	$6.4x10^5$	$6.2x10^5$
Control sample-24 h (CFU/sample)	$4.0x10^7$	$9.5x10^5$
Sample-24 h (CFU/sample)	$<1.0x10^2$	$<1.0x10^2$
Antibacterial rate (%)	>99	>99



SGS

Test Report No. 10500300(1b)/20 Date: 16 Nov 2020 Page 2 of 3

Test Results*:

Test Requested : Antifungal activity test

Test Method : Refer to AATCC Test Method 30-2017 Antifungal activity, Assessment on Textile Materials: Mildew and Rot Resistance of Textile Materials - Test III: Agar Plate: Aspergillus Niger

Test organism(s)	Concentration of Spore (CFU/mL)	Fungal growth level of treated sample on the test discs	Fungal growth level of control sample on the test discs
Aspergillus Niger ATCC 6275	1.2x10^6	Macroscopic growth (visible only under microscope)	Macroscopic growth (visible to the eye)

Air Treatment Series:

sdst Filter

Regional Headquarters:

Airmaze Corporation Pte Ltd

Email: sales@airmazecorp.com

Tel: (65) 6386 0988

Website: www.airmazecorp.com

A member of NAFA National Air Filtration Association

SINGAPORE GREEN BUILDING COUNCIL

Version ATF-sdst-01