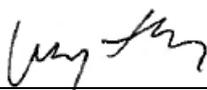


Test Report

Report No.....: SHES210701542871 **Issued date.....:** 2021-09-22
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 Lotus
Date of Sample Received ..: 2021-07-28
Date of Test 2021-07-28 to 2021-09-22
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.

Prepared By: 
Lily Xiong

Approved by: 
David Sun



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Technical data:

Trade mark	Lotus
Type of appliance	Portable appliance
Type / model	Lotus
Rated Voltage(V)	220-240 VAC
Nature of supply or Frequency (Hz)	50-60 Hz
Rated power(W)	47-58 W
Rated current (A)	--

Rating Label :

Airfree Air Purifier Lotus

5 6 0 4 7 7 0 6 0 0 1 3 9

Airfree Productos Electrónicos - www.airfree.com / info@airfree.com

Tel. +351 213 156 222 / Lisbon, Portugal - Made in Portugal

220-240V; 50/60Hz ; 47-58W: IP20

Serial # LWG21070235

Patents: US 7,332,140 B2/ US 10,010,641 B2
Other patents issued/pending



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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 220 V~ and 50 Hz. 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		Self decay rate(%)	Removal rate(%)
			For self decay	For test group	For self decay	For test group		
Aspergillus niger	CFU/pc	120	2.0*10 ⁵		1.3*10 ⁵	120	35.6	99.4

Note:

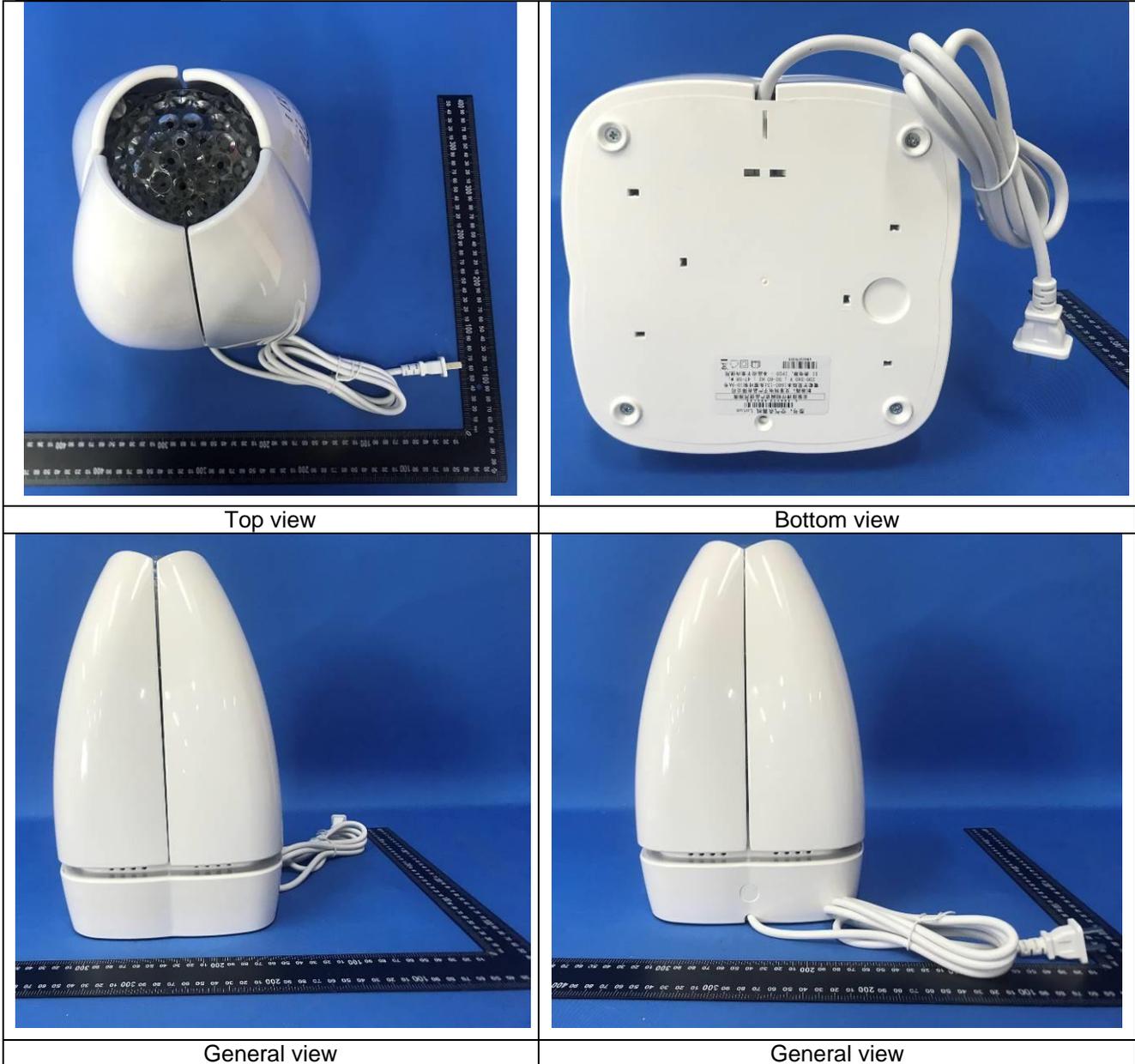
- Standard Material List

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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