

# Test Report

**Report No.....:** SHES211202595071      **Issued date.....:** 2022-02-14  
**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 2022-02-14  
**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. Models 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](http://www.airfree.com) / [info@airfree.com](mailto: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, the fan that was used to simulate air flows of people walking in the room was switched off.

**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 <sup>3</sup>		The final counts CFU/ m <sup>3</sup>		Natural decay rate(%)	Removal rate(%)
			For self decay	For test group	For self decay	For test group		
Aspergillus niger	CFU/pc	30	2.1*10 <sup>3</sup>	2.2*10 <sup>3</sup>	1.8*10 <sup>3</sup>	1.5*10 <sup>3</sup>	14.3	24.6
		120	2.1*10 <sup>3</sup>	2.2*10 <sup>3</sup>	1.6*10 <sup>3</sup>	650	23.8	61.2

**Note:**

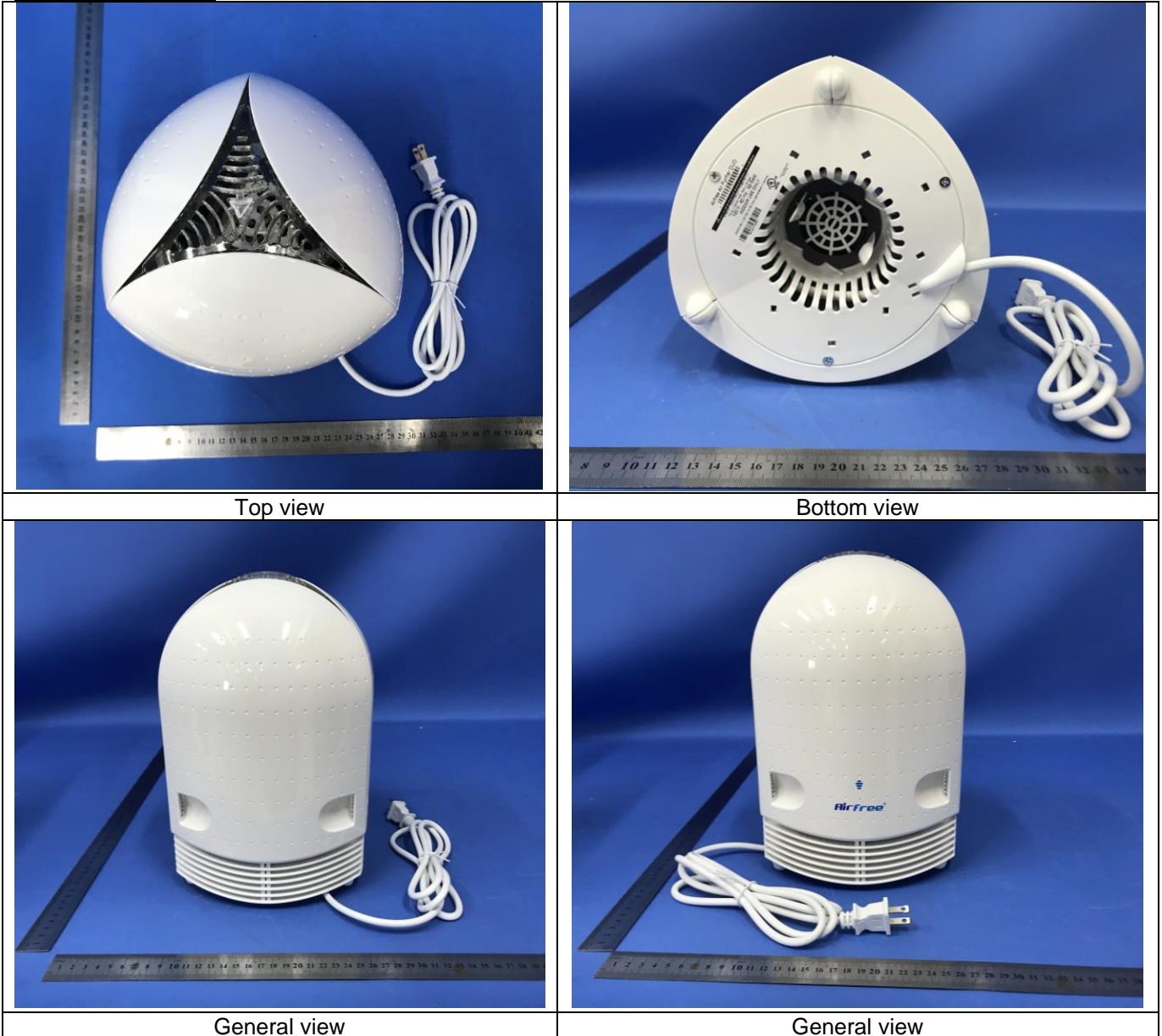
- Standard Material List

Standard Material List			
Name	Parameter	Manufacturers	Use this time (√)
Test chamber	3.5mx3.4mx2.5m=30m <sup>3</sup>	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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