



Gmicro Testing



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TESTING
CNAS L1747

GUANGDONG DETECTION CENTER OF MICROBIOLOGY

REPORT FOR ANALYSIS

Report №.:2021FM20535R01E

Name of Sample	Air Purifier	Test Type	Entrustment Test
Applicant	New Comfort, LLC	Address	5591 South Leo Park Road, West Jordan, Utah 84088
Sample Source	Submitted for Testing by the Applicant	Sample Quantity	Two Samples Submitted
Spec and Lot № of Sample	CA3500	State and Characteristic	Machine
Sample Received Date	2021-09-27	Test Completion Date	2021-10-18
Test Standard and Method	GB 21551.3-2010 Appendix A		
Item Tested	Bactericidal performance		
Test Conclusion	<p>The test data of the sample(s) is attached to the page(s) of this report.</p> <p>Issue Date: 2021-11-08 (Official Seal)</p>		
Remarks	New Comfort models F101acrylic, CH3000, BH3000, 03-1000, 03-1000B, HE-250,HE-223, HE-220; HE-221 and CA3500 are the same internally and share the same internal components .(provided by the appliant)		

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ANALYSIS AND TEST RESULT

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The test microorganism	Action time(hr)	Serial Number	The amount of bacteria in the air (cfu/m ³)	Sterilization rate (%)	
<i>Staphylococcus albus</i> 8032	0h(CK)	1	9.9×10 ⁴		
		2	1.1×10 ⁵		
		3	1.1×10 ⁵		
	2h	1	<7	>99.98	
		2	<7	>99.98	
		3	<7	>99.98	
	Average				>99.98
	(Blank below)				
	Remarks	<p>1. Method description: Turn on all the functions of the sample (UV lamp, negative ion, ozone, photocatalyst, HEPA, activated carbon) and run for 2 hour in a 30m³ chamber, and then using six mesh impact type air microorganism sampler JWL-6 to sampling with air volume of 28.3 liters per minute.</p> <p>2. The result of killing rate has eliminated the natural decay of microorganisms in the air.</p>			