

Test Report

Report No. : SHES211102182071 **Issued date** : 2021-12-23
Applicant's name : Airfree- Produtos Eletrónicos SA
Street Julieta Ferrão n10, Floor 9A, 1600-131 Lisbon
Manufacturer : Same as applicant
Laboratory : SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China
Product Description : Air Purifier
Supplier Model No : Duo 3000, P3000 Plus, Duo 150, P150 carbon, P150 Plus, P5000 Plus,
Duo 5000, Onyx 3000, Onyx Plus, P3000 Onyx Plus
Date of Sample Received. : 2021-11-08
Date of Test : 2021-11-08 to 2021-12-23
Test Standard : See below pages
Test Clauses : See below pages
Conclusion : See below pages

Remark /Note :
1. Test data in this report is only responsible for submitted test samples.
2. Test was performed China Household Electric Appliance Research Institute.
3. Model Duo 3000, P3000 Plus, Duo 150, P150 carbon, P150 Plus, P5000 Plus, Duo 5000, Onyx 3000, Onyx Plus and P3000 Onyx Plus were identical with each other except model name.

Prepared By:
Lily Xiong

Approved by:
David Sun



Technical data:

Trade mark.....	Duo
Type of appliance	Portable appliance
Type / model	Duo 3000, P3000 Plus, Duo 150, P150 carbon, P150 Plus, P5000 Plus, Duo 5000, Onyx 3000, Onyx Plus, P3000 Onyx Plus
Rated Voltage(V).....	120 VAC
Nature of supply or Frequency (Hz)	60 Hz
Rated power(W)	60-62 W
Rated current (A)	--

Rating Label :

Airfree Air Purifier P3000 Plus



0 0 0 0 0 0 0 0 0 0 0

Please read instruction manual before installation

Airfree S.A. - www.airfree.com / info@airfree.com
 Phone:+1 626 921 4426 - Made in Portugal

120 V ; 60 Hz ; 60-62W
INDOOR USE ONLY

US 5,874,050 + US 7,332,140 B2 Other patents issued or pending




SampleG112021

AIR PURIFIER
E331475

All models were shared the identical rating label except model name.



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Table of Results:

The samples were tested as requested and the following results were obtained:

Selected test(s) as requested by applicant:

Product was set at highest level and supplied at rated voltage 120V. During the whole test, put a fan ON in order to simulate air flows of people walking in the room.

Test standard:

Refer to ISO 16000-36: 2018 Standard method for assessing the reduction rate of culturable airborne bacteria by air purifiers using a test chamber.

Test strain(s):

Aspergillus niger

Test item:

Test item(s)	Unit(s)	Exposure time (mins)	The initial counts CFU/ m ³		The final counts CFU/ m ³		Natural decay rate(%)	Removal rate(%)
			For self decay	For test group	For self decay	For test group		
Aspergillus niger	CFU/pc	30	2.3*10 ³	2.1*10 ³	2.0*10 ³	1.3*10 ³	13.0	28.8
		120	2.3*10 ³	2.1*10 ³	1.7*10 ³	150	26.1	90.3

Note:

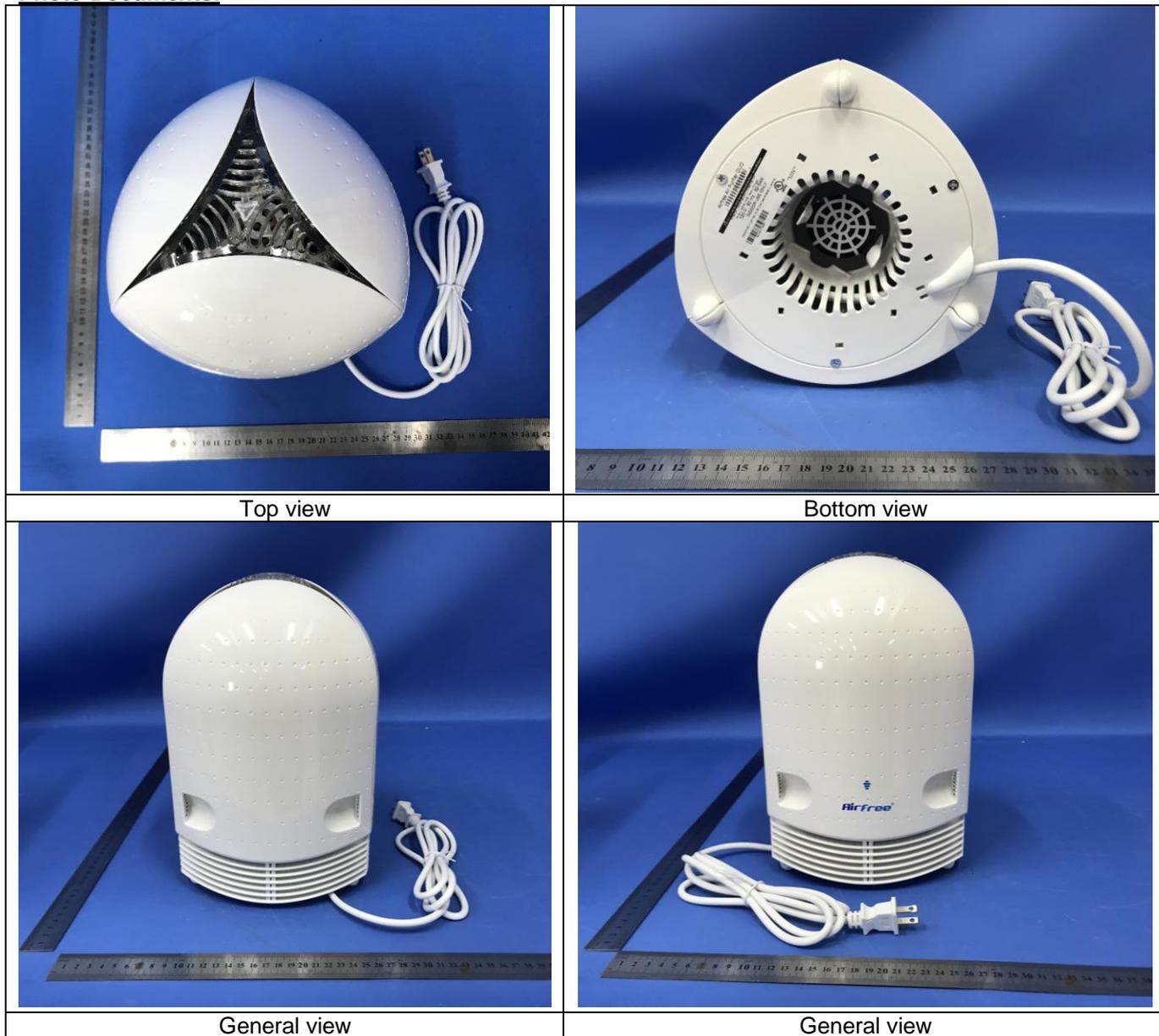
- Standard Material List

Standard Material List			
Name	Parameter	Manufacturers	Use this time (√)
Test chamber	3.5mx3.4mx2.5m=30m ³	China Household Electric Appliance Research Institute	√



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Photo Documents:



Top view

Bottom view

General view

General view

***** End of Report*****



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