

CERTIFICADOS PURIFICADORES DE AIRE AERAMAX

Los Purificadores de aire Aeramax de Fellowes, cuentan con una serie de Certificaciones que aportan valor a toda nuestra gama y que resultan diferenciadores:

1. Los Purificadores de aire AeraMax de Fellowes Brands, están dotados de filtros de alta eficacia TRUE HEPA ajustados al estándar IEST 1.5 HEPA con una eficacia del 99,98% en partículas de 0,3 μ , siendo equivalente al **filtro de eficacia H13 del estándar EN1822**.
2. Asimismo, disponen de prueba realizada por los prestigiosos Laboratorios AirMid de Estados Unidos, que certifica que los filtros son capaces de **retener el 99,9% del virus H1N1**.
3. Gracias a su **tratamiento antimicrobiano**, han pasado con éxito en el test de resistencia a los hongos según el método ASTM G-21-13” Determinación de la resistencia de los materiales poliméricos sintéticos a los hongos”. La prueba certifica que permaneció **libre del crecimiento de hongos después de 28 días de incubación**.
4. Como sistema complementario de optimización de eficacia de los Purificadores, AeraMax Professional cuentan **con Ionizador Bipolar** que consta en las recomendaciones de la Guía publicada por el **Ministerio de Sanidad**.



TEST REPORT

Performed for: Fellowes
IBR JN: 15089
Date: 15 May, 2014

Location: Itasca, IL
Contact: Peter Maletich

Test Method: Filter Efficiency per IEST RP CC001.5
Fluid: Air
Instrumentation Upstream: Thermo Electron Model DR-2000 S/N 2178, next calibration 27 Oct, 2014
Instrumentation Downstream : Thermo Electron Model DR-40000 S/N D372, next calibration 27 Oct, 2014
Flow Rate: 220 SCFM
Conditions: Temperature 21.33C, Relative Humidity 48.24%, Barometric Pressure 734.1mmHg
Contaminant: Thermally Generated DEHS Oil Aerosol, 0.3µm mass mean diameter
Description of Samples: Pleated filter Element ZTF#2 03/27/14
Size: 14.5"x14"x2" Media Color: White

Date Received: 2 May, 2014

Sample Source: Fellowes

Filter	Net DP kPa	Port	Concentration
			µg/m3:
ZFT#2 03/27/14	0.05	Upstream	14350.0
		Downstream	3.5
		Efficiency	99.98



Notice: These data relate only to the samples tested. This report may be copied only in its entirety.
pg 1/1 Performed By: DW Data Location: DW-210

Reviewed By: _____
Susan H. Goldsmith, Director of Technical Services
IBR 11599 Morrissey Rd Grass Lake MI USA 49240 517-522-8453

TEST CERTIFICATE

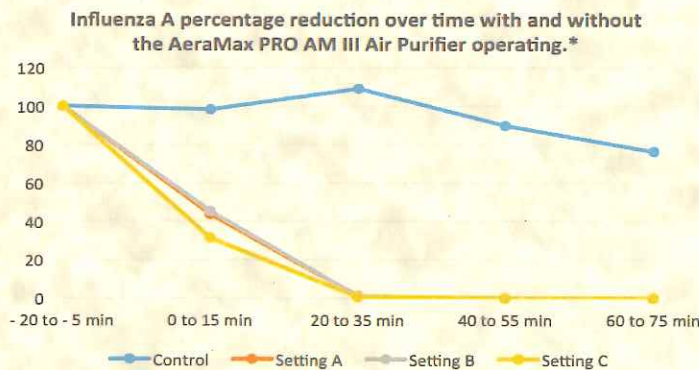


The following products have been tested by airmid healthgroup ltd as outlined in report(s)
ASCR092102v2

Product Description	AeraMax Pro AM III
Manufacturer	Fellowes
Certificate Number	AHGC: 92102/15/05/08/2080/01
Validation Period	1 Year
Outline of Test Method	Determination of removal efficiency of Influenza A (H1N1) following aerosolisation of the virus into a 20 m ³ environmental test chamber.
Additional SKUs	AeraMax Pro AMIII3, AM3 PC, AM3S PC AeraMax Pro AMIV, AMIVS, AM4 PC, AM4S PC

RESULTS

The Fellowes AeraMax Pro has been shown to remove 99.9% of airborne virus within 35 minutes of operation



*Results represent the average of n=3 runs. Device settings A: ionizer ON and filter low speed; device setting B: ionizer off and filter at low speed; device setting C ionizer on and filter at high speed.


Dr Bruce Mitchell
Chairman/CEO
airmid healthgroup Ltd

16 MAY 2020
Dated





May 13, 2014

Michael Jacobs
Sureshield Coatings Company
350 Northgate Parkway
Wheeling, IL 60090
USA

Antifungal Assessment of One Filter Media Sample

3006131

One filter media sample, treated with Ultra-Fresh DW-56, was received from Sureshield Coatings Company on April 09, 2014. At Thomson Research Associates Inc., the sample was tested for resistance to mixed fungal growth using a standard test procedure.

PROCEDURE

Fungal Resistance Test:

ASTM Method G-21-13 “Determining resistance of synthetic polymeric materials to fungi” was used to test the specimen. In brief, the specimen was placed onto a mineral salts agar medium and then inoculated with a mixed fungal spore inoculum consisting of equal numbers of spores of the following species:

Aspergillus niger (ATCC #6275)

Aureobasidium pullulans (ATCC #15233)

Chaetomium globosum (ATCC #6205)

Trichoderma virens (ATCC #9645)

Penicillium funiculosum (ATCC #11797)

The inoculated specimen is then incubated at 28C for 28 days, in order to allow adequate time for mature fungal growth to appear.

RESULTS

Sample Description		ASTM G-21-13			
		7 days	14 days	21 days	28 days
1	Fellowes filter media (flat filter) treated with Ultra-Fresh DW-56 from ZFT (China facility)	0	0	0	0

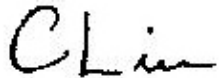
Notes:

G 21-13 0 = specimen remained free of fungal growth.
 1 = traces of growth on specimen (less than 10%).
 2 = light fungal growth on specimen (10 to 30%).
 3 = medium fungal growth on specimen (30 to 60%).
 4 = heavy fungal growth on specimen (60% to complete coverage)

CONCLUSION

In the ASTM G-21-13 Test, the sample remained free from mixed fungal growth after 28 days of incubation.

THOMSON RESEARCH ASSOCIATES INC.



Microbiology Manager



Microbiologist

c: Dave Klein



Choose certainty.
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Technical Report No. 70.401.13.125.07-00

Rev. 00

Dated 2013-06-28

Client: Fellowes Inc.
1789 Norwood Avenue, Itasca, Illinois 60143-1095, USA

Manufacturing place: ShenZhen Yitao Intelligent Control Co. Ltd.
5th A1 Building Lengma Ind. City Shiyao Town 518108 SHENZHEN
Guangdong CHINA
Ms. Zhao Bessie

Test subject: Product: Anion generator
Type: YTP-B4

Test specification: EN 60335-1/A15:2011
EN 60335-2-65/A11:2012
EN 62233: 2008

Purpose of examination: Test according to application
- Ozone concentration according to clause 32 of EN 60335-2-65/A11:2012

Test result: The test results show that the presented product is in compliance with the specified requirements.

TPS_GCN_F_09.20E - Rev. 1 2012-10-29

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1 Description of the test subject

1.1 Function

Anion generator for household use only.

1.2 Consideration of the foreseeable misuse

- Not applicable
- Covered through the applied standard
- Covered by the following comment
- Covered by attached risk analysis

1.3 Technical Data

Model : YTP-B4
Rated Voltage : DC 12 V
Output voltage : 2,5-6,5kV
Protection Against Moisture : IP 00
Construction : Fixed component

2 Order

2.1 Date of Purchase Order, Customer's Reference

2013-06-09

2.2 Receipt of Test Sample, Location

2013-06-09 No. 1999, Duhui Road, Shanghai, 201108, P. R. China

2.3 Date of Testing

2013-06-09 to 2013-06-17

2.4 Location of Testing

No. 1999, Duhui Road, Shanghai, 201108, P. R. China

2.5 Points of Non-compliance or Exceptions of the Test Procedure

None

3 Test Results

3.1 Positive Test Results

The percentage of ozone in the room after 24H: $0,1 \times 10^{-6} < \text{Limit: } 5 \times 10^{-6}$

4 Remark

The user manual has been examined according to the minimum requirements described in the product standard. The manufacturer is responsible for the accuracy of further particulars as well as of the composition and layout.

4.1 Remarks to Factory

N/A

5 Documentation

product photo



6 Summary

The test specification(s) is (are) met

Jiangsu TÜV Product Service Ltd. Shanghai Branch
TÜV SÜD Group

Engineer:


Susan GONG
Project Handler

Technical Report checked:


Junjie SUN
Designated Reviewer